Species composition and distribution of the dipterans (Insecta: Diptera) in Bulgaria

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Photo on the front cover: *Tachina fera*, juniper heath in the Kornberg nature reserve near Gruibingen, Germany. (Photo by Pjt56 taken on 19 August 2018).

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Introduction

The Bulgarian dipteran fauna has been studied for 160 years (Löw 1862). Since then, a vast material of faunistic data concerning the territory of Bulgaria has been accumulated. During the last 70 years, different parts of the country are under landscape changes and anthropogenic impact. Changes in the natural communities are caused by some alien species, introduced in the last 100 years. The economic importance of the biodiversity, the dynamic character of the fauna and its protection necessiate a periodic updating of the data concerning the faunistic diversity of the separate taxonomic groups.

The first data on Diptera from Bulgaria were reported by Löw (1862, 1863), Meunier (1897) and Joakimoff (1899). Nedelkov reported new families and reviews the dipteran fauna of Bulgaria (Nedelkov 1909, 1910, 1912). Various publications have been written by other authors (Kovachev 1905; Vimmer 1916; Drenowsky 1920a, 1920b, 1921a, 1922b, 1922c, 1923a, 1923b, 1923c, 1929a, 1929b, 1931, 1936, 1937, 1939; Enderlein 1921, 1924, 1926, 1930; Komárek & Vimmer 1921, 1922, 1934; Konsuloff 1921a, 1921b, 1922a, 1922b, 1922c, 1923a, 1923b; Buresch 1924, 1926a, 1926b, 1928, 1930; Konsuloff & Paspalev 1924, 1925; Drensky 1926, 1928, 1931a, 1931b, 1932a, 1932c, 1934c, 1936, 1939b, 1940, 1942; Drensky & Drensky 1928; Czerný 1930; Szilády 1934; Zilahi 1934; Jacentkovsky 1936, 1937, 1939; Lindner 1936; Lackschewitz 1940a, 1940b; Buhr 1941; Valkanov 1941; Delkeskamp 1942). Studies on the separate families were reported by Drensky (1929, 1933, 1934a, 1939a, 1943). Numerous data on the plant pests and species of medical significance are available in the applied entomological literature. The number of publications increased rapidly after the Second World War. Volumes from the series Fauma of Bulgaria and catalogues of the separate families have been published (Beschovski 1985, 2009, 2013b; Lavčiev 2003; Bechev 2006, 2010; Kechev et al. 2020). Taxonomic and faunistic studies were performed by Bulgarian and foreign authors. The hydrobiological research are important for elucidating the species composition of the water-related dipterans. The investigations of the cave fauna contribute to the study of separate families. In many monographs and catalogues related to Diptera of the various geographical areas, taxa from Bulgaria without accurate localities are mentioned. In 1700 publications there are data related to Diptera in Bulgaria.

In 1968 an overview (unpublished) of the Diptera families, reported from Bulgaria, was made by Beschovski – 1952 species. Later Beschovski (1976b, 1993, 2001) reported new families and presented a list of the families in Bulgaria. Data on the vertical distribution of Diptera refer to separate families. There are data in some publications (Buresch & Arndt 1926; Beron 1969; Hubenov 1993), in the volumes of the series Fauna of Bulgaria (Beschovski 1985, 2009), in the catalogues (Lavčiev 2003; Bechev 2006, 2010; Beschovski 2013b) and in some dissertations (Dimitrova 1989; Dzhambazov 2000; Langourov 2001; Bechev 2007; Kechev 2007; Pavlova 2020b). In the publications on Diptera from the Pirin, Rila, Vitosha and Vrachanska Planina Mts., the vertical distribution of 2275 species of 81 families is analyzed (Hubenov 2015b, 2016, 2017, 2018, 2019a, 2019b).

The aim of this work is to present the fauna, distribution according to the vegetation belts and zoogeography of the order Diptera in Bulgaria.

Material and methods

All species reported from Bulgaria are included. The processing of the literary data has reviewed all data that refer to the Bulgarian Diptera. Due to the big number of literature sources and the character of the publications, the cited literature does not include all studies. Attention is paid to the publications that indicate the localities of the species. The first reports, generalized works and the most important literary sources are given. The names of the taxa are updated according to the newest electronic publications. The classification of Diptera is based on the works of Soós & Pap (1984-1993), McAlpine (1989), Wood & Borkend (1989), Woodley (1989), Nagatomi (1996), Papp & Darvas (1997, 1998, 2000a, 2000b), Yeates & Wiegmann (1999), Nartshuk (2003), Ziegler (2003), Oosterbroek (2006), Yeates et al. (2007) and Pape et al. (2011).

Weaknesses in the literature data which limit the obtaining of an equivalent information when comparing territories and systematic groups include: different levels of study of the individual taxa; insufficient research of many families in the corresponding areas; a lack of exact localities for the part of the recorded species; insufficient data for the localities and vertical distribution; existence of rich synonymy; outdated data; a lack of generalized investigations; significant differences in the number of taxa in the separate areas; unexplored territories; pro-

longed periods of data accumulation for most regions; predominance of the ecological studies versus those of the fauna; priority research on groups of economic and medical significance. These weaknesses lead to 6 problems: 1) Continuous supplementation of an existing historical list of the fauna. As a result, species diversity in a given area is higher than in reality. 2) Incomparability of data in terms of time periods. Data comparisons between two areas very often cover different periods as it is not possible to study all taxonomic groups and territories simultaneously. 3) Inaccurate zoogeographical characteristic of some taxa due to the lack of information on their vertical distribution. 4) Incomplete reporting of the anthropogenic impact, successional and landscape changes on the communities in the separate regions. Thus, a number of well-studied areas in the past have already been significantly changed. 5) Prioritization of research in areas under monitoring or environmental protection legislation. 6) Workload of the specialists with environmental, medical and other applied investigations that do not allow them to devote time to faunistic research.

A system of natural territories is used to represent the species distribution in Bulgaria (Hubenov 1997, 2021). This is a hierarchical system (Fig. 1, Table 1) which allows using larger or smaller number of territorial units. The first letter in the abbreviations corresponds to the region; the second – to the subregion; and the figure – to a smaller territorial unit.

The vertical distribution is presented according to the vegetation belts. The vegetation of Bulgaria is differentiated in a system of six vegetation belts (Stojanov, 1966; Velchev et al., 1982, 1989; Velchev, Tonkov, 1986; Bondev, 1991, 1997, 2002; Velchev, 1997, 2002): 1) Xerothermic oak forests (sub-Mediterranean vegetation) – up to 600-700 m a.s.l.; 2) Mesophylic and xeromesophylic mixed (oak-hornbeam) forests – from 600-700 m to 900-1000 m a.s.l.; 3) Beech forests – from 900-1000 m to 1500-1600 m a.s.l. ; 4) Coniferous forests – from 1500 (1300)-1600 m to 2000-2200 m a.s.l.; 5) Subalpine vegetation – from 2000-2200 m to 2500 m a.s.l.; 6) Alpine vegetation – over 2400-2500 m a.s.l. The boundaries between the vegetation belts are not defined clearly and depending on the relief, climate, exposure and human activities there are mixed zones up to 200-300 m a.s.l.

The classification of the areas is based on the available literature and recent electronic issues. A zoogeographical analysis for the taxa categorization was used. This method allows obtaining data information about species complexes with different zoogeographical character based on the published data regarding species distribution and results of the faunistic research. These complexes contain zoogeographical information about the taxonomic groups which, combined with the origin of the ranges, determines the zoogeographical character of the fauna. The distribution of the species according to the zoogeographical categories in the different vegetation belts and the distribution of the zoogeographical categories in each belt are scrutinized. The classification of the areas is based on the works of Geptner (1936), Darlington (1957), Kryzhanovsky (1965, 1976, 2002), de Lattin (1967), Müller (1974, 1980), Udvardi (1975), Crosskey & White (1977), Malicky et al. (1983), Gorodkov (1984a), Grehan (1988, 1993), Vigna Taglianti et al. (1999), Procheș & Ramdhani (2012), Holt et al. (2013), Ficetola et al.

Table 1. Distribution of Diptera in the natural geographic territorial units of Bulgaria

The system of the natural geographic territorial units	Abbreviations	Number of species		
		Nematocera (1672)	Brachycera (3348)	Total (5020)
DANUBIAN PLAIN	**D**	**328 (19.6)**	**566 (16.9)**	**894 (17.8)**
Western Danubian Plain	**DW**	**219 (13.1)**	**227 (6.8)**	**446 (8.9)**
Middle Danubian Plain	**DM**	**210 (12.6)**	**218 (6.5)**	**428 (8.5)**
Eastern Danubian Plain	**DE**	**191 (11.4)**	**367 (11.0)**	**558 (11.1)**
Popovo-Provadiya district	E1	154 (9.2)	184 (5.5)	338 (6.7)
Loudogorie-Dobroudzha district	E2	144 (8.6)	271 (8.1)	415 (8.3)
STARA PLANINA RANGE SYSTEM	**S**	**719 (43.0)**	**1026 (30.7)**	**1745 (34.8)**
Predbalkan	**SP**	**329 (19.7)**	**426 (12.7)**	**755 (15.0)**
Western Predbalkan	P1	247 (14.8)	234 (7.0)	481 (9.6)
Middle Predbalkan	P2	198 (11.8)	262 (7.8)	432 (8.6)
Eastern Predbalkan	P3	19 (1.1)	24 (0.7)	43 (0.8)
Stara Planina (Balkan) Mts.	**SB**	**542 (32.4)**	**884 (26.4)**	**1426 (28.4)**
Western Stara Planina (Balkan) Mts.	B1	457 (27.3)	515 (15.4)	972 (19.4)
Middle Stara Planina (Balkan) Mts.	B2	198 (11.8)	429 (12.8)	627 (12.5)

Eastern Stara Planina (Balkan) Mts.	B3	23 (1.4)	246 (7.3)	269 (5.4)
TRANSITIONAL REGION	**T**	**781 (46.7)**	**1893 (56.6)**	**2674 (53.3)**
Kraishte-Konyavo district	**TK**	**114 (6.8)**	**143 (4.3)**	**257 (5.1)**
Rouy Mt.	K1		1 (0.03)	1 (0.02)
Trun Basin (Znepole)	K2		17 (0.5)	17 (0.3)
Strazha-Cherna Gora-Rudini Mts.	K3	29 (1.7)	1 (0.03)	30 (0.6)
Golo Burdo Mt.	K4	8 (0.5)	15 (0.4)	23 (0.5)
Verila Mts.	K5	2 (0.1)		2 (0.04)
Kraishte	K6		41 (1.2)	41 (0.8)
Zemenska Planina Mt.	K7	38 (2.3)	1 (0.03)	39 (0.8)
Konyavska Planina Mt.	K8	53 (3.2)	23 (0.7)	76 (1.5)
Kyustendil Basin	K9	71 (4.2)	77 (2.3)	148 (2.9)
Vitosha district	**TV**	**561 (33.6)**	**1431 (42.8)**	**1992 (39.7)**
Sofia Basin	V1	257 (15.4)	822 (24.6)	1079 (21.5)
Zavalska-Viskyar Mts.	V2	1 (0.06)	2 (0.06)	3 (0.06)
Lyulin Mt.	V3	18 (1.1)	66 (2.0)	84 (1.7)
Vitosha Mt.	V4	329 (19.7)	972 (29.0)	1301 (25.9)
Plana Mts.	V5	81 (4.8)	70 (2.1)	151 (3.0)
Srednogorie-Podbalkan subregion	**TS**	**192 (11.5)**	**645 (19.3)**	**837 (16.7)**
Podbalkan Basins	S1	107 (6.4)	397 (11.9)	504 (10.0)
Sredna Gora Mts.	S2	101 (6.0)	352 (10.5)	453 (9.0)
Ihtimanska Sredna Gora Mts.	S21	90 (5.4)	206 (6.1)	296 (5.9)
Lozenska Planina Mt.	S211	65 (3.9)	158 (4.7)	223 (4.4)
Sushtinska Sredna Gora Mts.	S22	19 (1.1)	77 (2.3)	96 (1.9)
Surnena Sredna Gora Mts.	S23	8 (0.5)	95 (2.8)	103 (2.0)
Thracian Lowland	**TL**	**200 (12.0)**	**528 (15.8)**	**728 (14.5)**
Toundzha-Strandzha subregion	**TT**	**192 (11.5)**	**282 (8.4)**	**474 (9.4)**
Sakar-Toundzha district	T1	87 (5.2)	53 (1.6)	140 (2.8)
Sakar Mt.	T11	7 (0.4)	39 (1.2)	46 (0.9)
Bakadzhik-Bourgas district	T2	28 (1.7)	66 (2.0)	94 (1.9)
Strandzha-Dervent district	T3	119 (7.1)	236 (7.0)	355 (7.1)
Strandzha Mts.	T31	119 (7.1)	236 (7.0)	355 (7.1)
RILA-RHODOPE MASSIF	**R**	**813 (48.6)**	**1871 (55.9)**	**2684 (53.5)**
Osogovo-Belasitsa group	**RO**	**248 (14.8)**	**593 (17.7)**	**841 (16.8)**
Osogovska Planina Mts.	O1	4 (0.2)	25 (0.7)	29 (0.6)
Vlahina Planina Mts.	O2		2 (0.06)	2 (0.04)
Maleshevska Planina Mts.	O3		22 (0.6)	22 (0.4)
Ograzhden Mts.	O4		47 (1.4)	47 (0.9)
Belasitsa Mts.	O5	14 (0.8)	201 (6.0)	215 (4.3)
Srednostroumska Valley	O6	193 (11.5)	515 (15.4)	708 (14.1)
Boboshevo-Simitli Valley	O61	159 (9.5)	172 (5.1)	331 (6.6)
Kroupnik-Sandanski-Petrich Valley	O62	140 (8.4)	432 (12.9)	572 (11.4)
Rila-Pirin group	**RP**	**525 (31.4)**	**1117 (33.4)**	**1642 (32.7)**
Rila Mts.	R1	333 (19.9)	716 (21.4)	1049 (20.9)
Pirin Mts.	R2	233 (13.9)	608 (18.2)	841 (16.7)
Slavyanka Mt.	R3	14 (0.8)	231 (6.9)	245 (4.9)
Sturgach Mt.	R4	1 (0.06)	42 (1.2)	43 (0.8)
Mesta Valley	R5	114 (6.8)	107 (3.2)	221 (4.4)
Rhodope Mts.	**RR**	**449 (26.8)**	**1184 (35.4)**	**1633 (32.5)**
Western Rhodope Mts.	RW	385 (23.0)	1018 (30.4)	1403 (27.9)
Eastern Rhodope Mts.	RE	153 (9.1)	383 (11.4)	536 (10.7)
BLACK SEA COAST	**B**	**367 (21.9)**	**1025 (30.6)**	**1392 (27.7)**
Northern Black Sea Coast	**BN**	**285 (17.0)**	**710 (21.2)**	**995 (19.8)**
Southern Black Sea Coast	**BS**	**165 (9.9)**	**646 (19.3)**	**811 (16.2)**

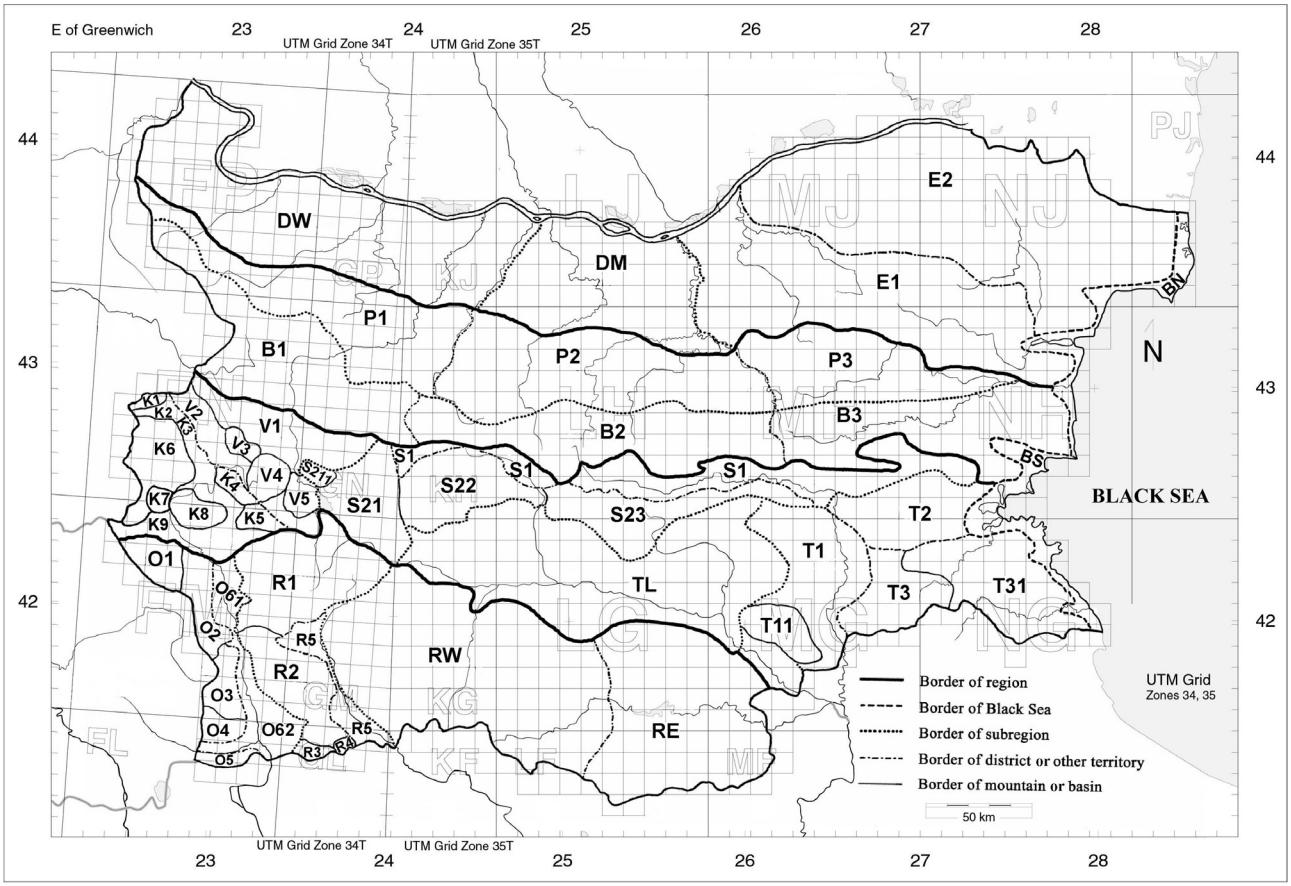

Fig. 1. Natural geographical territorial units of Bulgaria

Abbreviations used: B – Black Sea Coast; **B1** – Western Stara Planina (Balkan) Mts.; **B2** – Middle Stara Planina (Balkan) Mts.; **B3** – Eastern Stara Planina (Balkan) Mts.; **BN** – Northern Black Sea Coast; **BS** – Southern Black Sea Coast; **D** – Danubian Plain; **DM** – Middle Danubian Plain; **DW** – Western Danubian Plain; **E1** – Popovo-Provadiya district; E2 – Loudogorie-Dobroudzha district; **P1** – Western Predbalkan; **K1** – Rouy Mt.; **K2** – Trun Basin (Znepole); **K3** – Strazha-Cherna Gora-Rudini Mts.; **K4** – Golo Burdo Mt.; **K5** – Verila Mts.; **K6** – Kraishte; **K7** – Zemenska Planina Mt.; **K8** – Konyavska Planina Mt.; **K9** – Kyustendil Basin; **O1** – Osogovska Planina Mts.; **O2** – Vlahina Planina Mts.; **O3** – Maleshevska Planina Mts.; **O4** – Ograzhden Mts.; **O5** – Belasitsa Mts.; **O6** – Srednostroumska Valley; **O61** – Boboshevo-Simitli Valley; **O62** – Kroupnik-Sandanski-Petrich Valley; **P2** – Middle Predbalkan; **P3** – Eastern Predbalkan; **R** – Rila-Rhodope Massif; **R1** – Rila Mts.; **R2** – Pirin Mts.; **R3** – Slavyanka Mt.; **R4** – Sturgach Mt.; **R5** – Mesta Valley; **RE** – Eastern Rhodope Mts.; **RO** – Osogovo-Belasitsa group; **RP** – Rila-Pirin group; **RR** – Rhodope Mts.; **RW** – Western Rhodope Mts.; **S** – Stara Planina Range System; **S1** – Podbalkan Basins; **S2** – Sredna Gora Mts.; **S21** – Ihtimanska Sredna Gora Mts.; **S211** – Lozenska Planina Mt.; **S22** – Sushtinska Sredna Gora Mts.; **S23** – Surnena Sredna Gora Mts.; **SB** – Stara Planina (Balkan) Mts.; **SP** – Predbalkan; **T** – Transitional Region; **T1** – Sakar-Toundzha district; **T11** – Sakar Mt.; **T2** – Bakadzhik-Bourgas district; **T3** – Strandzha-Dervent district; **T31** – Strandzha Mts.; **TK** – Kraishte-Konyavo district; **TL** – Thracian Lowland; **TS** – Srednogorie-Podbalkan subregion; **TT** – Toundzha-Strandzha subregion; **TV** – Vitosha district; **V1** – Sofia Basin; **V2** – Zavalska-Viskyar Mts.; **V3** – Lyulin Mt.; **V4** – Vitosha Mt.; **V5** – Plana Mts.

(2017) and Emeljanov (2018). The traditional nomenclature of the areas and the border between the Western and Eastern Palaearctic along the Yenisei River is accepted. To compare the fauna, Czekanowski-Dice-Sørensen coefficient of similarity is used (Czekanowski 1909, Dice 1945, Sørensen 1948).

For each species are given: 1) a recent scientific name, synonyms and names under which it is reported from Bulgaria; 2) distribution in the Bulgarian territory; 3) altitude at which it is established; 4) vegetation belts

which it inhabits; 5) aerographical characteristic (general distribution); 6) references. In various foreign publications species without localities, reported from Bulgaria, are included. In such cases, the sign „♠" (lack of data) is used. In some species more than one aerographical category is given. This is due to the differences in the taxa distribution, presented in the separated literature sources. In the introduced taxa, the natural range is indicated first and then is the secondary (anthropogenic) range. Unfortunately, in many publications recent ranges without information about the anthropogenic and natural ranges are given. The zoogeographical analysis includes only the first aerographical categories. Before the following categories, the question mark "**?**" is used (in case of differences between the literature sources) or the letter "**i**" (in case of data for introduction).

Abbreviations used

[ ] – names and synonyms under which the species are reported from Bulgaria; ● – species without precise locality; ♦ – species, presented everywhere, without precise locality; ▲ – species of human or veterinary medical significance; ▪ – enemy for forestry or agriculture; ♠ – lack of data; ♣ – outdated information; +++ – species, reported for the first time and localities, from which species are reported for the first time.

Vegetation belts: **1** – Xerothermic oak forests, **2** – Mesophylic and xeromesophylic mixed (oak-hornbeam) forests, **3** – Beech forests, **4** – Coniferous forests, **5** – Subalpine vegetation, **6** – Alpine vegetation.

Range types: **?** – probable category, **aa** – Arctoalpine, **am** – Arctomontane, **atm** – Afrotropical-Mediterranean, **ba** – Boreoalpine, **ban** – Balkan-Anatolian, **bc** – Balkan-Caucasian, **bci** – Balkan-Caucasian-Iranian, **bct** – Balkan-Caucasian-Turanian, **bm** – Boreomontane, **cee** – Central and East European, **ceean** – Central and East European-Anatolian, **ceet** – Central and East European-Turanian, **cse** – Central and South European, **csean** – Central and South European-Anatolian, **ceet** – Central and East European-Turanian, **cse** – Central and South European, **csean** – Central and South European-Anatolian, **cseanna** – Central and South European-Anatolian-North African, **csee** – Central and Southeast European, **cseean** – Central and Southeast European-Anatolian, **cseei** – Central and Southeast European-Iranian, **cseel** – Central and Southeast European-Lebanonian, **cseet** – Central and Southeast European-Turanian, **csei** – Central and South European-Iranian, **cseit** – Central and South European-Iran-Turanian, **csel** – Central and South European-Lebanonian, **csena** – Central and South European-North African, **csess** – Central and South European and South Siberian, **cset** – Central (Middle) and South European-Turanian, **csewca** – Central and South European-West Central Asian, **des** – Disjunct Eurosiberian, **dp** – Disjunct Palaearctic, **dpat** – Disjunct Palaearctic-Afrotropical, **dpo** – Disjunct Palaearctic-Oriental, **e** – European, **ean** – European-Anatolian, **eanca** – European-Anatolian-Central Asian, **eani** – European-Anatolian-Iranian, **eanit** – European-Anatolian-Iran-Turanian, **eanna** – European-Anatolian-North African, **eant** – European-Anatolian-Turanian, **Eb** – Balkan endemic, **Ebg** – Bulgarian endemic, **Ebs** – Balkan subendemic, **eca** – European-Central Asian, **ee** – East European, **eeca** – East European-Central Asian, **ees** – East European-Siberian, **eet** – East European-Turanian, **ei** – European-Iranian, **eit** – European-Iran-Turanian, **em** – East Mediterranean, **emca** – East Mediterranean-Central Asian, **emi** – East Mediterranean-Iranian, **emit** – East Mediterranean-Iran-Turanian, **en** – European-Neotropical, **ena** – European-North African, **eno** – European-Neotropical-Oriental, **eo** – European-Oriental, **Er** – Regional endemic, **esan** – Eurosiberian-Anatolian, **esanca** – Eurosiberian-Anatolian-Central Asian, **esca** – Eurosiberian-Central Asian, **esit** – Eurosiberian-Iran-Turanian, **ess** – European and South Siberian, **eswa** – European-Southwest Asian, **et** – European-Turanian, **ewca** – European-West Central Asian, **h** – Holarctic, **h*** – species introduced in North America, **ha** – Holarctic-Australian, **hat** – Holarctic-Afrotropical, **hata** – Holarctic-Afrotropical-Australian, **hn** – Holarctic-Neotropical, **hna** – Holarctic-Neotropical-Australian, **hnat** – Holarctic-Neotropical-Afrotropical, **hno** – Holarctic-Neotropical-Oriental, **ho** – Holarctic-Oriental, **hoa** – Holarctic-Oriental-Australian, **hoes** – Holoeurosiberian, **hom** – Holomediterranean, **hop** – Holopalaearctic, **hpt** – Holarctic-Paleotropical, **hpta** – Holarctic-Paleotropical-Australian, **hptn** – Holarctic-Paleotropical-Neotropical, **i** – introduced species (immigrants), **k** – Cosmopolitan, **m** – montane, **mca** – Mediterranean-Central Asian, **mfe** – Mediterranean-Far East, **mi** – Mediterranean-Iranian, **mit** – Mediterranean-Iran-Turanian, **mm** – montane-Mediterranean, **mss** – Mediterranean and South Siberian, **mt** – Mediterranean-Turanian, **mwca** – Mediterranean-West Central Asian, **nem** – Northeast Mediterranean, **nemi** – Northeast Mediterranean-Iranian, **nemit** – Northeast Mediterranean-Iran-Turanian, **nemwca** – Northeast Mediterranean-West Central Asian; **nm** – North Mediterranean, **nmca** – North Mediterranean-Central Asian, **nmi** – North Mediterranean-Iranian, **nmsfe** – North Mediterranean and South Far East, **nmsws** – North

Mediterranean and Southwest Siberian, **nmwca** – North Mediterranean-West Central Asian, **oem** – Oriental-East Mediterranean, **om** – Oriental-Mediterranean, **pa** – Palaearctic-Australian, **pat** – Palaearctic-Afrotropical, **pata** – Palaearctic-Afrotropical-Australian, **patn** – Palaearctic-Afrotropical-Neotropical, **pn** – Palaearctic-Neotropical, **po** – Palaearctic-Oriental, **poa** – Palaearctic-Oriental-Australian, **ppt** – Palaearctic-Paleotropical, **ppta** – Palaearctic-Paleotropical-Australian, **pptn** – Palaearctic-Paleotropical-Neotropical, **ptm** – Paleotropical-Mediterranean, **se** – South European, **see** – Southeast European, **seean** – Southeast European-Anatolian, **seeani** – Southeast European-Anatolian-Iranian, **seeanna** – Southeast European-Anatolian-North African, **seeca** – Southeast European-Central Asian, **seei** – Southeast European-Iranian, **seem** – Southeast European montane, **seena** – Southeast European-North African, **seesfe** – Southeast European and South Far East, **seess** – Southeast European and South Siberian, **seet** – Southeast European-Turanian, **seewca** – Southeast European-West Central Asian, **sena** – South European-North African, **sesfe** – South European and South Far East, **sess** – South European and South Siberian, **set** – South European-Turanian, **sk** – Semicosmopolitan, **sk*** – species introduced, **sp** – South Palaearctic, **spat** – South Palaearctic-Afrotropical, **spo** – South Palaearctic-Oriental, **sppt** – South Palaearctic-Paleotropical, **sppta** – South Palaearctic-Paleotropical-Australian, **swp** – Southwest Palaearctic, **swpat** – Southwest Palaearctic-Afrotropical, **swpnata** – Southwest Palaearctic-Neotropical-Afrotropical-Australian, **swpo** – Southwest Palaearctic-Oriental, **swppt** – Southwest Palaearctic-Paleotropical, **tes** – Transeurosiberian, **tp** – Transpalaearctic, **wces** – West and Central Eurosiberian, **wcp** – West and Central Palaearctic, **wes** – West Eurosiberian, **wesan** – West Eurosiberian-Anatolian, **wesanca** – West Eurosiberian-Anatolian-Central Asian, **wesani** – West Eurosiberian-Anatolian-Iranian, **wesant** – West Eurosiberian-Anatolian-Turanian, **wesca** – West Eurosiberian-Central Asian, **wesit** – West Eurosiberian-Iran-Turanian, **west** – West Eurosiberian-Turanian, **weswca** – West Eurosiberian-West Central Asian, **wp** – West Palaearctic, **wpat** – West Palaearctic-Afrotropical, **wpn** – West Palaearctic-Neotropical, **wpo** – West Palaearctic-Oriental, **wppt** – West Palaearctic-Paleotropical.

Results and Discussion

A total of 5038 species of Diptera – 26.3% of the European species (Nematocera – 1672 species, 22.4%; Brachycera – 3366 species, 28.8%) that belong to 110 families has been established in Bulgaria so far. The families Tachinidae (425 species), Chironomidae (327 species), Syrphidae (303 species), Muscidae (268 species), Mycetophilidae (263 species), Cecidomyiidae (262 species), Phoridae (229 species), Limoniidae (221 species) and Dolichopodidae (217 species) are the most numerous. The other families contain less than 200 species (Table 2).

Of all 132 families known from Europe (Oosterbroek 2006), twenty-two families have not been found in Bulgaria. Of Nematocera (32 families), six families (Axymyiidae, Pachyneuridae, Pleciidae, Mycetobiidae, Synneuridae and Canthyloscelidae) have not been found and of Brachycera (100 families), sixteen families (Rachiceridae, Hilarimorphidae, Brachystomatidae, Mydidae, Opetiidae, Pseudopomyzidae, Tanypezidae, Strongylophthalmyiidae, Megamerinidae, Heterocheilidae, Pyrgotidae, Stenomicridae, Xenasteiidae, Cryptochetidae, Chiropteromyzidae and Cnemospathidae) have not been established. These families (with the exception of Mycetobiidae, Brachystomatidae and Mydidae – 4 to 13 species) are represented by 1 to 3 species in Europe.

Usually the families studied in Bulgaria include over 25% of the European species. Of the largest families (over 800 species in Europe) – Mycetophilidae (945 species), Cecidomyiidae (1640 species), Chironomidae (1190 species), Empididae (810 species), Syrphidae (830 species), Agromysidae (910 species) and Tachinidae (880 species), in Bulgaria are found 27.8%, 16.0%, 27.5%, 22.6%, 36.5%, 20.9% and 48.3% of the European species. The families Limoniidae, Tabanidae, Syrphidae, Conopidae, Calliphoridae and Sarcophagidae are well represented – from 36.5% to 48.2% of the European taxa. In Bulgaria the families Culicidae, Chloropidae, Ephydridae and Muscidae have been studied for the longest time and most systematically, which includes from 40.3% to 46.4% of the European species. The families Scatopsidae, Thaumaleidae, Platypezidae, Micropezidae, Lonchaeidae, Pallopteridae, Trixoscelididae and Chyromyidae are the most poorly studied in Bulgaria. Of these families, from 1.7% to 5.3% of the European taxa are known. Of the larger families, Ceratopogonidae, Sciaridae and Anthomyiidae are poorly studied, of which from 11.0% to 13.5% of the European species are known in Bulgaria. Of the family Bombyliidae, a total of 89 species (26.2% of the European forms) has been established but thirty-two of them have been reported for Bulgaria based on their distribution in the neighboring countries. Actually, 57 species (16.8% of the European taxa) have been established in the territory of Bulgaria and the family can be considered poorly studied. Some old data about the Chironomidae family, collected in the hydrobiological stud-

Table 2. The distribution of Diptera according to the vegetation belts of Bulgaria

Families	Total number	Vegetation belts of Bulgaria					
		Xerothermic oak forests – up to 500-700 m	Mesophyllic and xeromesophyllic oak-hornbeam forests – from 600-700 m to 900-1000 m	Beech forests - from 900-1000 to 1500-1600 m	Coniferous forests – from 1500-1600 m to 2000-2200 m	Subalpine vegetation – from 2000-2200 m to 2500 m	Alpine vegetation – over 2400-2500 m
NEMATOCERA (7456)	**1672 (22.4)**	**1087 (65.0)**	**932 (55.7)**	**756 (45.2)**	**314 (18.8)**	**84 (5.0)**	**14 (0.8)**
Tipulomorpa (1146)	**343 (29.9)**	**171 (15.7)**	**144 (15.4)**	**157 (20.8)**	**84 (26.7)**	**27 (32.1)**	**4 (28.6)**
Tipulidae (470)	89 (18.9)	50 (4.6)	38 (4.1)	18 (2.4)	6 (1.9)	4 (4.8)	1 (7.1)
Limoniidae (560)	221 (39.5)	117 (10.8)	100 (10.7)	118 (15.6)	66 (21.0)	21 (25.0)	3 (21.4)
Pediciidae (60)	25 (41.7)	3 (0.3)	3 (0.3)	16 (2.1)	10 (3.2)	2 (2.4)	
Cylindrotomidae (6)	1 (16.6)			1 (0.1)	1 (0.3)		
Trichoceridae (50)	7 (14.0)	1 (0.09)	3 (0.3)	3 (0.4)	1 (0.3)		
Blephariceromorpha (38)	**8 (21.0)**		**5 (0.5)**	**3 (0.4)**	**1 (0.3)**		
Blephariceridae (38)	8 (21.0)		5 (0.5)	3 (0.4)	1 (0.3)		
Bibionomorpha (3409)	**687 (20.1)**	**396 (36.4)**	**441 (47.3)**	**373 (49.3)**	**113 (36.0)**	**7 (8.3)**	
Bibionidae (47)	13 (27.6)	10 (0.9)	9 (1.0)	2 (0.3)	1 (0.3)		
Hesperinidae (1)	1 (100.0)		1 (0.1)	1 (0.1)			
Mycetophilidae (945)	263 (27.8)	135 (12.4)	192 (20.6)	172 (22.7)	58 (18.5)	3 (3.6)	
Ditomyiidae (3)	3 (100.0)	2 (0.2)	2 (0.2)	2 (0.3)			
Bolitophilidae (36)	10 (27.8)	4 (0.4)	7 (0.7)	7 (0.9)	5 (1.6)		
Diadocidiidae (5)	3 (60.0)	1 (0.09)	2 (0.2)	3 (0.4)	2 (0.6)		
Keroplatidae (110)	48 (43.6)	38 (3.5)	31 (3.3)	23 (3.0)	16 (5.1)		
Sciaridae (620)	84 (13.5)	38 (3.5)	52 (5.6)	40 (5.3)	3 (1.0)		
Cecidomyiidae (1640)	262 (16.0)	168 (15.5)	145 (15.6)	123 (16.3)	28 (8.9)	4 (4.8)	
Psychodomorpha (617)	**109 (17.7)**	**75 (6.9)**	**48 (5.1)**	**35 (4.6)**	**14 (4.5)**	**1 (1.2)**	
Psychodidae (500)	102 (20.4)	71 (6.5)	45 (4.8)	33 (4.4)	14 (4.5)	1 (1.2)	
Anisopodidae (10)	3 (30.0)	1 (0.09)	3 (0.3)	1 (0.1)			
Scatopsidae (100)	4 (4.0)	3 (0.3)		1 (0.1)			
Ptychopteromorpha (15)	**5 (33.3)**	**3 (0.3)**	**2 (0.2)**		**1 (0.3)**		
Ptychopteridae (15)	5 (33.3)	3 (0.3)	2 (0.2)		1 (0.3)		
Culicomorpha (2231)	**521 (23.3)**	**442 (40.7)**	**292 (31.3)**	**188 (24.9)**	**101 (32.2)**	**49 (58.3)**	**10 (71.4)**
Dixidae (32)	2 (6.2)	2 (0.2)	1 (0.1)				
Chaoboridae (9)	1 (11.1)	1 (0.09)	1 (0.1)	1 (0.1)			
Culicidae (105)	47 (44.8)	46 (4.2)	22 (2.4)	15 (2.0)	3 (1.0)	1 (1.2)	
Thaumaleidae (75)	4 (5.3)	1 (0.09)	2 (0.2)	1 (0.1)	1 (0.3)		
Simuliidae (230)	74 32.2)	40 (3.7)	47 (5.0)	42 (5.5)	33 (10.5)	20 (23.8)	
Ceratopogonidae (590)	66 (11.2)	61 (5.6)	35 (3.7)	7 (0.9)	3 (1.0)	2 (2.4)	1 (7.1)
Chironomidae (1190)	327 (27.5)	291 (26.8)	184 (19.7)	122 (16.1)	61 (19.4)	26 (31.0)	9 (64.3)
BRACHYCERA (11701)	**3366 (28.7)**	**2275 (68.0)**	**1666 (49.8)**	**1516 (45.3)**	**809 (24.2)**	**264 (7.9)**	**43 (1.3)**
Orthorrhapha (1552)	**379 (24.4)**	**276 (12.1)**	**195 (11.7)**	**134 (8.8)**	**72 (8.9)**	**15 (5.7)**	**6 (13.9)**
Xylophagomorpha (6)	**2 (33.3)**	**1 (0.04)**	**1 (0.06)**	**1 (0.06)**			
Xylophagidae (5)	1 (20.0)	1 (0.04)	1 (0.06)				
Coenomyiidae (1)	1 (100.0)			1 (0.06)			
Stratiomyomorpha (148)	**51 (34.5)**	**43 (1.9)**	**23 (1.4)**	**12 (0.8)**	**3 (0.4)**		

Families	Total number	Vegetation belts of Bulgaria					
		Xerothermic oak forests – up to 500-700 m	Mesophyllic and xeromesophyllic oak-hornbeam forests – from 600-700 m to 900-1000 m	Beech forests - from 900-1000 to 1500-1600 m	Coniferous forests – from 1500-1600 m to 2000-2200 m	Subalpine vegetation – from 2000-2200 m to 2500 m	Alpine vegetation – over 2400-2500 m
Xylomyidae (8)	1 (12.5)	1 (0.04)					
Stratiomyidae (140)	50 (35.7)	42 (1.8)	23 (1.4)	12 (0.8)	3 (0.4)		
Tabanomorpha (1398)	**326 (23.3)**	**232 (10.2)**	**171 (10.2)**	**121 (8.0)**	**69 (8.5)**	**15 (5.7)**	**6 (13.9)**
Rhagionidae (85)	18 (21.2)	10 (0.4)	8 (0.5)	10 (0.6)	4 (0.5)	1 (0.4)	
Athericidae (10)	2 (20.0)		2 (0.1)				
Tabanidae (220)	85 (38.6)	73 (3.2)	59 (3.5)	44 (2.9)	31 (3.8)	6 (2.3)	4 (9.3)
Vermileonidae (9)	1 (11.1)	1 (0.04)					
Nemestrinidae (13)	1 (7.7)	1 (0.04)					
Acroceridae (35)	2 (5.7)	1 (0.04)			1 (0.1)	1 (0.4)	1 (2.3)
Bombyliidae (340)	89 (26.2)	48 (2.1)	34 (2.0)	9 (0.6)	4 (0.5)		
Mythicomyiidae (30)	2 (6.7)	2 (0.09)					
Therevidae (100)	10 (10.0)	6 (0.3)	4 (0.2)	5 (0.3)			
Scenopinidae (16)	2 (12.5)	2 (0.09)	1 (0.06)				
Asilidae (540)	114 (21.1)	88 (3.9)	63 (3.8)	53 (3.5)	29 (3.6)	7 (2.6)	1 (2.3)
Eremoneura (2045)	**494 (24.1)**	**274 (12.0)**	**167 (10.0)**	**209 (13.8)**	**108 (13.3)**	**17 (6.4)**	**1 (2.3)**
Empididae (810)	183 (22.6)	63 (2.8)	68 (4.1)	106 (7.0)	60 (7.4)	8 (3.0)	1 (2.3)
Hybotidae (440)	87 (19.8)	47 (2.1)	32 (1.9)	36 (2.4)	18 (2.2)	1 (0.4)	
Atelestidae (4)	2 (50.0)			2 (0.1)			
Microphoridae (16)	5 (31.2)	2 (0.09)	4 (0.2)	3 (0.2)			
Dolichopodidae (775)	217 (27.0)	162 (7.1)	63 (3.8)	62 (4.1)	30 (3.7)	8 (3.0)	
Cyclorrhapha (8104)	**2490 (30.7)**	**1725 (75.8)**	**1304 (78.3)**	**1173 (77.4)**	**629 (77.7)**	**232 (87.9)**	**37 (86.0)**
Aschiza (1693)	564 (33.3)	315 (13.8)	323 (19.4)	349 (23.0)	164 (20.3)	82 (31.1)	3 (7.0)
Platypezidae (45)	2 (4.4)		2 (0.1)	1 (0.06)			
Lonchopteridae (13)	4 (30.8)	4 (0.2)	3 (0.2)	3 (0.2)	2 (0.2)	1 (0.4)	
Phoridae (605)	229 (37.8)	87 (3.8)	123 (7.4)	160 (10.5)	92 (11.4)	64 (24.2)	
Pipunculidae (200)	26 (13.0)	18 (0.8)	13 (0.8)	8 (0.5)	7 (0.9)	1 (0.4)	1 (2.3)
Syrphidae (830)	303 (36.5)	206 (9.0)	182 (10.9)	177 (11.7)	63 (7.8)	16 (6.1)	2 (4.6)
Schizophora (6411)	1925 (30.0)	1410 (62.0)	981 (58.9)	824 (54.3)	465 (57.5)	150 (56.8)	34 (79.1)
Acalyptratae (3696)	**941 (25.5)**	**719 (31.6)**	**417 (25.0)**	**335 (22.1)**	**200 (24.7)**	**90 (34.1)**	**21 (48.8)**
Micropezidae (22)	1 (4.5)	1 (0.04)	1 (0.06)				
Psilidae (50)	7 (14.0)	6 (0.3)	1 (0.06)	1 (0.06)	1 (0.1)		
Diopsidae (1)	1 (100.0)	1 (0.04)					
Conopidae (85)	41 (48.2)	33 (1.4)	26 (1.6)	21 (1.4)	7 (0.9)	1 (0.4)	
Lonchaeidae (100)	5 (5.0)	4 (0.2)	1 (0.06)		1 (0.1)		
Ulidiidae (29)	3 (10.3)	2 (0.09)	1 (0.06)	1 (0.06)	1 (0.1)		
Otitidae (76)	13 (17.1)	10 (0.4)	1 (0.06)				
Platystomatidae (20)	4 (20.0)	3 (0.1)	1 (0.06)				
Tephritidae (270)	79 (29.2)	61 (2.7)	29 (1.7)	17 (1.1)	9 (1.1)	4 (1.5)	
Pallopteridae (23)	1 (4.3)	1 (0.04)					
Piophilidae (30)	3 (10.0)	3 (0.1)	2 (0.1)	1 (0.06)	1 (0.1)		
Lauxaniidae (160)	21 (13.1)	9 (0.4)	2 (0.1)	1 (0.06)			

Families	Total number	Vegetation belts of Bulgaria					
		Xerothermic oak forests – up to 500-700 m	Mesophyllic and xeromesophyllic oak-hornbeam forests – from 600-700 m to 900-1000 m	Beech forests - from 900-1000 to 1500-1600 m	Coniferous forests – from 1500-1600 m to 2000-2200 m	Subalpine vegetation – from 2000-2200 m to 2500 m	Alpine vegetation – over 2400-2500 m
Cremifaniidae (2)	1 (50.0)					1 (0.4)	
Chamaemyiidae (110)	29 (26.4)	22 (1.0)	15 (0.9)	15 (1.0)	9 (1.1)	5 (1.9)	1 (2.3)
Coelopidae (3)	3 (100.0)	2 (0.09)					
Dryomyzidae (4)	2 (50.0)	2 (0.09)	2 (0.1)	2 (0.1)	1 (0.1)		
Sciomyzidae (140)	36 (25.7)	24 (1.0)	10 (0.6)	1 (0.06)			
Phaeomyiidae (3)	1 (33.3)		1 (0.06)				
Helcomyzidae (2)	1 (50.0)	1 (0.04)					
Sepsidae (50)	11 (22.0)	7 (0.3)	3 (0.2)	2 (0.1)	1 (0.1)		
Acartophthalmidae (3)	2 (66.7)	1 (0.04)	1 (0.06)		1 (0.1)		
Odiniidae (14)	2 (14.3)	2 (0.09)					
Agromyzidae (910)	190 (20.9)	119 (5.2)	82 (4.9)	74 (4.9)	28 (2.5)	11 (4.2)	2 (4.6)
Opomyzidae (33)	7 (21.2)	6 (0.3)	6 (0.4)	6 (0.4)	4 (0.5)	3 (1.1)	1 (2.3)
Anthomyzidae (30)	5 (16.7)	3 (0.1)					
Aulacigastridae (4)	1 (25.0)	1 (0.04)					
Periscelididae (4)	1 (25.0)	1 (0.04)	1 (0.06)	1 (0.06)			
Asteiidae (18)	3 (16.7)	3 (0.1)	1 (0.06)				
Braulidae (3)	3 (100.0)	1 (0.04)					
Carnidae (40)	8 (20.0)	4 (0.2)	5 (0.3)	5 (0.3)	6 (0.7)	2 (0.7)	1 (2.3)
Tethinidae (35)	7 (20.0)	7 (0.3)					
Canacidae (4)	1 (25.0)	1 (0.04)					
Milichiidae (45)	8 (17.8)	7 (0.3)	4 (0.2)	2 (0.1)	1 (0.1)	1 (0.4)	
Chloropidae (395)	166 (42.0)	150 (6.6)	109 (6.5)	92 (6.1)	67 (8.3)	31 (11.7)	5 (11.6)
Siphonellopsidae (3)	2 (66.7)	2 (0.09)	1 (0.06)				
Heleomyzidae (150)	51 (34.0)	32 (1.4)	26 (1.6)	25 (1.6)	15 (1.8)	7 (2.6)	
Trixoscelididae (25)	1 (4.0)	1 (0.04)					
Chyromyidae (60)	1 (1.7)	1 (0.04)	1 (0.06)				
Sphaeroceridae (260)	60 (23.1)	36 (1.6)	12 (0.7)	11 (0.7)	9 (1.1)	3 (1.1)	
Curtonotidae (1)	1 (100.0)	1 (0.04)					
Camillidae (8)	1 (12.5)	1 (0.04)	1 (0.06)				
Drosophilidae (120)	17 (14.2)	14 (0.6)	6 (0.4)	3 (0.2)	2 (0.2)	1 (0.4)	1 (2.3)
Campichoetidae (7)	2 (28.6)	3 (0.1)	1 (0.06)				
Diastatidae (9)	4 (44.4)	3 (0.1)	2 (0.1)	2 (0.1)			
Ephydridae (335)	135 (40.3)	127 (5.6)	62 (3.7)	52 (3.4)	36 (4.4)	20 (7.6)	10 (23.2)
Calyptratae (2715)	**985 (36.3)**	**691 (30.4)**	**564 (33.8)**	**489 (32.2)**	**265 (32.7)**	**60 (22.7)**	**13 (30.2)**
Hippoboscidae (30)	12 (40.0)	10 (0.4)	6 (0.4)	4 (0.3)	3 (0.4)	3 (1.1)	
Streblidae (1)	1 (100.0)	1 (0.04)	1 (0.06)				
Nycteribiidae (15)	7 (46.7)	7 (0.3)	7 (0.4)	4 (0.3)			
Scathophagidae (160)	11 (6.9)	4 (0.2)	3 (0.2)	5 (0.3)	1 (0.1)		1 (2.3)
Anthomyiidae (480)	53 (11.0)	34 (1.5)	25 (1.5)	22 (1.4)	13 (1.6)		
Fanniidae (82)	27 (32.9)	22 (1.0)	18 (1.1)	18 (1.2)	8 (1.0)	2 (0.7)	1 (2.3)
Muscidae (575)	267 (46.4)	190 (8.3)	162 (9.7)	167 (11.0)	132 (16.3)	30 (11.4)	7 (16.3)

Families	Total number	Vegetation belts of Bulgaria					
		Xerothermic oak forests – up to 500-700 m	Mesophyllic and xeromesophyllic oak-hornbeam forests – from 600-700 m to 900-1000 m	Beech forests - from 900-1000 to 1500-1600 m	Coniferous forests – from 1500-1600 m to 2000-2200 m	Subalpine vegetation – from 2000-2200 m to 2500 m	Alpine vegetation – over 2400-2500 m
Calliphoridae (115)	41 (35.6)	36 (1.6)	20 (1.2)	14 (0.9)	9 (1.1)	1 (0.4)	
Sarcophagidae (310)	122 (39.3)	107 (4.7)	47 (2.8)	39 (2.6)	32 (3.9)	9 (3.4)	
Rhinophoridae (45)	8 (17.8)	6 (0.3)	2 (0.1)	1 (0.06)			
Oestridae (8)	2 (25.0)	2 (0.09)	1 (0.06)				
Hypodermatidae (8)	4 (50.0)	4 (0.2)	2 (0.1)	1 (0.06)			
Gasterophilidae (6)	4 (66.7)	3 (0.1)	3 (0.2)	3 (0.2)			
Tachinidae (880)	425 (48.3)	265 (11.6)	267 (16.0)	211 (13.9)	67 (8.3)	15 (5.7)	4 (9.3)
DIPTERA: 19157	**5038 (26.3)**	**3362 (66.7)**	**2598 (51.6)**	**2272 (45.1)**	**1123 (22.3)**	**348 (6.9)**	**57 (1.1)**

Note. After the families the number of species established in Europe is given in brackets according to Osterbroek (2006) with changes in Ulidiidae and Chloropidae. The percentages for the vegetation belts are calculated separately for Nematocera and Brachycera (and not total for Diptera).

ies, are problematic (in some cases incorrect identification is not excluded as an accurate determination of the larvae by species is not always possible). In the last 10 years, two new families have been found for the Bulgarian fauna – Cremifaniidae (Papp 2010) and Diopsidae (Kutsarov & Hubenov 2019).

The infraorders of Nematocera, represented in Bulgaria, include from 17.7% (Psychodomorpha) to 33.3% (Ptychopteromorpha) of the European taxa. Of the infraorders of Brachycera, Orthorrhapha includes 24.4%, Eremoneura – 24.0% and Cyclorrhapha – 30.7% of the European species (Acalyptratae – 25.4% and Calyptratae – 36.3%).

Of the established in Bulgaria species of the order Diptera, 75 species have a medical significance and 61 species are pests on the vegetation. Of the suborder Nematocera, 26 species have a human or veterinary medical significance and 40 species are pests on the forestry or agriculture. Most representatives of medical significance includes the family Culicidae (13), followed by Ceratopogonidae (7), Psychodidae (5) and Simuliidae (1). The main part of the vegetation pests belongs to the family Cecidomyiidae (35). Only 5 species are shared out among Tipulidae (2), Bibionidae (2) and Sciaridae (1). Of the suborder Brachycera, 49 species have a human or veterinary medical significance and 20 species are pests on the forestry or agriculture. Most representatives of medical significance include the families Muscidae (11) and Tabanidae (9), followed by Sarcophagidae (5), Calliphoridae (4), Hypodermatidae (4), Gastrophilidae (4), Fanniidae (3) Hippoboscidae (3), Oestridae (2), Piophilidae (2), Braulidae (1) and Anthomyiidae (1). The main part of the vegetation pests belongs to Anthomyiidae (6), Tephritidae (4) and Chloropidae (4). With one species each are presented Psilidae, Lonchaeidae, Agromyzidae, Opomyzidae, Heleomyzidae, Drosophilidae and Ephydridae. The medical significance of Culicidae, Ceratopogonidae, Oestridae, Hypodermatidae, Gasterophilidae and the separate species of Simuliidae, Tabanidae, Piophilidae, Hippoboscidae, Calliphoridae and Sarcophagidae are connected with the predominant distribution in the first 2-3 vegetation belts where the main part of the population is concentrated.

The distribution of Diptera on the territory of Bulgaria (Table 1) is related to the specific natural conditions of the respective regions, the peculiarities of the families and their study. The wide distribution of Diptera assumes a similar fauna of the different regions after a good research. Most dipterans have vast ranges and the endemics are poorly represented [128 species – 2.5% (Nematocera – 3.6% and Brachycera – 2.0%)]. Often these are newly described taxa or rare species with unclear range. The taxa presence is connected with the exploration of the

corresponding parts of the country. This is evident when comparing the established species with regard to the separate regions in Bulgaria. In Nematocera there are no data for the mountains Rouy, Vlahina, Maleshevska, Ograzhden and the Trun Basin. For the fifteen natural territories (1-29 species known) there are single reports (Eastern Predbalkan, Eastern Stara Planina Mts., the mountains of Kraishte, Viskyar and Zavalska, Sushtinska and Surnena Sredna Gora Mts., Sakar Mt., Bakadzhik-Bourgas district, Osogovska Planina Mts., Belasitsa Mts., Slavyanka Mt. and Sturgach Mt.). In Brachycera there are no data for Verila Mts. One-two species each are known from the mountains Rouy, Strazha, Cherna Gora, Rudini, Zemenska, Zavalska, Viskyar and Vlahina. For the five natural territories (below 30 species found) there are single reports (Eastern Predbalkan, Golo Burdo, Konyavska, Osogovska and Maleshevska Planina Mountains).

Several areas with better research of the Diptera fauna are outlined. These are natural areas located near research centers, included in the national and nature parks, or areas subject of dissertation works for separate families. Among the territories with better study of the fauna with respect to more systematic groups (represented by over 14-15% of the species found in Bulgaria) are the Western Predbalkan, Western Stara Planina Mts., Sofia Basin, Vitosha Mt., Thracian Lowland, Rila, Pirin and Western Rhodope Mts. and the Black Sea Coast (from 14.8% to 27.3% of Nematocera and 15.4% до 30.4% of Brachycera, established in Bulgaria). In the Western Stara Planina Mts., Vitosha Mt., Thracian Lowland, Srednostroumska Valley, Western Rhodope Mts. and the Black Sea Coast, dissertation works have been performed on the families Mycetophilidae, Cecidomyiidae, Tabanidae, Empididae, Dolichopodidae, Phoridae and Tachinidae. There is a decreasing tendency of the level of research from west to east and from north to south, which is followed in the Stara Planina Range system, the Rila-Rhodope massif and the Black Sea coast. An exception of this tendency are the mountains in the western part of the Transitional Region (west of Sofia) which are traditionally neglected by the most zoologists and are poorly studied. Investigations on the synbovil and synanthropic forms of the families Tabanidae, Fanniidae, Muscidae, Calliphoridae and Sarcophagidae have enriched the faunistic composition of the Brachycera in the Eastern Danubian Plain, Sofia Basin, Surnena Sredna Gora Mts., Thracian Lowland and the Black Sea Coast.

Regarding to all Diptera it is impressive the close species diversity between the Transitional Region and the Rila-Rhodope massif (53.3-53.5% of all species established). There are small differences in the suborders. For Nematocera, the species diversity is closer between the Danubian Plain and the Black Sea coast (19.6-21.9% of the species established) on the one hand and the Stara Planina Range system, the Transitional Region and the Rila-Rhodope massif (43.0-48.6% of the species established) from another. For Brachycera, the species diversity is closer between the Transitional Region and the Rila-Rhodope massif (55.9-56.6% of the species established) on the one hand and the Stara Planina Range system and the Black Sea coast (30.6-30.7% of the species established) from another. The most visited and explored territories such as Sofia Basin, Vitosha Mt., Struma River Valley and the Rila, Pirin and Western Rhodope Mts. are in the Transitional Region and the Rila-Rhodope massif. For Sredna Gora Mts. it can be noted that almost half of the taxa (223 species – 49.2%) are found in the Lozenska Planina Mt. (a small part of the Ihtimanska Sredna Gora Mts., located near Sofia) and the Sushtinska (21.2% of the species) and Surnena Sredna Gora Mts. (22.7% of the species) are poorly studied. The situation is similar in the Toundzha-Strandzha subregion where the most species (74.9%) are found in the Strandzha Mts. (all species of the Strandzha-Dervent district). Of the mountains of the Osogovo-Belasitsa group most species are known from Belasitsa. The Rila-Pirin group is dominated by the taxa found in the Rila (63.9%) and Pirin (51.2%) Mts., while there are few reports for Slavyanka and Sturgach Mt. The difference in the number of species between the valleys of the rivers Struma (708 species – 14.1%) and Mesta (221 species – 4.4%) is determined both by the specific natural conditions and the many studies of the Sandanski-Petrich Valley and Kresna Gorge compared to the limited research in the valley of the Mesta River. The difference between the Western (1403 species – 27.9%) and Eastern Rhodope Mts. (536 species – 10.7%) is also related to the natural conditions and prevailing interest of the specialists in the Western Rhodope Mts. Vitosha Mt. is the most well-studied Bulgarian mountain with a taxonomic diversity (1301 species – 25.9%) comparable to that of the Stara Planina Mts., Rila and Western Rhodope Mts. despite its smaller area. In the better studied families (Limoniidae, Simuliidae and Tachinidae) the differences among the Vitosha, Rila and Pirin Mts. are not big (Hubenov 2019b). Further studies of the Pirin Mts. would like increase the number of the dipterans and it might exceed most of the Bulgarian mountains. This is related to the wide variety of natural habitats, as well as the geographical location which the mountain occupies in Southwest Bulgaria. The Sofia Basin is the best studied area (1079 species – 21.5% of the species established in Bulgaria). A comparison of Brachycera with Nematocera shows differences among the separate territorial units (Table 1) which reach to 12.3% in the Stara Planina Range System.

The greatest number of species (3362 – 66.7%) has been established in the xerothermic oak forests belt (Table 2). This is due to the specificity of the separate families and the position of the most localities below 1000 m a.s.l. In the next two belts – the mesophilic and xeromesophilic mixed forests (2598 species – 51.6%) and beech forests (2272 species – 45.1%), the number of species decreases with 15.2% and 21.7%. In the other vegetation belts the number of species decreases almost triple in the coniferous belt (1123 species – 22.4%) and sharply in the subalpine and alpine vegetation belts (348 species – 6.9% and 57 species – 1.1%). There is an exception in the families Limoniidae, Pediciidae, Trichoceridae, Mycetophilidae, Bolitophilidae, Sciaridae, Cecidomyiidae, Chironomidae, Simuliidae, Phoridae, Chloropidae, Ephydridae, Muscidae, Sarcophagidae and Tachinidae (well represented from the beech to the subalpine vegetation belts), which are studied and well represented in the mountainous areas. In Nematocera this explains the percentage increase of Tipulomorpha (20.8% – 32.1%) and Culicomorpha (24.9% – 58.3%) from the beech to the subalpine vegetation belts. In Bibionomorpha, the percentage increase is greatest in the beech forests belt (49.3%). This is related to the research of the superfamily Sciaroidea in the Vitosha and Western Stara Planina Mts. Most hydrobiological studies are concentrated in the first 2-3 vegetation belts (mainly below 1300 m a.s.l.) and are connected mainly with the families Tipulidae, Simuliidae and Chironomidae. In Brachycera, Tabanidae, Phoridae, Chloropidae, Ephydridae, Muscidae, Sarcophagidae and Tachinidae determine the increase of Tabanomorpha (8.5% – 13.9%), Aschiza (23.0% – 31.1%), Schizophora (54.3% – 79.1%), Acalyptratae (22.1% – 48.8%) and the strong presence of Calyptratae (22.7% – 32.7%) from the beech to the alpine vegetation belts. The infraorder Cyclorrhapha (from 75.8% to 87.9%) predominates in all belts and determines the faunistic diversity. Often there are open spaces in which species from the surrounding valleys penetrate and the fauna of the first two vegetation belts is similar. The families Cylindrotomidae, Blephariceridae, Hesperinidae, Coenomyiidae, Athericidae, Atelestidae and Platypezidae have not been established in the belt of the xerothermic oak forests. In Nematocera, most families (24 each) are represented in the belts of the mesophilic and xeromesophilic mixed forests and beech forests. In the coniferous belts (314 species – 18.8%), 20 families have been found and the species composition is determined by the larger ones – Limoniidae, Mycetophilidae, Keroplatidae, Cecidomyiidae, Simuliidae and Chironomidae. In Brachycera, most families (80 and 64) are represented in the belts of the xerothermic oak forests and the mesophilic and xeromesophilic mixed forests. In the next 3 belts the diversity decreases with 10 families each (from 50 in the beech belt to 30 in the subalpine belt) and the species composition is determined by the families Tabanidae, Asilidae, Empididae, Dolichopodidae, Phoridae, Syrphidae, Agromyzidae, Chloropidae, Ephydridae, Muscidae, Sarcophagidae and Tachinidae. The upper limit of the coniferous forests gradually passes into the subalpine vegetation with wide mixing zones. Thus, some of the species are common to both vegetation belts and the number of taxa established in the subalpine belt increases. Forty families are presented, of which Limoniidae, Simuliidae, Chironomidae, Phoridae, Syrphidae, Chloropidae, Ephydridae, Muscidae and Tachinidae determine the faunistic diversity. Of the species found in the alpine vegetation belt (14 species – 0.8% of Nematocera and 43 species – 1.3% of Brachycera), three species are typical only for it [*Micropsectra radialis* Goet. – Palaearctic-Oriental species of Chironomidae; *Didea alneti* (Fallén, 1817) – Holarctic species of Syrphidae; *Eudorylas jenkinsoni* Coe, 1966 – European species of Pipunculidae]. The other species have been established in the subalpine belt and most of them in other vegetation belts as well. Twenty-one families have been found in the alpine zone, as the families Chironomidae, Tabanidae, Chloropidae, Ephidridae, Muscidae and Tachinidae mainly determine the faunistic diversity.

When comparing the generalized data for the Vrachanska Planina Mts., Vitosha, Rila and Pirin Mts. (Hubenov 2019b) it is seen that the fauna of the subalpine belt of the Vitosha Mt. is richer than the fauna of the Rila and Pirin Mts. This is due to the lower height of the Vitosha Mt. and the lack of a clear coniferous belt in the southern parts of the mountain. With the exception of some families, the investigations in this part of the Rila and Pirin Mts. are insufficient and fragmentary. The degree of similarity between the vegetation belts of the Rila and Pirin Mts. is low. It is the largest (46.6%) in the second vegetation belt and is completely lacking in the alpine zone (Table 3).

Regarding to the hypsometric belts, there are significant variations in the maximum number of species among the families in the separate mountains. In the Vrachanska Planina Mts., the maximum number of species was recorded between 300 and 600 m a.s.l. In the Vitosha and Pirin Mts. this number is located between 900 and 1300 m a.s.l., and in the Rila Mts. – between 1000 and 1500 m a.s.l. In general, for the whole country maximum number of species was established between 400 and 1000 m a.s.l. as there are differences in the mountains of ±200 m (Hubenov 1993, 2019b). In some cases, the finding of species at certain altitude is accidental. The lack of systematic research on many families, the unclear boundaries among the vegetation belts and the fragmen-

Table 3. Similarity of the Diptera fauna in percentages according to the vegetation belts of the Rila and Pirin mountains

Vegetation belts of the Pirin Mts.	Vegetation belts of the Rila Mts.					
	1	2	3	4	5	6
1	40.8 (108)					
2		46.6 (163)				
3			40.9 (234)			
4				30.7 (83)		
5					25.7 (23)	
6						0 (0)

Note. 1 – Xerothermic oak forests, 2 – Mesophyllic and xeromesophyllic oak-hornbeam forests, 3 – Beech forests, 4 – Coniferous forests, 5 – Subalpine vegetation, 6 – Alpine vegetation; Common species are given in brackets.

tary data for most dipterans do not allow explicit conclusions about the adherence of the taxa to one or another vegetation zone to be made. The distribution of species in groups according to their presence in the vegetation belts has a relative character and depends on the specific features of taxa and research areas, as well as on the duration of the research. There is a correlation between the horizontal and vertical distribution of Diptera. The species with wide vertical distribution usually comprise large areas of the European, Eurosiberian, Palaearctic, Super Palaearctic and Cosmopolitan type. The dipterans found in the subalpine and alpine zones of the Rila and Pirin Mts. have Holarctic-Oriental, Holarctic, Transpalaearctic, West and Central Palaearctic, West Palaearctic, European-North African, Holoeurosiberian, West and Central Eurosiberian, West Eurosiberian, Disjunct Eurosiberian and European ranges (Hubenov 2017, 2019b).

The zoogeographical categorization of the species was made on the basis of current data about their distribution. Thus, the dipterans are divided into 150 categories, combined into three main groups and six complexes (Table 4).

Species distributed in the Palaearctic and beyond it. This group (1199 species – 23.9%) includes 45 categories, of which 32 combine species of northern type (widely distributed in the Holarctic and Palaearctic) and 13 – species of southern type (distributed only in the southern parts of the Palaearctic). The difference between the separate vegetation belts reaches 18.1% and varies from 25.8% (beech forests) to 43.9% (alpine vegetation). Of the other areographical categories, this difference is the highest in the Cosmopolitan (6.0%) and the Holarctic (6.7%) species. The establishment of other species of the group of the northern type in the subalpine and the alpine vegetation belts is very likely, owing to their distribution and insufficient studies of the higher parts of the mountains. It is known that the species of the northern type have vast areas and ecological flexibility. In the Super-Palaearctic group, the Holarctic species prevail: [532 species – 10.6% (from 10.8% in the xerothermic oak forests to 17.5% in the alpine belt)]. Of the other areographical types, the Palaearctic-Oriental [155 species – 3.1% (from 3 to 132 species, 2.6% to 5.3% in the separate belts)] and the Holarctic-Oriental [123 species – 2.4% (from 10 to 104 species, 2.9% to 4.2%)] forms are better presented. The species of the southern type (58 species – 1.2%) are represented mainly in the first two (three) vegetation belts (two species are found in the coniferous forests belt). The group is not important for the zoogeographical characteristic because of the small number of species (2-48 species, 0.2-1.4%). Usually the Super-Palaearctic group is scantly presented and is not determinant for the zoogeographical characteristic of taxa in the Bulgarian terrestrial fauna (with the exception of the coastal fauna). Only in a highly mobile forms (such as Diptera), the complex is well presented and could reach 20% (Hubenov 2015a). It is best represented in percentages in the alpine belt and less in the other vegetation belts (Table 4). In the two-winged insects significant numbers of synanthropic and synbovil forms with cosmopolitan or subcosmopolitan distribution occur. They have anthropogenic areas, structured with the development of the human civilisation (before the contemporary studies).

Species distributed only in the Palaearctic but in more than one subregion (Palaearctic type). Taxa, whose areas include more than one Palaearctic subregion in latitudinal direction belong to this group. They are well represented in the high mobile groups and comprise about 20-25% of the species composition. A total of 32 areographical categories, including 1200 species (23.9%) of the Bulgarian Diptera fauna, has been registered (Table 4). The character of the Palaearctic complex is determined by the Transpalaearctic [234 species – 4.7%

Table 4. Zoogeographical characteristic of Diptera according to the vegetation belts in Bulgaria

Classification of the areas	Total number	Vegetation belts					
		Xerothermic oak forests – up to 600-700 m	Mesophyllic and xeromesophyllic oak-hornbeam forests – from 600-700 m to 900-1000 m	Beech forests – from 900-1000 to 1500-1600 m	Coniferous forests – from 1300 (1500)-1600 m to 2000-2200 m	Subalpine vegetation – from 2000-2200 m to 2500 m	Alpine vegetation – over 2400-2500 m
Species distributed in Palaearctic and out of it	**1199 (23.9)**	**911 (27.1)**	**700 (26.9)**	**587 (25.8)**	**301 (26.8)**	**101 (29.0)**	**25 (43.9)**
North type	**1141 (22.7)**	**863 (25.7)**	**680 (26.2)**	**577 (25.4)**	**299 (26.6)**	**101 (29.0)**	**25 (43.8)**
Cosmopolitan	46 (0.9)	42 (1.2)	28 (1.1)	23 (1.0)	15 (1.3)	9 (2.6)	4 (7.0)
Semicosmopolitan	26 (0.5)	22 (0.6)	13 (0.5)	12 (0.5)	7 (0.6)	2 (0.6)	1 (1.7)
Holarctic-Paleotropical-Neotropical	5 (0.1)	3 (0.09)	4 (0.1)	3 (0.1)	2 (0.2)	1 (0.3)	
Holarctic-Paleotropical-Australian	10 (0.2)	10 (0.3)	5 (0.2)	3 (0.1)	2 (0.2)		
Holarctic-Paleotropical	7 (0.1)	7 (0.2)	3 (0.1)	3 (0.1)	2 (0.2)	1 (0.3)	
Holarctic-Neotropical-Afrotropical	3 (0.06)	10 (0.3)	10 (0.4)	7 (0.3)	4 (0.4)	2 (0.6)	1 (1.7)
Holarctic-Neotropical-Oriental	18 (0.4)	11 (0.3)	10 (0.4)	8 (0.3)	5 (0.4)	1 (0.3)	1 (1.7)
Holarctic-Neotropical-Australian	5 (0.1)	3 (0.09)	3 (0.1)	2 (0.09)	1 (0.09)		
Holarctic-Afrotropical-Australian	2 (0.04)	2 (0.06)					
Holarctic-Oriental-Australian	8 (0.2)	7 (0.2)	5 (0.2)	4 (0.2)			
Holarctic-Afrotropical	12 (0.2)	8 (0.2)	8 (0.3)	5 (0.2)	3 (0.3)	2 (0.6)	1 (1.7)
Holarctic-Oriental	123 (2.4)	104 (3.1)	86 (3.3)	77 (3.4)	47 (4.2)	10 (2.9)	
Holarctic-Neotropical	21 (0.4)	19 (0.6)	13 (0.5)	10 (0.4)	7 (0.6)	5 (1.4)	1 (1.7)
Holarctic-Australian	13 (0.3)	10 (0.3)	7 (0.3)	4 (0.2)	1 (0.09)		
Holarctic	532 (10.6)	365 (10.8)	314 (12.1)	278 (12.2)	139 (12.4)	49 (14.1)	10 (17.5)
Palaearctic-Paleotropical-Neotropical	1 (0.02)	1 (0.03)					
Palaearctic-Paleotropical-Australian	12 (0.2)	1 (0.03)	6 (0.2)	5 (0.2)	2 (0.2)	1 (0.3)	
Palaearctic-Afrotropical-Neotropical	1 (0.02)	1 (0.03)	1 (0.04)	1 (0.04)	1 (0.09)		
Palaearctic-Afrotropical-Australian	2 (0.04)	2 (0.06)					
Palaearctic-Oriental-Australian	2 (0.04)	2 (0.06)	2 (0.08)	2 (0.09)	1 (0.09)		
Palaearctic-Paleotropical	42 (0.8)	38 (1.1)	19 (0.7)	15 (0.7)	6 (0.5)	4 (1.1)	1 (1.7)
Palaearctic-Afrotropical	19 (0.4)	16 (0.5)	11 (0.4)	8 (0.4)	3 (0.3)	3 (0.9)	1 (1.7)
Palaearctic-Oriental	155 (3.1)	132 (3.9)	92 (3.5)	81 (3.6)	44 (3.9)	9 (2.6)	3 (5.3)
Palaearctic-Neotropical	1 (0.02)						
Palaearctic-Australian	1 (0.02)	1 (0.03)	1 (0.04)	1 (0.04)	1 (0.09)	1 (0.3)	1 (1.7)
West Palaearctic-Paleotropical	1 (0.02)	1 (0.03)	1 (0.04)	1 (0.04)			
West Palaearctic-Afrotropical	18 (0.4)	6 (0.2)	8 (0.3)	7 (0.3)	2 (0.2)		
West Palaearctic-Oriental	25 (0.5)	20 (0.6)	15 (0.6)	10 (0.4)	1 (0.09)		
West Palaearctic-Neotropical	1 (0.02)	1 (0.03)	1 (0.04)	1 (0.04)	1 (0.09)		
Disjunct Palaearctic-Afrotropical	1 (0.02)	1 (0.03)					
Disjunct Palaearctic-Oriental	24 (0.5)	14 (0.4)	13 (0.5)	6 (0.3)	2 (0.2)	1 (0.3)	
European-Oriental	4 (0.08)	3 (0.09)	1 (0.04)				
South type	**58 (1.2)**	**48 (1.4)**	**20 (0.8)**	**10 (0.4)**	**2 (0.2)**		
South Palaearctic-Paleotropical-Australian	4 ().08)	4 (0.1)	2 (0.08)	2 (0.09)			
Southwest Palaearctic-Neotropical-Afrotropical-Australian	1 (0.02)	1 (0.03)					
South Palaearctic-Paleotropical	11 (0.2)	10 (0.3)	4 (0.1)	2 (0.09)			
Southwest Palaearctic-Paleotropical	2 (0.04)		1 (0.04)				
South Palaearctic-Afrotropical	2 (0.04)	2 (0.06)	1 (0.04)	1 (0.04)			
Southwest Palaearctic-Afrotropical	6 (0.1)	5 (0.1)	2 (0.08)				

Classification of the areas	Total number	Vegetation belts					
		Xerothermic oak forests – up to 600-700 m	Mesophyllic and xeromesophyllic oak-hornbeam forests – from 600-700 m to 900-1000 m	Beech forests – from 900-1000 to 1500-1600 m	Coniferous forests – from 1300 (1500)-1600 m to 2000-2200 m	Subalpine vegetation – from 2000-2200 m to 2500 m	Alpine vegetation – over 2400-2500 m
South Palaearctic-Oriental	11 (0.2)	9 (0.3)	5 (0.2)	3 (0.1)	2 (0.2)		
Southwest Palaearctic-Oriental	3 (0.06)	3 (0.09)	1 (0.04)	1 (0.04)			
Paleotropical-Mediterranean	3 (0.06)	1 (0.03)					
Afrotropical-Mediterranean	11 (0.2)	9 (0.3)	3 (0.1)				
Oriental-Mediterranean	1 (0.02)	1 (0.03)	1 (0.04)	1 (0.04)			
Oriental-East Mediterranean	2 (0.04)	2 (0.06)					
European-Neotropical-Oriental	1 (0.02)	1 (0.03)					
Species with Palaearctic distribution	**3821 (76.1)**	**2451 (72.9)**	**1898 (73.1)**	**1685 (74.2)**	**822 (73.2)**	**247 (71.0)**	**32 (56.1)**
Palaearctic type	**1200 (23.9)**	**954 (28.4)**	**714 (27.5)**	**545 (24.0)**	**261 (23.2)**	**86 (24.7)**	**11 (19.3)**
Holopalaearctic	26 (0.5)	23 (0.7)	24 (0.9)	18 (0.8)	10 (0.9)	5 (1.4)	3 (5.3)
Transpalaearctic	234 (4.7)	192 (5.7)	154 (5.9)	119 (5.2)	57 (5.1)	14 (4.0)	2 (3.5)
West and Central Palaearctic	123 (2.4)	109 (3.2)	81 (3.1)	60 (2.6)	28 (2.5)	10 (2.9)	2 (3.5)
West Palaearctic	192 (3.8)	164 (4.9)	109 (4.2)	84 (3.7)	46 (4.1)	11 (3.2)	
Disjunct Palaearctic	92 (1.8)	63 (1.9)	53 (2.0)	37 (1.6)	17 (1.5)	8 (2.3)	3 (5.3)
South Palaearctic	2 (0.04)	2 (0.06)	2 (0.08)	1 (0.04)			
Southwest Palaearctic	14 (0.3)	10 (0.3)	6 (0.2)	4 (0.2)			
Eurosiberian-Anatolian-Central Asian	15 (0.3)	12 (0.4)	9 (0.3)	7 (0.3)	4 (0.4)	1 (0.3)	
Eurosiberian-Central Asian	82 (1.6)	54 (1.6)	44 (1.7)	36 (1.6)	17 (1.5)	4 (1.1)	1 (1.7)
Eurosiberian-Anatolian (esan)	3 (0.06)	2 (0.06)	2 (0.08)	2 (0.09)	1 (0.09)	1 (0.3)	
West Eurosiberian-Anatolian-Central Asian	3 (0.06)	3 (0.09)	1 (0.04)	1 (0.04)	1 (0.09)		
West Eurosiberian-Central Asian	11 (0.2)	11 (0.3)	9 (0.3)	6 (0.3)	4 (0.4)	3 (0.9)	
West Eurosiberian-West Central Asian	5 (0.1)	4 (0.1)	2 (0.08)				
West Eurosiberian-Iran-Turanian	3 (0.06)	2 (0.06)	2 (0.08)	5 (0.2)	1 (0.09)	1 (0.3)	
West Eurosiberian-Anatolian-Iranian	1 (0.02)	1 (0.03)	1 (0.04)	1 (0.04)	1 (0.09)	1 (0.3)	
West Eurosiberian-Anatolian-Turanian	3 (0.06)	3 (0.09)	2 (0.08)	1 (0.04)	1 (0.09)		
West Eurosiberian-Turanian	5 (0.1)	5 (0.1)	4 (0.1)	2 (0.09)			
West Eurosiberian-Anatolian	9 (0.2)	7 (0.2)	4 (0.1)	4 (0.2)	3 (0.3)	1 (0.3)	
European-Anatolian-North African	45 (0.9)	38 (1.1)	28 (1.1)	20 (0.9)	10 (0.9)	5 (1.4)	
European-North African	156 (3.1)	116 (3.4)	82 (3.2)	68 (3.0)	32 (2.8)	12 (3.4)	
European-Anatolian-Central Asian	14 (0.3)	11 (0.3)	7 (0.3)	3 (0.1)	2 (0.2)		
European-Central Asian	22 (0.4)	17 (0.5)	8 (0.3)	8 (0.3)	5 (0.4)	1 (0.3)	
European-West Central Asian	27 (0.5)	21 (0.6)	13 (0.5)	8 (0.3)	4 (0.4)	2 (0.6)	
European-Southwest Asian	39 (0.8)	29 (0.9)	21 (0.8)	22 (1.0)	11 (1.0)	4 (1.1)	
European-Anatolian-Iran-Turanian	8 (0.2)	6 (0.2)	5 (0.2)	3 (0.1)			
European-Iran-Turanian	4 (0.08)	2 (0.06)	3 (0.1)	1 (0.04)			
European-Anatolian-Iranian	19 (0.4)	14 (0.4)	11 (0.4)	8 (0.3)	3 (0.3)	2 (0.6)	
European-Anatolian-Turanian	4 (0.08)	4 (0.1)	2 (0.08)				
European-Iranian	18 (0.4)	10 (0.3)	10 (0.4)	9 (0.4)	1 (0.09)		
European-Turanian	17 (0.3)	16 (0.5)	14 (0.5)	7 (0.3)	2 (0.2)		
East European-Central Asian	3 (0.06)	2 (0.06)	1 (0.04)				
East European-Turanian	1 (0.02)	1 (0.03)					
Species distributed in one subregion	**2621 (52.2)**	**1497 (44.5)**	**1184 (45.6)**	**1140 (50.2)**	**561 (49.9)**	**161 (46.3)**	**21 (36.8)**
Eurosiberian type	**2035 (40.5)**	**1101 (32.7)**	**1028 (39.6)**	**1015 (44.7)**	**496 (44.2)**	**144 (41.4)**	**18 (31.6)**
Holoeurosiberian	104 (2.1)	60 (1.8)	70 (2.7)	75 (3.3)	36 (3.2)	12 (3.4)	2 (3.5)

Classification of the areas	Total number	Vegetation belts					
		Xerothermic oak forests – up to 600-700 m	Mesophyllic and xeromesophyllic oak-hornbeam forests – from 600-700 m to 900-1000 m	Beech forests – from 900-1000 to 1500-1600 m	Coniferous forests – from 1300 (1500)-1600 m to 2000-2200 m	Subalpine vegetation – from 2000-2200 m to 2500 m	Alpine vegetation – over 2400-2500 m
Transeurosiberian	67 (1.3)	44 (1.3)	40 (1.5)	42 (1.8)	22 (2.0)	3 (0.9)	
West and Central Eurosiberian	109 (2.2)	71 (2.1)	65 (2.5)	62 (2.7)	25 (2.2)	8 (2.3)	3 (5.3)
West Eurosiberian	118 (2.3)	65 (1.9)	71 (2.7)	61 (2.7)	33 (2.9)	5 (1.4)	1 (1.7)
Disjunct Eurosiberian	194 (3.9)	103 (3.1)	99 (3.8)	96 (4.2)	55 (4.9)	13 (3.7)	2 (3.5)
European and South Siberian	12 (0.2)	8 (0.2)	7 (0.3)	6 (0.3)	2 (0.2)	1 (0.3)	
European-Anatolian	85 (1.7)	54 (1.6)	48 (1.8)	41 (1.8)	19 (1.7)	3 (0.9)	
European	1117 (22.3)	572 (17.0)	519 (20.0)	546 (24.0)	254 (22.6)	81 (23.3)	5 (8.8)
East European-Siberian	8 (0.2)	3 (0.09)	1 (0.04)	2 (0.09)	1 (0.09)	1 (0.3)	
East European	21 (0.4)	16 (0.5)	9 (0.3)	5 (0.2)	3 (0.3)	1 (0.3)	1 (1.7)
Central and East European-Turanian	1 (0.02)	1 (0.03)	1 (0.04)	1 (0.04)	1 (0.09)		
Central and East European-Anatolian	2 (0.04)	1 (0.03)	1 (0.04)	2 (0.09)			
Central and East European	13 (0.3)	8 (0.2)	8 (0.3)	3 (0.1)	1 (0.09)		
Central and South European and South Siberian	1 (0.02)		1 (0.04)	1 (0.04)			
Central and South European-Anatolian	14 (0.3)	12 (0.4)	11 (0.4)	8 (0.3)	2 (0.2)	1 (0.3)	1 (1.7)
Central and Southeast European-Anatolian	6 (0.1)	5 (0.1)	4 (0.1)	2 (0.09)	1 (0.09)	1 (0.3)	
Central and South European	82 (1.6)	45 (1.3)	40 (1.5)	38 (1.7)	22 (2.0)	7 (2.0)	3 (5.3)
Central and Southeast European	81 (1.6)	33 (1.0)	33 (1.3)	24 (1.1)	19 (1.7)	7 (2.0)	
Mediterranean type	**458 (9.1)**	**324 (9.6)**	**133 (5.1)**	**93 (4.1)**	**34 (3.0)**	**12 (3.4)**	**2 (3.5)**
Mediterranean and South Siberian	2 (0.04)	1 (0.03)	2 (0.08)	1 (0.04)			
Mediterranean-Far East	1 (0.02)						
North Mediterranean and South Far East	1 (0.02)	1 (0.03)	1 (0.04)				
South European and South Far East	2 (0.04)	1 (0.03)	1 (0.04)				
Southeast European and South Far East	1 (0.02)						
Mediterranean-Central Asian	15 (0.3)	10 (0.3)	6 (0.2)	2 (0.09)	1 (0.09)	1 (0.3)	1 (1.7)
Mediterranean-West Central Asian	21 (0.4)	18 (0.5)	6 (0.2)	3 (0.1)			
Mediterranean-Iran-Turanian	12 (0.2)	1 (0.03)	5 (0.2)	2 (0.09)	1 (0.09)		
Mediterranean-Iranian	19 (0.4)	14 (0.4)	7 (0.3)	1 (0.04)			
Mediterranean-Turanian	8 (0.2)	4 (0.1)	2 (0.08)	2 (0.09)			
East Mediterranean-Central Asian	3 (0.06)	2 (0.06)	1 (0.04)				
East Mediterranean-Iran-Turanian	1 (0.02)	1 (0.03)					
East Mediterranean-Iranian	1 (0.02)	1 (0.03)					
North Mediterranean-Central Asian	3 (0.06)	1 (0.03)	1 (0.04)	1 (0.04)			
North Mediterranean-West Central Asian	9 (0.2)	8 (0.2)	4 (0.1)				
North Mediterranean-Iranian	8 (0.2)	6 (0.2)	3 (0.1)	2 (0.09)			
Northeast Mediterranean-West Central Asian	2 (0.04)	2 (0.06)	1 (0.04)	1 (0.04)			
Northeast Mediterranean-Iran-Turanian	1 (0.02)	1 (0.03)					
Northeast Mediterranean-Iranian	2 (0.04)	1 (0.03)	1 (0.04)	1 (0.04)			
South European and South Siberian	2 (0.04)	1 (0.03)	1 (0.04)				
Southeast European and South Siberian	1 (0.02)	1 (0.03)	1 (0.04)	1 (0.04)			
Southeast European-Central Asian	5 (0.1)	2 (0.06)				1 (0.3)	
Southeast European-West Central Asian	2 (0.04)	2 (0.06)					
Central and South European-West Central Asian	1 (0.02)	1 (0.03)	1 (0.04)	1 (0.04)			
Central and South European-Iran-Turanian	3 (0.06)	3 (0.09)	2 (0.08)	2 (0.09)			

Classification of the areas	Total number	Vegetation belts					
		Xerothermic oak forests – up to 600-700 m	Mesophyllic and xeromesophyllic oak-hornbeam forests – from 600-700 m to 900-1000 m	Beech forests – from 900-1000 to 1500-1600 m	Coniferous forests – from 1300 (1500)-1600 m to 2000-2200 m	Subalpine vegetation – from 2000-2200 m to 2500 m	Alpine vegetation – over 2400-2500 m
Central (Middle) and South European-Iranian	7 (0.1)	4 (0.1)	3 (0.1)	3 (0.1)	1 (0.09)	1 (0.3)	
Central and Southeast European-Iranian	2 (0.04)	2 (0.06)	1 (0.04)	1 (0.04)			
Central (Middle) and South European-Turanian	4 (0.08)	4 (0.1)	2 (0.08)				
Central and Southeast European-Turanian	1 (0.02)	1 (0.03)	1 (0.04)	1 (0.04)			
Central and South European-Lebanonian	1 (0.02)	1 (0.03)					
Central and Southeast European-Lebanonian	2 (0.04)	2 (0.06)	1 (0.04)	1 (0.04)			
Central and South European-Anatolian-North African	1 (0.02)	1 (0.03)					
Central and South European-North African	14 (0.3)	9 (0.3)	4 (0.1)	4 (0.2)	4 (0.4)	1 (0.3)	
South European-North African	37 (0.7)	29 (0.9)	9 (0.3)	5 (0.2)	3 (0.3)	1 (0.3)	1 (1.7)
Southeast European-Anatolian-North African	2 (0.04)			1 (0.04)			
Southeast European-North African	2 (0.04)			1 (0.04)	1 (0.09)		
Southeast European-Anatolian-Iranian	1 (0.02)		1 (0.04)	1 (0.04)			
Southeast European-Iranian	3 (0.06)	2 (0.06)					
South European-Turanian	2 (0.04)	1 (0.03)					
Southeast European-Turanian	2 (0.04)	2 (0.06)					
Holomediterranean	42 (0.8)	34 (1.0)	13 (0.5)	8 (0.3)	5 (0.4)	1 (0.3)	
East Mediterranean	15 (0.3)	8 (0.2)	1 (0.04)	2 (0.09)	1 (0.09)	1 (0.3)	
North Mediterranean	26 (0.5)	18 (0.5)	13 (0.5)	5 (0.2)	1 (0.09)		
South European	60 (1.2)	38 (1.1)	12 (0.5)	14 (0.6)	7 (0.6)	1 (0.3)	
Northeast Mediterranean	4 (0.08)	4 (0.1)	2 (0.08)				
Southeast European-Anatolian	18 (0.4)	12 (0.4)	6 (0.2)	8 (0.3)			
Southeast European	57 (1.1)	42 (1.2)	12 (0.5)	13 (0.6)	3 (0.3)	1 (0.3)	
Balkan-Caucasian-Iranian	1 (0.02)	1 (0.03)					
Balkan-Caucasian-Turanian	1 (0.02)	1 (0.03)					
Balkan-Caucasian	7 (0.1)	4 (0.1)	1 (0.04)	1 (0.04)	1 (0.09)	1 (0.3)	
Balkan-Anatolian	20 (0.4)	15 (0.4)	5 (0.2)	7 (0.3)	5 (0.4)	2 (0.6)	
Endemics	**128 (2.5)**	**72 (2.1)**	**24 (0.9)**	**35 (1.5)**	**22 (2.0)**	**6 (1.7)**	**1 (1.7)**
Balkan subendemic	4 (0.08)	3 (0.09)	1 (0.04)	1 (0.04)	1 (0.09)		
Balkan endemic	39 (0.8)	25 (0.7)	5 (0.2)	8 (0.3)	3 (0.3)		
Bulgarian endemic	64 (1.3|	34 (1.0)	12 (0.5)	19 (0.8)	15 (1.3)	4 (1.1)	1 (1.7)
Regional endemic	21 (0.4)	10 (0.3)	6 (0.2)	7 (0.3)	3 (0.3)	2 (0.6)	
Total Diptera	**5038**	**3362 (66.7)**	**2598 (51.6)**	**2272 (45.1)**	**1123 (22.3)**	**348 (6.9)**	**57 (1.1)**

(3.5% to 5.9% in the separate vegetation belts)], West Palaearctic [192 species – 3.8% (3.2% to 4.9%)], European-North African [156 species – 3.1% (2.8% to 3.4%)] and West and Central Palaearctic [123 species – 2.4% (2.5% to 3.5%)] species. The Disjunct Palaearctic (92 species), Eurosiberian-Central Asian (67 species) and European-Anatolian-North-African (45 species) taxa are well presented. In Nematocera, the complex is represented only by *Culicoides pictipennis* (Staeger, 1839) in the alpine belt – a West and Central Palaearctic species of the family Ceratopogonidae, distributed in all vegetation belts. The correlation of the mentioned categories is kept in the separate vegetation belts and varies from 0.9% to 5.9% (2 to 192 species). Ninety-two species (1.8%) have a lon-

gitudinal disjunction of the areas with regard to Siberia and Central Asia – from 3 to 63 species in the separate vegetation belts. Probably some of these species are presented with sparse populations and will be studied in more detail as a result of further research. Most often a latitudinal disjunction of the areas of this complex is lacking (Gorodkov 1984, Josifov 1988, Hubenov 2015a). Rarely single boreomontane forms are presented. A significant part of the species with wide vertical distribution (above 23%) belong to the Palaearctic group. The difference between the separate vegetation belts (from 11 to 954 species) reaches 78.9% and varies from 0.9% (alpine vegetation) to 79.5% (xerothermic oak forests) of the species. For the different areographical categories this difference is the largest in the Holopalaearctic species (4.8%). The vast areas and wide vertical distribution of the taxa of this group are an indication of the greater ecological flexibility of its species. From the mountains for which there are generalized studies on Diptera, the Palaearctic group (like the Super Palaearctic one) is best represented in the Vrachanska Planina Mts. (where it comprises 30.4% of the established species) and poorly represented in the Vitosha, Rila and Pirin Mts. (where it comprises from 23.7% to 27.5% of the known species). This is probably related to the insufficient studies of the Vrachanska Planina Mts. Thus, owing to the lack of sufficient research and the non-systematic sampling, more common and widespread species have been collected (Hubenov 2019b).

Species distributed within one subregion of the Palaearctic. This group (2621 species – 52.2%) includes from 21 to 1497 species (36.8% to 50.2%) in the separate vegetation belts. The group combines species with Eurosiberian and Mediterranean type of distribution. Endemics are also included in this group (73 categories total). The Mediterranean-Central Asian species are also included here according to Kryzhanovsky (1965, 2002) and Lopatin (1989), who combine the Mediterranean and Central Asian subregions. The species with Mediterranean type of distribution are accepted in a general way and include Submediterranean, Subiranian and Pontian faunistic elements that could be also considered separately from the Mediterranean ones (Gruev & Kusmanov 1994, 1999; Gruev 1995; Gruev & Bechev 2000).

The Eurosiberian species include 18 areographical categories (2035 species or 40.5%). These are from 18 to 1101 (31.6% to 44.7%) species in the separate vegetation belts (Table 4). The European [1117 species (22.3%) – from 5 to 572 species (8.8% to 24.0%) in the separate belts], Disjunct Eurosiberian [194 species (3.9%) – from 2 to 103 species (3.1% to 4.9%)], West Eurosiberian [118 species (2.3%) – from 1 to 71 species (1.4% to 2.9%)], West and Central Eurosiberian [109 species (2.2%) – from 3 to 71 species (2.1% to 5.3%)] and Holoeurosiberian [104 species (2.1%) – from 2 to 75 species (1.8% to 3.5%)] taxa are the most numerous. The European-Anatolian, Central and South European, Central and Southeast European and Transeurosiberian species are well represented. The ratio of these categories is different for the separate families (the Holoeurosiberian, Disjunct Eurosiberian and European species are almost equal in number as the Eurosiberian forms are of about 50% in total, while in other families the Central and South European species are better represented). The number of taxa of these categories per vegetation belt varies from 0.03% to 24.0% (1-572 species) and increases in percentage with height to 2000 m a.s.l. For the different areographical categories this difference is the largest in the European species (15.2%). The greatest number of Eurosiberian species (as a percentage) are found in the beech forests belt (1015 species – 44.7%). In the the coniferous (496 species – 44.7%) and the subalpine (144 species – 41.4%) belts these species predominate over the other zoogeographical categories. In the alpine belt taxa with Super Palaearctic areas dominate (25 species – 43.8%). The Eurosiberian species are poorly represented (18 species – 31.6%) and include 9 areographical categories. When compared to the mountains, from which the data on Diptera are generalized, there is a small difference (Hubenov 2019b). In the subalpine belt of the Vitosha (57.3%) and Rila (40.4%) Mts., the Eurosiberian species predominate over the other zoogeographical categories while in the Pirin Mts. they are poorly represented (35.4%). In the alpine belt of the Rila Mts., the Eurosiberian species (42.%) are better represented than in the Pirin Mts. (31.0%). The Eurosiberian complex includes a number of disjunctive areas – a longitudinal disjunction for Siberia and Central Asia and latitudinal disjunction with boreomontane, boreoalpine and arctic-alpine distribution (Gorodkov 1984; Josifov 1988; Hubenov 2015a). Of interest is the significant presence of Eurosiberian species in the first two vegetation belts (32.7% and 39.6%). This could be explained in three ways: 1) it is possible a part of these species to have unclear Palaearctic distribution; 2) the humid mountain valleys characterised with cooler climate, have facilitated the migration of the above-mentioned forms to the lowlands; 3) predominant research of the lower parts of the mountain compared to the higher ones. Eurosiberian boreomontane forms at low altitudes have also been found for other groups as Heteroptera, Cerambycidae (Coleoptera) and Tachinidae (Diptera) (Josifov 1963, 1976; Georgiev & Hubenov 2006; Hubenov 2008b). For Cerambycide this fact is due to the large afforestations of conifers in the first two vegetation belts.

Probably because of this, many boreomontane and montane species that feed on conifers, go down below 1000 m a.s.l. Probably, under further research of the Diptera fauna in the high parts of the mountains, the number of the Eurosiberian species will increase.

The Mediterranean species include 51 areographical categories (458 species or 9.1%). These are from 2 to 324 (3.0% to 9.1%) species in the separate vegetation belts (Table 4). They are presented mainly in the first two (three) vegetation belts and their number rapidly decreases with the altitude. The Mediterranean species, established in one or two vegetation belts, prevail. The significant percentage of these species in the lower vegetation belts (70.7% in the first and 29.0% in the second belt) and their relatively scarce populations are due to the lower ecological flexibility of the Mediterranean forms in comparison with the previous ones. Because of the big variety of these areas, the group is divided into many subgroups with different origin, distribution and ecological peculiarities of the taxa. This complexity contributes to establishing of various zoogeographical classifications for Bulgaria (Josifov, 1981, 1986, 1988, 1999; Gruev 1988, 1995, 2000a, 2000b, 2000c, 2002; Heiss & Josifov, 1990; Gruev & Kusmanov, 1994; Hubenov 1996, 2008a; Gruev & Bechev, 2000; Popov, 2002). For the different areographical categories the difference between the vegetation belts is the largest in the Mediterranean-Central Asian species (1.6%). The South European (60 species – 1.2%), Southeast European (57 species – 1.1%), Holomediterranean (42 species 0.8%) and South European-North African (37 species – 0.7%) %) taxa are the most numerous. In the subalpine belt twelve species have been found (3 of Nematocera and 9 of Brachycera), part of which could be Montane Mediterranean forms. In the alpine zone two species of Brachycera have been established. There are no significant differences in the distribution of the well presented aerographical categories in the Mediterranean species of the mountains. When comparing with the Vitosha, Rila and Pirin Mts., it makes an impression the higher percentage (3.6% – 4.4% – 5.5%) of the Mediterranean taxa southwards (Hubenov 2019b). This is related to the natural conditions and the geographical location of the mountains. This does not apply to the Vrachanska Planina Mts. (5.0%), which is connected with the karst terrain, xerothermic habitats and lower altitude of the mountain.

Endemics. This category includes taxa, which are not distributed outside the Balkan Peninsula. The percentage of endemism in Diptera is low (128 species or 2.5%). The endemism is differently presented in Nematocera (60 species or 3.6%) and Brachycera (68 species or 2.0%). The Bulgarian (64 species – 50.0%) and Balkan (39 species – 30.5%) endemic forms prevail. The main part of the endemic species is related to the xerothermic oak forests (72 species – 56.2%). In the next two vegetation belts their number significantly decreases (24 and 35 species – 18.7% and 27.3%). Some of the endemics in the coniferous forests (22 species) and the subalpine belt (6 species) are Eurosiberian forms and can be considered as postglacial neoendemics. The endemics established in the first vegetation belt of the Vrachanska Planina and Pirin Mts. probably do not belong to this category (Hubenov 2019b). In the alpine belt, one Bulgarian endemic (*Molophilus lautereri* Stary, 1974 of the family Limoniidae) has been reported from the Rila Mts. Local endemics have not been established among Diptera. The endemic Diptera are often newly described taxa or rare species with unclear range.

NEMATOCERA

Tipulomorpha

Tipulidae

***Ctenophora* (*Cnemoncosis*) *fastuosa* Loew, 1871** – BN; 0-50 m; 1; tp, ? h; Loew 1871; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Bechev 2009; Oosterbroek 2017.

***Ctenophora* (*Cnemoncosis*) *ornata* Meigen, 1818** – S2; 1, 2, 3; wp; Nedelkov 1912; Theowald & Oosterbroek 1986; Popov 1999; Bechev 2009; Oosterbroek 2017.

***Ctenophora* (*Ctenophora*) *elegans* Meigen, 1818** – B1; 350-370 m; 1; cse; Nedelkov 1912; Popov 1999; Bechev 2009; Oosterbroek 2017.

***Ctenophora* (*Ctenophora*) *flaveolata* (Fabricius, 1794)** – RW; 300-350 m; 1; e; Bechev 2009; Oosterbroek 2017.

***Dictenidia bimaculata* (Linnaeus, 1760)** [*Ctenophora*] – B1, V1, S21; 300-700 m; 1, 2; tp, ? h; Meunier 1897; Nedelkov 1912; Theowald & Oosterbroek 1986; Popov 1999; Bechev 2009; Oosterbroek 2017.

***Dolichopeza* (*Dolichopeza*) *nitida* Mik, 1874** [*D. graeca* Mannheims, 1954] – B1, R2, T31; 200-1200 m; 1, 2, 3; ean; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek & Lantsov 2011; Oosterbroek 2017.

***Nephrotoma aculeata* (Loew, 1871)** – T31; 10-30 m; 1; tp; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Nephrotoma analis* (Schummel, 1833)** – ♠; tp; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Nephrotoma appendiculata* (Pierre, 1919)** [*N. maculata* (Meigen, 1804); *N. maculosa* (Meigen, 1818)] – B1, V1, V4, T31; 10-880 m; 1, 2; wp; Nedelkov 1912; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Nephrotoma cornicina* (Linnaeus, 1758)** [*Pachyrhina*] – B1, V1, R1; 300-1200 m; 1, 2, 3; ho, ? hpt; Nedelkov 1912; Szilady 1934; Popov 1999; Oosterbroek 2009a, 2017.

***Nephrotoma crocata* (Linnaeus, 1758)** – B1, V1, T31, RR; 10-600 m; 1, 2; tp; Nedelkov 1912; Popov 1999; Beschovski 2006; Oosterbroek 2009b, 2017.

***Nephrotoma croceiventris lindneri* (Mannheims, 1951)** – V1; 600 m; 2; ean; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Nephrotoma dorsalis* (Fabricius, 1781)** – ♠; dp, ? des; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Nephrotoma flavescens* (Linnaeus, 1758)** – RW; 600 m; 1, 2; h; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Nephrotoma guestfalica* (Westhoff, 1879)** – ♠; ean; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Nephrotoma lunulicornis* (Schummel, 1833)** – ♠; esca, ? tp, ? h; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

? *Nephrotoma pratensis* (Linnaeus, 1758) [*Pachyrhina*] – E2, V1, V4, RR; 225-830 m; 1, 2; wes; ? Nedelkov 1912; Drensky 1955; ? Beschovski 2006; Oosterbroek 2017. [according to Oosterbroek (2017) need confirmation].

***Nephrotoma quadrifaria* (Meigen, 1804)** [*Pachyrhina*] – B1, V1, RW; 500-600 m; 1, 2; eani, ? eswa; Nedelkov 1912; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Nephrotoma scalaris* (Meigen, 1818)** [*Pachyrhina*] – B1, DM, TL; 50-320 m; 1; wp, ? wpo; Nedelkov 1912; Szilady 1934; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Nephrotoma scurra* (Meigen, 1818)** – V1; 590 m; tp, ? po; Nedelkov 1912; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Nephrotoma tenuipes* (Riedel, 1910)** – ♠; esca; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Nigrotipula nigra* (Linnaeus, 1758)** – TL, ♦; 206 m; 1; tp, ? h; Nedelkov 1912; Szilady 1934; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tanyptera* (*Tanyptera*) *atrata* (Linnaeus, 1758)** [*Xiphura atrata* L., *Ctenophora*] – B1, V1, R1; 300-1200 m; 1, 2, 3; tp; Joakimoff 1899; Nedelkov 1912; Oosterbroek & Theowald 1992; Popov 1999; Bechev 2009; Oosterbroek 2009b, 2017.

***Tipula* (*Acutipula*) *balcanica* Vermoolen, 1983** [*T. gigantea* Schrank, 1776; *T. maxima* Poda, 1761; *Acutipula maxima balcanica* Vermoolen, 1983] – E2, B1, B2, V4, S2, R1; 200-1300 m; 1, 2, 3; cseean; Meunier 1897; Joakimoff 1899; Nedelkov 1909, 1912; Drensky 1955; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Acutipula*) *bosnica* Strobl, 1898** – T31; 10-30 m; 1; csee; Oosterbroek 2017.

***Tipula* (*Acutipula*) *fulvipennis* De Geer, 1776** [*Acutipula*] – ♠; esca; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Acutipula*) *latifurca* Vermoolen, 1983** [*T. transcaucasica* Savchenko, 1961; *Acutipula transcaucasica latifurca* Vermoolen, 1983] – V1, R1, RW, T31; 100-2200 m; 1, 2, 3, 4, 5; ban, ? seean; Vermoolen, 1983; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Acutipula*) *tenuicornis* Schummel, 1833** – B1; 500 m; 1; e; Oosterbroek 2009b, 2017.

***Tipula* (*Beringotipula*) *unca* Wiedemann, 1817** [*Beringotipula*] – ♠; esca; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Dendrotipula*) *flavolineata* Meigen, 1804** – B1, RW; 500-900 m; 1, 2; eanca; Oosterbroek & Theowald 1992; Oosterbroek 2009b, 2017.

***Tipula* (*Emodotipula*) *obscuriventris* Strobl, 1900** [*Emodotipula*] – P1, 520-580 m; 1; wp; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Emodotipula*) *saginata* Bergroth, 1891** [*Emodotipula*] – ♠; e; Theowald & Oosterbroek 1986; Popov 1999.

***Tipula* (*Lunatipula*) *affinis* Schummel, 1833** [*Lunatipula*] – V1, RW, TL; 220-600 m; 1, 2; west; Nedelkov 1909, 1912; Popov 1999, Beschovski 2006; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *antichasia* Theischinger, 1979** [*Lunatipula*] – ♠; Eb; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999.

***Tipula* (*Lunatipula*) *bispina* Loew, 1873** [*Lunatipula*] – ♠; see, ? Ebs; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *borysthenica* Savchenko, 1954** [*Lunatipula*] – O61, O62; 130-400 m; cseean; Tomov 1975; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *cretis* Mannheims, 1965** [*Lunatipula*] – ♠; ? se; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *fascingulata* Mannheims, 1966** [*Lunatipula*] – ♠; cse; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *fascipennis* Meigen, 1818** – B1, V1; 400-600 m; 1, 2; e; ? Oosterbroek & Theowald 1992; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *furcula* Mannheims, 1954** [*Lunatipula*] – R2; 600 m; ban; Tomov 1975; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *graecolivida* Mannheims, 1954** [*Lunatipula*] – ♠; Eb; ? Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *helvola* Loew, 1873** [*Lunatipula*] – K4, T11; 200-900 m; 1, 2; ean; Tomov 1975; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *hera* Theischinger, 1979** [*Lunatipula*] – ♠; Ebs; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *heros* Egger, 1863** [*Lunatipula*] – R1, RW; 885-2200 m; 2, 3, 4, 5; csee; ? Oosterbroek & Theowald 1992; Oosterbroek 2009b, 2017.

***Tipula* (*Lunatipula*) *istriana* Erhan and Theowald, 1961** [*Lunatipula*] – T11; 250-270 m; 1; seean; Tomov 1975; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *laetabilis* Zetterstedt, 1838** [*Lunatipula*] – ♠; wces; Theowald & Oosterbroek 1986; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *limitata* Schummel, 1833** [*Lunatipula*] – ♠; wces; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *lunata* Linnaeus, 1758** [*Lunatipula*] – B1, V1, TL, R1, RE; 180-1300 m; 1, 2, 3; hoes; Joakimoff 1899; Nedelkov 1909, 1912; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *macropeliostigma* Mannheims, 1954** [*Lunatipula*] – O62, R2; 130-600 m; 1; Eb; Tomov 1975; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *mellea* Schummel, 1833** [*Lunatipula*] – SB, V1, V4, TL; 200-900 m; 1, 2; e; Nedelkov 1912; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *peliostigma* Schummel, 1833** [*Lunatipula*] – S2, S22; 550 m; 1, 2; wp; Nedelkov 1909, 1912; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *savtschenkoi* Simova, 1960** [*Lunatipula*] – E1, B2; 250-400 m; Eb, ? ban; Tomov 1975; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *soosi* Mannheims, 1954** [*Lunatipula*] – K4, O62, R2; 150-1500 m; 1, 2, 3, 4; ceean; Tomov 1975; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *tibonella* Theischinger, 1977** – B1; 300 m; 1; ban; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *truncata* Loew, 1873** [*Lunatipula truncata truncata* Loew, 1873] – B2, K4; 400-1000 m; 1, 2; cse, ? csean; Tomov 1975; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *tyche* Mannheims, 1966** – T11; 350-400 m; 1; Eb; Oosterbroek 2009b, 2017.

***Tipula* (*Lunatipula*) *vernalis* Meigen, 1804** [*Lunatipula*] – V1, V4, R1; 550-2100 m; 1, 2, 3, 4; e; Joakimoff 1899; Nedelkov 1912; Popov 1999; Oosterbroek 2017.

***Tipula* (*Lunatipula*) *verrucosa* Pierre, 1919** [*Tipula* (*Lunatipula*) *brunneinervis* Pierre, 1921] – P2, B1, B3, V1, K4, O62, R2; 180-1000 m; 1, 2; e, ? csean; Tomov 1975; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Mediotipula*) *sarajevensis* Strobl, 1898** [*Mediotipula*] – RW; 900 m; 2; e; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Mediotipula*) *stigmatella* Schummel, 1833** [*Mediotipula*] – ♠; ean; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Platytipula*) *luteipennis* Meigen, 1830** – R1; 800-1000 m; 2; esca; ? Oosterbroek & Theowald 1992; Oosterbroek 2017.

***Tipula* (*Pterelachisus*) *glacialis* (Pokorny, 1887)** [*Pterelachisus*] – R1, RW; 900 m; 2; cse, m; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Pterelachisus*) *irrorata* Macquart, 1826** [*Pterelachisus*] – ♠; wces; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Pterelachisus*) *pabulina* Meigen, 1818** – B1, RW; 500-600 m; 1; e; Oosterbroek & Theowald 1992; Oosterbroek 2009b, 2017.

***Tipula* (*Pterelachisus*) *plitviciensis* Simova, 1962** [*Pterelachisus*] – ♠; csee; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Pterelachisus*) *pseudovariipennis* Czizek, 1912** [*Pterelachisus*] – RW; 900 m; 2; e, ? ean; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Pterelachisus*) *truncorum* Meigen, 1830** [*Oreomyza*, *Pterelachisus*] – SB; wes; Szilady 1934; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Savtshenkia*) *alpium* Bergroth, 1888** [*Savtshenkia*] – ♠; h; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Savtshenkia*) *cheethami* Edwards, 1924** [*Savtshenkia*] – ♠; e, ? h; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Savtshenkia*) *rufina* Meigen, 1818** [*Savtshenkia*] – V1; 550 m; wcp; Nedelkov 1912; Russev 1961; Popov 1999; Oosterbroek 2017.

***Tipula* (*Savtshenkia*) *subnodicornis* Zetterstedt, 1838** [*Savtshenkia*] – RW; 1500 m; 3; wces; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Savtshenkia*) *subsignata* Lackschewitz, 1933** [*Savtshenkia*] – RW; 1500 m; 3; e; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Schummelia*) *variicornis* Schummel, 1833** [*Schummelia*] – ♠; tp, ? h; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Tipula*) *italica errans* Theowald, 1984** – RW (Uhlovitsa cave); 885-1500 m; 2, 3; ? nm; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Tipula*) *oleracea* Linnaeus, 1758** – ♦, ▪; DE, V1, V4, TL; 150-1000 m; 1, 2; ena (hn, i); Malkov 1907; Nedelkov 1912; Tschorbadjiev 1932; Nikolova 1949a, 1962; Drensky 1955; Buresch & Lazarov 1956; Popov 1956; Popov & Nikolova 1958; Grigorov 1972, 1976; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Tipula*) *orientalis* Lackschewitz, 1930** – ♠; pat, ? wpat; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Tipula*) *paludosa* Meigen, 1830** – ●, ▪; E2, V1, B; 0-550 m; 1; wp, ? tp (h, i); Nikolova 1949, 1962; Drensky 1955; Popov & Nikolova 1958; Grigorov 1972, 1976; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Vestiplex*) *excisa* Schummel, 1833** [*Vestiplex excisa excisa* Schummel, 1833] – B2, T31, R1; 200-2900 m; 1, 4, 5, 6; hoes, m; Nedelkov 1912; Szilady 1934; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Vestiplex*) *montana* Curtis, 1834** [*Vestiplex*] – ♠; e, m; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Vestiplex*) *nubeculosa* Meigen, 1804** [*Vestiplex*] – B1, R1; 450-1350 m; 1, 2, 3; wces, ? esca; Nedelkov 1912; Theowald & Oosterbroek 1986; Popov 1999; Oosterbroek 2017.

***Tipula* (*Vestiplex*) *pallidicosta* Pierre, 1924** [*Vestiplex*] – R2; 1200 m; 3; ean; Theowald & Oosterbroek 1986; Oosterbroek & Theowald 1992; Popov 1999; Oosterbroek 2017.

***Tipula* (*Vestiplex*) *scripta* Meigen, 1830** [*Vestiplex*] – V1, V4, R1; 500-2100 m; 1, 2, 3, 4; eca, ? hes; Joakimoff 1899; Nedelkov 1912; Theowald & Oosterbroek 1986; Popov 1999; Oosterbroek 2017.

***Tipula* (*Yamatotipula*) *caesia* Schummel, 1833** [*Yamatotipula*] – B1, V1, V4; 250-1000 m; 1, 2; ean; Nedelkov 1912; Popov 1999; Oosterbroek 2009, 2017.

***Tipula* (*Yamatotipula*) *couckei* Tonnoir, 1921** [*Yamatotipula*] – ♠; wces; Theowald & Oosterbroek 1986; Popov 1999; Oosterbroek 2017.

***Tipula* (*Yamatotipula*) *lateralis* Meigen, 1804** [*Yamatotipula*] – B1, B3, V1, V4, T31, R1, RR; 80-1000 m; 1, 2, 3; wcp; Nedelkov 1912; Szilady 1934; Theowald & Oosterbroek 1986; Beschovski 2006; Popov 1999; Oosterbroek 2017.

***Tipula* (*Yamatotipula*) *marginella* Theowald, 1980** [*Yamatotipula*, *T. marginata* Meigen, 1818] – V1, V4; 600-1000 m; 1, 2; wes; Nedelkov 1912; Popov 1999; Oosterbroek 2017.

? *Tipula* (*Yamatotipula*) *montium* Egger, 1863 [*Yamatotipula*] – ♣; V4, R1; 800-1300 m; 2, 3; wces; Nedelkov 1912; Popov 1999 [according to Oosterbroek (2017) need confirmation].

***Tipula* (*Yamatotipula*) *pruinosa* Wiedemann, 1817** [*Yamatotipula*] – V4; hoes; Nedelkov 1912; Popov 1999; Oosterbroek 2017.

***Tipula* (*Yamatotipula*) *riedeli* Mannheims, 1952** – ♠; csee; Oosterbroek & Theowald 1992; Oosterbroek 2017.

Limoniidae

***Phyllolabis alexanderi* Lackschewitz, 1940** – RE; 300 m; 1; Eb; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Phyllolabis pubipennis* Lackschewitz, 1940** – R1; 2389 m; 5; csee, ? cse; Lackschewitz, 1940b; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Paradelphomyia* (*Oxyrhiza*) *czizekiana* Stary, 1971** – V5, S211; 710-730 m; 2; ei; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Paradelphomyia* (*Oxyrhiza*) *ecalcarata* (Edwards, 1938)** – P1; 525 m; e; Oosterbroek 2017.

***Paradelphomyia* (*Oxyrhiza*) *fuscula* (Loew, 1873)** – R1; 1147; 3; ei, ? eit; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Paradelphomyia* (*Oxyrhiza*) *senilis* (Haliday, 1833)** – E1, B1, B2, T31, BN, BS; 100-700 m; 1, 2; eanca; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Austrolimnophila* (*Archilimnophila*) *unica* (Osten Sacken, 1869)** – R1, R2, RW; 1300-1850 m; 3, 4; h; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Austrolimnophila* (*Austrolimnophila*) *ochracea* (Meigen, 1804)** – E1, B2, V4, V5, S211, R2, BN, BS; 0-1250; 1, 2, 3; eani, ? eit; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dactylolabis* (*Dactylolabis*) *sexmaculata* (Macquart, 1826)** – V4; 1400-1420 m; 3; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dactylolabis* (*Dactylolabis*) *symplectoidea* Egger, 1863** – V4; 890-950 m; 2; ? sena; Nedelkov 1912; Krzemiński 1984; Oosterbroek 2017.

***Dactylolabis* (*Dactylolabis*) *transversa* (Meigen, 1804)** [*D. tergestina* Egger, 1863] – V1, V4, R2, B; 0-1700 m; 1, 2, 3, 4; e; Nedelkov 1912; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Epiphragma* (*Epiphragma*) *ocellare* (Linnaeus, 1760)** – V4, V5, S211, R1, R2, BN; 0-1250 m; 1, 2, 3; h; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Hubenov 2015, 2016; Oosterbroek 2017.

***Eloeophila apicata* (Loew, 1871)** – R2; 1000 m; eit; Savchenko et al. 1992; Oosterbroek 2017.

***Eloeophila maculata* (Meigen, 1804)** – V4, V5, S211, R1, R2, T31, BN; 0-1700 m; 1, 2, 3, 4; et; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Eloeophila miliaria* (Egger, 1863)** – B2; 700-800 m; 2; ean; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Eloeophila mundata* (Loew, 1871)** – R1, R2; 1230-2389 m; 3, 4, 5; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Eloeophila sparsipunctum* Starý, 2009** – V4, R1, R2; 500-1300 m; 1, 2, 3; Ebg; Starý 2009b; Oosterbroek 2017.

***Eloeophila submarmorata* (Verrall, 1887)** – V4; 2, 3; eani, ? eit; Krzemiński 1984; Savchenko et al. 1992; Oosterbroek 2017.

***Eloeophila trimaculata* (Zetterstedt, 1838)** – R1; 2389 m; 5; e; Lackschewitz 1940b; Krzemiński 1984; Savchenko et al. 1992; Oosterbroek 2017.

***Eloeophila verralli* (Bergroth, 1912)** – B2, V5, S211, TL, RW, B; 0-1100 m; 1, 2, 3; ena; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Euphylidorea* (*Euphylidorea*) *aperta* (Verrall, 1887)** – B2; 650-750 m; 1, 2; ean; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Euphylidorea* (*Euphylidorea*) *lineola* (Meigen, 1804)** [*Limnophila*, *Phylidorea*] – V4, R1, RW; 800-2389 m; 2, 3, 4, 5; wp; Nedelkov 1912; Lackschewitz 1940b; Savchenko & Tomov 1975; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Idioptera pulchella* (Meigen, 1830)** [*Limnobia*, *Limnophila*] – V1; 570-600 m; 1, 2; tes, ? hoes; Nedelkov 1912; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Starý 2007; Oosterbroek 2017.

***Limnophila* (*Limnophila*) *pictipennis* (Meigen, 1818)** [*Poecilostola*] – V4; 750-850 m; 2; hoes, ? tes; Nedelkov 1912; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Limnophila* (*Limnophila*) *schranki* Oosterbroek, 1992** [*L. punctata* Schrank, 1781] – V4, TL, RW; 70-1000 m; 1, 2; eant, ? et; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Dicranophragma* (*Brachylimnophila*) *nemorale* (Meigen, 1818)** [*Limnophila leucophaea* (Meigen, 1818), *Brachylimnophila*, *Neolimnomyia*, *Pilaria*] – B2, V1, V5, S211, T31, R1, R2, RW, BS; 0-2389 m; 1, 2, 3, 4, 5; tp; Nedelkov 1912; Szilady 1934; Lackschewitz 1940b; Starý 1974b; Savchenko & Tomov 1975; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Starý & Reusch 2009; Oosterbroek 2017.

***Dicranophragma* (*Brachylimnophila*) *separatum* (Walker, 1848)** – R2; 2000 m; 4, 5; e; Starý & Reusch 2009; Oosterbroek 2017.

***Neolimnomyia batava* (Edwards, 1938)** [*Limnophila leucophaea* (Meigen, 1818] – V1, T31; 100-700 m; 1, 2; e; Nedelkov 1912; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Phylidorea* (*Macrolabina*) *alexanderi* (Stary, 1974)** – R2, RW; 1200-1750 m; 3, 4; Eb; Starý 1974b; Savchenko & Tomov 1975; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Phylidorea* (*Paraphylidorea*) *fulvonervosa* (Schummel, 1829)** [*Euphylidorea*] – R1; 1876 m; 5; des; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Phylidorea* (*Phylidorea*) *ferruginea* (Meigen, 1818)** [*Limnophila*] – V1, V4, TL, R1, RE; 200-1700 m; 1, 2, 3, 4; ? wcp, ? esanca; Nedelkov 1912; Starý 1973a; Savchenko & Tomov 1975; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Pilaria discicollis* (Meigen, 1818)** [*Limnophila*] – V1,V5, S211, T31, RE; 50-720 m; 1, 2; eani; Nedelkov 1912; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Pilaria fuscipennis* (Meigen, 1818)** – B1, V5, S211, T31, R2, BS; 0-1914 m; 1, 2, 3, 4, 5, 6; des; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Prionolabis cognata* (Lackschewitz, 1940)** – R2; 1200-1700m; Eb; Starý & Krzemiński 1993; Oosterbroek 2017.

***Prionolabis hospes* (Egger, 1863)** [*Limnophila platyptera* (Macquart, 1834)] – V4, R1, R2, RW; 1300-2389 m; 3, 4, 5; ean; Lackschewitz 1940b; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Pseudolimnophila* (*Pseudolimnophila*) *lucorum* (Meigen, 1818)** [*Lipsothrix*] – B1, B2, V1, V5, S211, R1, B; 0-1200 m; 1, 2, 3; esca; Szilady 1934; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Pseudolimnophila* (*Pseudolimnophila*) *sepium* (Verrall, 1886)** – B1, B2, V5, S211, T31, R1, R2, BS; 0-2100 m; 1, 2, 3, 4; wp; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Hexatoma* (*Cladolipes*) *simplex* (Loew, 1865)** – R5; 500 m; 1; ban; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Hexatoma* (*Coreozelia*) *cimicoides* (Scopoli, 1763)** – B2; 700-1450m; cee; Starý & Krzemiński 1993b ; Oosterbroek 2017.

***Hexatoma* (*Eriocera*) *chirothecata* (Scopoli, 1763)** [*Penthoptera*] – B1, B2, B3, T31, V1, V4, B; 0-1100 m; 1, 2, 3; csean; Nedelkov 2012; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Hexatoma* (*Eriocera*) *grisea* (Riedel, 1914)** – T31; 200 m; 1; see; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Hexatoma* (*Hexatoma*) *bicolor* (Meigen, 1818)** – B1, B2; R1; 300-1200 m; 1, 2, 3; eanna; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Chionea* (*Sphaeconophilus*) *lutescens* Lundstrom, 1907** – R1; 2000 m; 4; e; Czerny 1930; Kantardzhieva-Minkova 1957; Burghele-Bălăcesko 1969; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Osterbroek & Reusch 2008; Oosterbroek 2017.

***Crypteria* (*Crypteria*) *limnophiloides* Bergroth, 1913** – V4, R1; 1230-1390 m; 3; e; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Neolimnophila carteri* (Tonnoir, 1921)** – V4, R1; 1400-2389 m; 3, 4, 5; e; Lackschewitz, 1940b; Starý 1973a; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Arctoconopa melampodia* (Loew, 1873)** – R5; 500 m; 1; wces; Krzemiński & Starý 1989; Savchenko et al. 1992; Osterbroek 2017.

***Baeoura malickyi* Mendl and Tjeder, 1976** – S23; 420 m; 1; see; Ujvárosi 2005b; Oosterbroek 2017.

***Erioptera* (*Erioptera*) *divisa* (Walker, 1848)** – R1; 1700-2389 m; 4, 5; e; Lackschewitz, 1940a; Krzemiński 1984; Savchenko et al. 1992; Oosterbroek 2017.

***Erioptera* (*Erioptera*) *flavata* (Westhoff, 1882)** [*E. gemina* Tjeder, 1967] – V5, S211, T31, R1, BN; 200-1700 m; 1, 2, 3, 4; wes; Starý 1973a; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Erioptera* (*Erioptera*) *fusculenta* Edwards, 1938** – V5, S211, TL, T31, R2, RW, RE; 200-1000 m; 1, 2; eant, ? wp; Mendl 1986; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Erioptera* (*Erioptera*) *griseipennis* Meigen, 1838** – R2; 1000 m; 1, 2; e; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Erioptera* (*Erioptera*) *limbata* Loew, 1873** – E2, BN; 300-350 m; 1; e; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Erioptera* (*Erioptera*) *longicauda* Loew, 1871** [*E. flavissima* Stary, 1972] – BS, 0-20 m; 1; e; Starý 1972a, 2006a; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Erioptera* (*Erioptera*) *lutea* Meigen, 1804** – B2, V4, R1, R2, RW; 650-1900 m; 2, 3, 4; wcp; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Erioptera* (*Mesocyphona*) *bivittata* (Loew, 1873)** [*Molophilus*, *Ormosia*] – DW, TL, R1; 30-2389 m; 1, 2, 3, 4, 5; tp; Szilady 1934; Lackschewitz, 1940a; Krzemiński 1984; Savchenko et al. 1992; Oosterbroek 2017.

***Gonempeda flava* (Schummel, 1829)** – R2; 1000 m; 2, 3; ean; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Scleroprocta balcanica* Starý, 1976** – R1, R2, RW; 1147-1450 m; 3; ban; Starý 1976a; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Scleroprocta krzeminskii* Stary, 2008** – R1, R2; 1150-1500 m; 3, 4; Ebg; Starý 2008; Oosterbroek 2017.

***Scleroprocta pentagonalis* (Loew, 1873)** – V4; 800-1000 m; 2, 3; ewca; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Symplecta* (*Psiloconopa*) *pusilla* (Schiner, 1865)** [*Psiliconopa*] – T31; 60 m; 1; e; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Symplecta* (*Psiloconopa*) *stictica* (Meigen, 1818)** [*Symplectomorpha*] – V1, V4, T31, RW, BN, BS; 0-1500 m; 1, 2, 3; wp (? ho); Slípka 1959; Savchenko & Tomov, 1975; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Symplecta* (*Symplecta*) *hybrida* (Meigen, 1804)** [*S. punctipennis* (Meigen, 1818)] – B1, V1, V4, T31, O61, R1, R2, R5, RW, BS; 0-1800 m; ho; Nedelkov 1912; Starý 1973a; Savchenko & Tomov 1975; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Cheilotrichia* (*Cheilotrichia*) *imbuta* (Meigen, 1818)** – V1; 580-600 m; 1, 2; des; Nedelkov 1912; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Cheilotrichia* (*Cheilotrichia*) *meridiana* Mendl, 1974** – O62; 200-600 m; 1; nm; Starý & Krzemiński 1993b; Oosterbroek 2017.

***Cheilotrichia* (*Empeda*) *cinerascens* (Meigen, 1804)** – O62; 230-300 m; 1; wp; Starý 1987; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Cheilotrichia* (*Empeda*) *minima* (Strobl, 1898)** – O62; 230-300 m; 1; ? mwca; Starý 1987; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Cheilotrichia* (*Empeda*) *staryi* Mendl, 1973** – R1, R2; 1230-2300 m; 3, 4, 5; e; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Erioconopa diuturna* (Walker, 1848)** – TL, RE; 230-280 m; 1; eanna; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Erioconopa symplectoides* (Kuntze, 1914)** – V4, R2, RW; 1000-2100 m; 3, 4; ? hom; Starý 1976b; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Erioconopa trivialis* (Meigen, 1818)** [*Erioptera*] – R1, R2; 1700-2389 m; 4, 5; eani; Lackschewitz 1940a; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Hubenov 2015, 2016; Oosterbroek 2017.

***Hoplolabis* (*Eurasicesa*) *idiophallus* (Savchenko, 1973)** – O62; 230-300 m; 1; csee; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Hoplolabis* (*Parilisia*) *longior* Stary, 2006** – O62; 100-300 m; 1; em; Starý 2006f; Oosterbroek 2017.

***Hoplolabis* (*Parilisia*) *obtusiapex* (Savchenko, 1982)** [*Ilisia punctigera punctigera* Lackschewitz, 1940] – TL, T31; 150-400 m; 1; csena; Starý 2006f; Oosterbroek 2017.

***Hoplolabis* (*Parilisia*) *punctigera* (Lackschewitz, 1940)** – O62, TL, T31; 150-400 m; 1; mwca, ? mca; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Hoplolabis* (*Parilisia*) *subalpina* (Bangerter, 1947)** [*Ilisia*] – O62, T31; 230-400 m; 1; e; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Hoplolabis* (*Parilisia*) *vicina* (Tonnoir, 1920)** – E2, B2, R5, BN; 120-700 m; 1, 2; e; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Hoplolabis* (*Parilisia*) *yezoana* (Alexander, 1924)** – V5, S211, O62, R1; 230-1250 m; 1, 2, 3; esca; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Ilisia maculata* (Meigen, 1804)** – B2, V5, S211, T31, R2, RW, BN; 0-1000 m; 1, 2; wp; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Hubenov 2015; Oosterbroek 2017.

***Ilisia occoecata* Edwards, 1936** – V5, S211; 700-750 m; 2; e; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *aduncus* Starý, 1978** – R2; 900-1000 m; 2, 3; nmca; Starý 1978; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *appendiculatus* (Staeger, 1840)** – R1, R2; 1230-1950 m; 3, 4; wces; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *ater* (Meigen, 1804)** – V4; 1350-1400 m; 3; wces; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *balcanicus* Kolcsár, 2015** – B1; 1100-1200 m; 3; Ebg; Kolcsár et al., 2015a; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *bifidus* Goetghebuer, 1920** – B1, R1; 350-1147 m; 1, 2; 3; ei; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *bihamatus* de Meijere, 1918** – ●; ♠; e; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *brevihamatus* Bangerter, 1947** – B2, V1, V4, R2; 700-1230 m; 2, 3; csee; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *cinereifrons* de Meijere, 1920** – B2; 1468 m; 3; e; Kolcsár et al., 2015a; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *corniger* de Meijere, 1920** – V4, R2, RW; 1000-2000 m; 3, 4; e; Savchenko & Tomov 1975; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *crassipygus* de Meijere, 1918** – R1; 1147-1250 m; 3; e; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *curvatus* Tonnoir, 1920** – B2, V4, R2; 700-1250 m; 2, 3; e; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *czizeki* Lackschewitz, 1931** – V4; **♠; e;** Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *directidens* Starý, 1976** – R1, R2, RW; 1147-2000 m; 3, 4; ban; Savchenko & Tomov 1975 ?; Starý 1976a; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *flagellatus* Starý, 1976** – R1, R2; 1230-2000 m; 3, 4; Er; Starý 1976; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *griseus* (Meigen, 1804)** – V5, S211, R2, RE; 400-1000 m; 1, 2, 3; eanna; Starý & Krzemiński 1993b; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *lackschewitzianus* Alexander, 1953** – R1; **♠; e;** Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Hubenov 2016; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *lanceolatus* Starý, 1971** – R2; 1400 m; 3; Er; Starý 1971; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *lautereri* Stary, 1974** – R1, RW; 1450-2666 m; 3, 4, 5, 6; Ebg; Starý 1974; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *medius* de Meijere, 1918** – V5, S211, R1, R2; 720-1700 m; 2, 3, 4; e; Starý 1973; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *obscurus* (Meigen, 1818)** – V5, S211, O62, R1, R2, RE, BS; 0-1700 m; 1, 2, 3, 4; eanna; Szilady 1934; Starý 1973; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *obsoletus* Lackschewitz, 1940** – V4, R1, R2, RW; 1200-2389 m; 3, 4, 5; ban, ? seean; Lackschewitz 1940a; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *ochraceus* (Meigen, 1818)** – V4, R2; 1000 m; 2, 3; ean; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *priapoides* Stary, 1971** – R2; 1000-1850 m; 3, 4; e; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *propinquus* (Egger, 1863)** [*M. gladius* de Meijere, 1920] – B1, B2, TL, T31, O62, R1, R2, RW; BS; 0-1700 m; 1, 2, 3, 4; tp; Szilady 1934; Starý 1973a; Savchenko & Tomov 1975; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *scutellatus* Goetghebuer, 1929** – R1; 2389 m; 5; e, ? cse; Lackschewitz 1940; Starý 1970, 1973a; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *spinifer* Lackschewitz, 1940** – O1; 1600 m; 3, 4; see, ? Ebs; Szilady 1934; Lackschewitz, 1940a; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *stroblianus* Nielsen, 1953** – R2; 1000 m; 2, 3; csee, ? e; Starý & Krzemiński 1993b; Oosterbroek 2017.

***Molophilus* (*Molophilus*) *tjederi* Stary, 1968** – O62; 185-2000 m; 1, 2, 3, 4; cse; Starý & Krzemiński 1993b; Oosterbroek 2017.

***Ormosia* (*Ormosia*) *albitibia* Edwards, 1921** – R1; 1230-1390 m; 3; e; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Hubenov 2016; Oosterbroek 2017.

***Ormosia* (*Ormosia*) *amicorum* Savchenko et Tomov, 1975** – V4, RW; 1200-1400 m; 3; Ebg; Savchenko & Tomov 1975; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Ormosia* (*Ormosia*) *bifida* (Lackschewitz, 1940)** – V4, R2; 1400-2000 m; 3, 4; e; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Ormosia* (*Ormosia*) *clavata* (Tonnoir, 1920)** – R1; 1230-1390 m; 3; e; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Ormosia* (*Ormosia*) *fascipennis* (Zetterstedt, 1838)** – R1, R2; 1200-2389 m; 3, 4, 5; h; Lackschewitz, 1940a; Starý 1973; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Ormosia* (*Ormosia*) *hederae* (Curtis, 1835)** – RW; 1200 m; 3; eanca; Savchenko & Tomov 1975; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Ormosia* (*Ormosia*) *lineata* (Meigen, 1804)** – V4; ♠; e; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Ormosia* (*Ormosia*) *microstyla* Savchenko, 1973** – V4; 1400-1420 m; 3; see; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Ormosia* (*Ormosia*) *pirinensis* Stary, 1971** – R1, R2; 1000-1700 m; 3, 4; Ebg; Starý 1971a; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Ormosia* (*Ormosia*) *staegeriana* Alexander, 1953** – R1, R2; 1230-1800 m; 3, 4; e; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Rhypholophus bifurcatus* Goetghebuer, 1920** – R2; 2000 m; 4; ean; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Rhypholophus haemorrhoidalis* (Zetterstedt, 1838)** – R1, R2; 1147-2000 m; 3, 4; e; Szilady 1934; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Rhypholophus obtusistyla* (Stary, 1976)** [*Ormosia*] – R1; 1147-1850 m; 3, 4; Er; Starý 1976a; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Hubenov 2016; Oosterbroek 2017.

***Rhypholophus phryganopterus* Kolenati, 1860** – V4, R2; 1700-2400 m; 4, 5; e, ? cse; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Tasiocera* (*Dasymolophilus*) *fuscescens* (Lackschewitz, 1940)** – R2; 1200-1250 m; 3; e; Starý & Krzemiński 1993b; Oosterbroek 2017.

***Tasiocera* (*Dasymolophilus*) *murina* (Meigen, 1818)** – V4; 900-1400; 2, 3; eanna; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Tasiocera* (*Dasymolophilus*) *robusta* (Bangerter, 1947)** – T31, BS; 0-200 m; 1; e; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranoptycha cinerascens* (Meigen, 1818)** – V1, V4, R2; 600-2000 m; 2, 3, 4; e; Nedelkov 1912; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranoptycha fuscescens* (Schummel, 1829)** – E2, B1, B2, T31, R1, RW, BN, BS; 0-1350 m; 1, 2, 3; wcp; Savchenko & Tomov 1975; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranoptycha livescens* Loew, 1871** [*Dicranomyia*] – R1, R2; 1147-2000 m; 3, 4; e; Szilady 1934; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranoptycha paralivescens* Stary, 1972** – V1, R1, R2; 500-2000 m; 2, 3, 4; e, ? cse; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Ellipteroides* (*Ellipteroides*) *lateralis* (Macquart, 1835)** – B1, V5, S211; 380-750 m; 1, 2; eanna; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Ellipteroides* (*Protogonomyia*) *alboscutellatus* (von Roser, 1840)** – P1, R2; 500-550 m; 1, 2; eanna; Savchenko et al. 1992; Starý & Krzemiński 1993; Oosterbroek 2017.

***Ellipteroides* (*Protogonomyia*) *limbatus* (von Roser, 1840)** – T31; 200-250 m; 1; ean; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Gnophomyia viridipennis* (Gimmerthal, 1847)** – R2; 300-400 m; 1; wes; Starý & Krzemiński 1993b; Oosterbroek 2017.

***Gonomyia* (*Gonomyia*) *abscondita* Lackschewitz, 1935** – R2; 300-1000 m; 1, 2; ena; Starý 2011a; Oosterbroek 2017.

***Gonomyia* (*Gonomyia*) *conoviensis* Barnes, 1924** – V5, S211, R2; 700-1350 m; 2, 3; eanit; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Gonomyia* (*Gonomyia*) *hippocampi* Stubbs and Geiger, 1993** [*G. ingrica* Lackschewitz, 1964] – B2; 700-750 m; 2; e; Krzemiński & Starý 1989; Oosterbroek 2017.

***Gonomyia* (*Gonomyia*) *lucidula* de Meijere, 1920** – B2, V5, S211, T31, R2; 200-1350 m; 1, 2, 3; ean; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Starý 2011a; Oosterbroek 2017.

***Gonomyia* (*Gonomyia*) *recta* Tonnoir, 1920** – B1, B2, V5, S211, T31; 200-750 m; 1, 2; ean; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Gonomyia* (*Gonomyia*) *securiformis* Starý, 2011** – V4; ♠; ? e; Starý 2011a; Oosterbroek 2017.

***Gonomyia* (*Gonomyia*) *simplex* Tonnoir, 1920** – V4; 1400-1420 m; 3; e; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Gonomyia* (*Gonomyia*) *tenella* (Meigen, 1818)** – R2; 900-2000 m; 2, 3, 4; eanna; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Gonomyia* (*Idiocerodes*) *concinna* Lackschewitz, 1940** – O62; 95-130 m; 1; se; Starý & Krzemiński 1993b; Oosterbroek 2017.

***Gonomyia* (*Prolipophleps*) *abbreviata* Loew, 1873** – O62, R2; 230-350 m; 1; ei; Starý & Krzemiński 1993b; Oosterbroek 2017.

***Gonomyia* (*Teuchogonomyia*) *edwardsi* Lackschewitz, 1925** – R2; 1200 m; 3; ess; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Idiocera* (*Idiocera*) *hasta* Stary, 1982** – T31; 80-400 m; 1; Er; Starý 1982; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Idiocera* (*Idiocera*) *pulchripennis* (Loew, 1856)** – V1, R2; RW; 550-1000 m; 1, 2; wp; Starý 1974b; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Idiocera* (*Idiocera*) *punctata* (Edwards, 1938)** – B1, T31, BS; 35-380 m; 1; ? ewca, ? wp; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Idiocera* (*Idiocera*) *sziladyi* (Lackschewitz, 1940)** [*Gonomyia*, *Ptilostena*] – B1, T31; 50-450 m; 1; wpat, ? wp; Szilady 1934; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Lipsothrix errans* (Walker, 1848)** – R1, R2; 1147-1350 m; 3; e; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Lipsothrix nobilis* Loew, 1873** – R2; 500-700 m; 1, 2; ean; Starý & Krzemiński 1993; Starý 2007; Oosterbroek 2017.

***Lipsothrix remota* (Walker, 1848)** – SB, R1, R2; 1147-1350 m; 3; e; Szilady 1934; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Rhabdomastix* (*Lurdia*) *falcata* Starý, 2003** – R2; 1700-1900 m; e; 3, 4; Starý 2003b; Oosterbroek 2017.

***Rhabdomastix* (*Lurdia*) *lurida* (Loew, 1873)** – R2; 1200 m; 3; e; Starý 2003b; Oosterbroek 2017.

***Rhabdomastix* (*Rhabdomastix*) *corax* Starý, 2004** – R2; 500-1200 m; 1, 2, 3; Eb; Starý 2004a; Oosterbroek 2017.

***Rhabdomastix* (*Rhabdomastix*) *edwardsi* Tjeder, 1967** – R2; 360-650 m; 1; e; Starý 2004a; Oosterbroek 2017.

***Rhabdomastix* (*Rhabdomastix*) *eugeni* Starý, 2004** – O62, R2, RW; 180-450 m; 1; e; Starý 2004a; Oosterbroek 2017.

***Rhabdomastix* (*Rhabdomastix*) *filata* Starý, 2004** – T31; 200-700 m; 1, 2; nem; Starý 2004a; Oosterbroek 2017.

***Rhabdomastix* (*Rhabdomastix*) *hirticornis* (Lackschewitz, 1940)** – O62, R2; 150-450 m; 1; ena; Starý 2004a; Oosterbroek 2017.

***Rhabdomastix* (*Rhabdomastix*) *japonica* Alexander, 1924** [*R. laeta* (Loew, 1873)] – B2, T31, O62; 150-700 m; 1, 2; tp; Starý 2004a; Oosterbroek 2017.

***Rhabdomastix* (*Rhabdomastix*) *laeta* (Loew, 1873)** – B2, T31, O62, R2; 150-700 m; 1, 2; wces; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Starý 2004a; Oosterbroek 2017.

***Rhabdomastix* (*Rhabdomastix*) *laetoidea* Starý, 2004** – O62, R2, RW; 150-1000 m; 1, 2; csee; Starý 2004a; Oosterbroek 2017.

***Rhabdomastix* (*Rhabdomastix*) *subparva* Stary, 1971** [*R. schistacea* (Schummel, 1829)] – DW, B, T31, R2; 35-550 m; 1; e; Szilady 1934; Starý 2004a; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Helius* (*Helius*) *calviensis* Edwards, 1928** – BS; 0-20 m; 1; hom; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Helius* (*Helius*) *flavus* (Walker, 1856)** – B1, B2, V5, S211; 350-700 m; 1, 2; des; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Helius* (*Helius*) *longirostris* (Meigen, 1818)** – V5, S211, T31, BS; 0-700 m; 1, 2; eanna; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Antocha* (*Antocha*) *vitripennis* (Meigen, 1830)** – B1, V5, S211, T31, R2; 350-1810 m; 1, 2, 3, 4; wcp; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Antocha* (*Orimargula*) *alpigena* (Mik, 1883)** – R1, R2; 1147-2000 m; 3, 4; e; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Elliptera hungarica* Madarassy, 1881** – B1; 360 m;1; cse; Krzemiński & Starý 1989; Savchenko et al. 1992; Hubenov 2015, 2016; Oosterbroek 2017.

***Elliptera omissa* Schiner, 1863** – RW; 800 m; 2; e; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Orimarga* (*Orimarga*) *attenuata* (Walker, 1848)** – B1, T31, R2; 0-2200 m; 1, 2, 3, 4; wp; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Orimarga* (*Orimarga*) *juvenilis* (Zetterstedt, 1851)** – R2; 1000 m; 2, 3; e; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Thaumastoptera* (*Thaumastoptera*) *calceata* Mik, 1866** – B1, B2, V5, S211, T31, O62; 50-700 m; 1, 2; ? wp; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Achyrolimonia decemmaculata* (Loew, 1873)** – R2; 1200 m; 3; eani; Starý & Krzemiński, 1993b; Oosterbroek 2017.

***Achyrolimonia neonebulosa* (Alexander, 1924)** – R5; 500 m; 1; h; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Atypophthalmus* (*Atypophthalmus*) *inustus* (Meigen, 1818)** – T31, BS; 0-200 m; 1; des, ? hoes; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *autumnalis* (Staeger, 1840)** – V4; ♠; wpo; Starý & Krzemiński, 1993b; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *chorea* (Meigen, 1818)** – V1, T31, R2; 400-1700 m; 1, 2, 3, 4; h; Nedelkov 1912; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *conchifera* (Strobl, 1900)** – B1, T31, R2, RW; 200-1350 m; 1, 2, 3; e; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *didyma* (Meigen, 1804)** – E1, B1, RE; 200-400 m; 1; wcp; Szilady 1934; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *fuscinota* Starý, 2009** [*D. luteipennis* Goetghebuer, 1920] – R1, R2; 1147-2600 m; 3, 4, 5, 6; cse; Krzemiński & Starý 1989; Starý 2009a; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *imbecilla* Lackschewitz, 1941** – E2; 117 m; 1; e; Starý et Stubbs 2015; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *kamakensis* Starý, 1993** – RE; 200 m; 1; ban; Starý 1993; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *longipennis* (Schummel, 1829)** – E1, V1, RW; 10-800 m; 1, 2; ho; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *lucida* de Meijere, 1918** – B1, V5, S211, T31; 200-700 m; 1, 2; ean; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *mitis* (Meigen, 1830)** – B1, V4, O62, T31, R1, R2, RW; 350-1900 m; 1, 2, 3, 4; wp; Savchenko & Tomov, 1975; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *modesta* (Meigen, 1818)** – E1, V1, V5, S211, T31, O62, RW; 10-720 m; 1, 2; h; Nedelkov 1912; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *ornata* (Meigen, 1818)** – R2; 350-1000 m; 1, 2; ean; Starý & Krzemiński 1993; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *pallidinota* Starý, 2009** – BN; 0-20 m; 1; em; Starý 2009a; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *patricia* Starý, 1982** – BS; 0-15 m; 1; hom; Starý 1982; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *quadra* (Meigen, 1838)** – O62, RE; 200-400 m; 1; ena; Starý & Sttubbs 2015; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *sera* (Walker, 1848)** – BS; 0-10 m; 1; h; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *signatella* Stary and Freidberg, 2007** [*D. signata* Lackschewitz, 1941] – V4, R2; 800-1000 m; 2, 3; em; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranomyia* (*Dicranomyia*) *ventralis* (Schummel, 1829)** – T31; 100-200 m; 1; po; Mendl 1986; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranomyia* (*Glochina*) *sericata* (Meigen, 1830)** – BS; 0-15 m; 1; eanna; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranomyia* (*Glochina*) *transsilvanica* Lackschewitz, 1928** – B1; 490-500 m; 1; ean; Starý & Krzemiński 1993b; Oosterbroek 2017.

***Dicranomyia* (*Glochina*) *tristis* (Schummel, 1829)** – B1, V4; 400-900 m; 1, 2; hop, ? ho; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranomyia* (*Idiopyga*) *nigristigma* Nielsen, 1919** – V4; ♠; e; Starý & Krzemiński 1993b; Oosterbroek 2017.

***Dicranomyia* (*Melanolimonia*) *caledonica* Edwards, 1926** – R2, RW; 1200-1800 m; 3, 4; hoes; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Dicranomyia* (*Melanolimonia*) *morio* (Fabricius, 1787)** – V1, R2; 350-550 m; 1, 2; wcp; Starý & Krzemiński 1993b; Oosterbroek 2017.

***Dicranomyia* (*Numantia*) *fusca* (Meigen, 1804)** – R2; 1900-2000 m; 4; h; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranomyia* (*Sivalimnobia*) *aquosa* Verrall, 1886** – R2; 1270 m; 3; e; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Discobola annulata* (Linnaeus, 1758)** – R1; 1147-1250 m; 3; hoa; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Geranomyia caloptera* Mik, 1867** – B1, O62; 150-400 m; 1; eanna; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Limonia flavipes* (Fabricius, 1787)** – B1, B2, V5, S211, R1, R2, RW, BS; 0-1810 m; 1, 2, 3, 4; ena; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Limonia hercegovinae* (Strobl, 1898)** – V4, R2, RW; 800-1200 m; 2, 3; ? wp; Savchenko & Tomov 1975; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Beschovski 2006; Savchenko et al. 1992; Oosterbroek 2017.

***Limonia macrostigma* (Schummel, 1829)** – E2, B1, B2, V4, T31, RW, BS; 0-1700 m; 1, 2, 3, 4; po; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

? ***Limonia maculipennis* (Meigen, 1818)** – RW; 1200 m; 3; ? cse; Savchenko & Tomov 1975; Krzemiński 1984; Beschovski 2006. [According to Oosterbroek (2017) the presence of the species needs confirmation. According to Krzemiński & Starý (1989) it is probably refers to *L. splendens* (Kuntze, 1920)].

***Limonia nigropunctata* (Schummel, 1829)** – B2, V4, R2; 700-1800 m; 2, 3, 4; ean; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Limonia nubeculosa* Meigen, 1804** – P2, B1, B3, V2, V4, T31, O62, R2, RW; 200-2000 m; 1, 2, 3, 4; h; subtroglophile; Buresch 1926, 1936; Czerny 1930; Buresch et al. 1949; Guéorguiev & Beron 1962; Beron & Guéorguiev 1967; Savchenko & Tomov 1975; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beron 1994, 2015, 2016; Beschovski 2006; Beron et al. 2011; Oosterbroek 2017.

***Limonia pannonica* (Kowarz, 1868)** – SB, V4, T31, O62, R2, RW, RE, BS; 0-1350 m; 1, 2, 3; csean; Savchenko & Tomov 1975; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Limonia phragmitidis* (Schrank, 1781)** [*L. tripunctata* (Fabricius, 1781)] – E1, E2, SB, B2, V1, V4, V5, S211, T31, O62, R1, R2, RW, BN, BS; 0-1350 m; 1, 2, 3; wp; Nedelkov 1912; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Limonia splendens* Kuntze, 1920** – O62, RE; 150-400 m; 1; csean; Krzemiński 1984; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Limonia stigma* (Meigen, 1818)** – R2; 1000-2300 m; 3, 4, 5; e; Krzemiński & Starý 1989; Savchenko et al. 1992; Hubenov 2015; Oosterbroek 2017.

***Limonia sylvicola* (Schummel, 1829)** – R1, R2; 1147-1850 m; 3, 4; wces; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Limonia taurica* (Strobl, 1895)** – R2, RW; 1200-1800 m; 3, 4; ean; Savchenko & Tomov 1975; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Limonia trivittata* (Schummel, 1829)** [*Limnobia*] – V1, R1, RW; 600-1390 m; 2, 3; des, ? esanca; Nedelkov 1912; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Metalimnobia* (*Metalimnobia*) *bifasciata* (Schrank, 1781)** [*M. xanthoptera* (Meigen, 1804)] – RR; ♠; tp; Nedelkov 1912; Krzemiński 1984; Beschovski 2006; Oosterbroek 2017.

***Metalimnobia* (*Metalimnobia*) *zetterstedti* (Tjeder, 1968)** – V4, R1, R2, RW; 1200-1876 m; 3, 4; hoes; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Hubenov 2016; Oosterbroek 2017.

***Neolimonia dumetorum* (Meigen, 1804)** – B2, V1, V4, S21, T31, R1, R2, BN, BS; 0-1700 m; 1, 2, 3, 4; ean; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Rhipidia* (*Rhipidia*) *ctenophora* Loew, 1871** – B2; 700 m; 2; e; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Rhipidia* (*Rhipidia*) *maculata* Meigen, 1818** – R1, R2, T31; 200-1900 m; 1, 2, 3, 4; ho; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Rhipidia* (*Rhipidia*) *uniseriata* Schiner, 1864** – V1; O62; 160-800 m; 1, 2; hoes; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

Pediciidae

***Ula* (*Ula*) *mollissima* Haliday, 1833** – V4, R1, RW; 1200-1390 m; 3; ean; Savchenko & Tomov 1975; Krzemiński 1984; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Ula* (*Ula*) *sylvatica* (Meigen, 1818)** – V4; 1400 m; 3; h; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranota* (*Dicranota*) *bimaculata* (Schummel, 1829)** – R1; 1876 m; 4; wes; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranota* (*Ludicia*) *lucidipennis* (Edwards, 1921)** – V1, R1, R2; 550-1876 m; 2, 3, 4; ean; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Starý 2007; Oosterbroek 2017.

***Dicranota* (*Paradicranota*) *auripontium* Stary and Krzeminski, 1993** – ♠; Ebg; Stary & Krzeminski, 1993a; Oosterbroek 2017.

***Dicranota* (*Paradicranota*) *brevicornis* Bergroth, 1891** – R1; 1876 m; 4; cse, ? e; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranota* (*Paradicranota*) *candelisequa* Stary, 1981** – V4; ♠; ena; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranota* (*Paradicranota*) *cinerascens* Lackschewitz, 1940** [*D. pallens* f. *cinerascens* Lackschewitz, 1940] – R2; 1200 m; 3; csee; Lackschewitz, 1940b; Starý 2004b; Oosterbroek 2017.

***Dicranota* (*Paradicranota*) *flammatra* Stary, 1981** – R1; 1147 m; 3; ean; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranota* (*Paradicranota*) *fuscipennis* Lackschewitz, 1940** – V4; 800-1000 m; 2; csean; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranota* (*Paradicranota*) *landrocki* Czizek, 1931** [*Dicranomyia*] – O62, RW; 360-640 m; 1; wp; Szilady 1934; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Starý & Krzemiński 1993b; Beschovski 2006; Oosterbroek 2017.

***Dicranota* (*Paradicranota*) *pallens* Lackschewitz, 1940** – R1; 1876-2389 m; 4, 5; e, ? cse; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Dicranota* (*Paradicranota*) *schistacea* Lackschewitz, 1940** – R2; 470-540 m; 1; cseean; Starý & Krzemiński 1993b; Oosterbroek 2017.

***Dicranota* (*Paradicranota*) *simulans* Lackschewitz, 1940** – R1; 1147 m; 3; e; Krzemiński & Starý 1989; Savchenko et al. 1992; Starý 2004b; Oosterbroek 2017.

***Dicranota* (*Paradicranota*) *subtilis* Loew, 1871** – V4, R2; 1200-1400 m; 3; ean; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Pedicia* (*Amalopis*) *fusca* Ujvárosi and Bálint, 2012** – R1; 1890 m; 4; csee; Ujvárosi & Bálint 2012; Oosterbroek 2017.

***Pedicia* (*Amalopis*) *occulta* (Meigen, 1830)** – R1, R2, R4, RW; 1147-2389 m; 3, 4, 5; ean; Lackschewitz, 1940b; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Ujvárosi et al. 2009; Ujvárosi et al. 2010; Ujvárosi & Bálint 2012; Oosterbroek 2017.

***Pedicia* (*Crunobia*) *littoralis* (Meigen, 1804)** – R1; 1147 m; 3; ean; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Pedicia* (*Crunobia*) *nielseni* (Slipka, 1955)** [*P. riedeli nielseni* (Slipka, 1955)] – R1; 1250 m; 3; e; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Pedicia* (*Crunobia*) *spinifera* Starý, 1974** – T31, R1, RW; 200-1876 m; 1, 2, 3, 4; Ebs; Starý, 1974b; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Kolcsar et al. 2012; Oosterbroek 2017.

***Pedicia* (*Pedicia*) *rivosa* (Linnaeus, 1758)** – R1, R2; 1230-1750 m; 3, 4; wes; Starý, 1973; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Tricyphona* (*Tricyphona*) *immaculata* (Meigen, 1804)** – V4, R2, RW; 1200-2200 m; 3,4; wp; Savchenko & Tomov 1975; Krzemiński 1984; Mendl 1986; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Tricyphona* (*Tricyphona*) *livida* Madarassy, 1881** – R1, R2; 12330-2000 m; 3, 4; e; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Oosterbroek 2017.

***Tricyphona* (*Tricyphona*) *schummeli* Edwards, 1921** – RW; 1200 m; 3; e; Savchenko & Tomov 1975; Krzemiński 1984; Krzemiński & Starý 1989; Savchenko et al. 1992; Beschovski 2006; Oosterbroek 2017.

***Tricyphona* (*Tricyphona*) *zwicki* Mendl, 1973** – R2; 1200 m; 3; nmi; Starý 2007; Oosterbroek 2017.

Cylindrotomidae

***Cylindrotoma distinctissima* (Meigen, 1818)** [*C. d. distinctissima* (Meigen, 1818)] – R1, RW; 1320-1860 m; 3, 4; hoes; Ujvárosi et al. 2011; Oosterbroek 2017.

Blephariceromorpha

Blephariceridae

***Blephariceria fasciata* (Westwood, 1842)** – V4, R1, R5, RW, RE; 750-1400 m; 2, 3; eani; Komárek & Vimmer 1921, 1922, 1934; Arndt 1943; Buresch 1953a; Russev 1961, 1964; Gulička 1966; Russev & Janeva 1975; Zwick 1992; Beron 2004; Beschovski 2006; Uzunov et al. 2011; Varadinova et al. 2013.

***Liponeura bilobata* Loew, 1869** – ♠; Eb; Zwick 1992.

***Liponeura bischoffi* Edwards, 1928** [*L. minor* Bischoff, 1925] – RR; se; Gulička 1966; Russev & Janeva 1975.

***Liponeura brevirostris* Loew, 1877** – R5; 500-900 m; 2; e; Uzunov et al. 2011; Varadinova et al. 2013.

***Liponeura cinerascens* Loew, 1844** [*L. cinerascens* subsp. *jugoslavica* Komarek & Vimmer, 1934; *L. cinerascens* subsp. *komareki* Bischoff, 1925; ? *L. komareki* Vimmer, 1916] – V4, R1, R5, RW; 800-1100 m (? 2000 m); 2, 3, ? 4; ean; Komárek & Vimmer 1934; Buresch 1953a; Zwick 1992; Beschovski 2006; Uzunov et al. 2011; Varadinova et al. 2013.

***Liponeura cordata* Vimmer, 1916** – B2, RW; 700-1150 m; 2, 3; e; Vimmer 1916; Buresch 1953a; Gulička 1966; Russev & Janeva 1975; Russev et al. 1984b; Zwick 1992; Beschovski 2006.

***Liponeura klapaleki* Vimmer, 1916** [*L. vimmeri* Mannheims, 1954] – V4, RW; 750-1000 m; 2; csee; Vimmer 1916; Komárek & Vimmer 1921, 1934; Buresch 1953a; Gulička 1966; Russev & Janeva 1975; Zwick 1992, 2007.

***Liponeura komareki* Vimmer, 1916** – V4; 750-850 m; 2; Er; Vimmer 1916; Komárek & Vimmer 1922, 1934; Buresch 1953a; Zwick 1992.

Bibionomorpha

Bibionidae[1]

***Bibio clavipes* Meigen, 1818** – V1; 550 m; 1; hoes, ? tes; Nedelkov 1912; Krivosheina 1986.
***Bibio consanguineus* Loew, 1869** [*B. pomonae* var. *consanguineus* Loew, 1869] – B2; ♣; ♠; ees; Szilády 1934.
***Bibio fulviventris* Meigen, 1818** – V1, P1, P2; 120-600 m; 1, 2; ? e; Nedelkov 1912; Nikolova & Natskova 1965.
***Bibio graecus* Duda, 1930** [*B. hortulanus* var. *graecus* Duda, 1930] – ♠; ? ▪; Eb; Nikolova & Natskova 1965.
***Bibio hortulanus* (Linnaeus, 1758)** – ▪; ♦; DW, E1, E2, V1, TL, R1; 20-1200 m; 1, 2, 3; wp; Meunier 1897; Joakimoff 1899; Kovachev 1905; Nedelkov 1912; Szilády 1934 ; Drensky 1955; Popov & Nikolova 1958; Grigorov 1972.
***Bibio johannis* (Linnaeus, 1767)** – BN; ♣; 0-30 m; 1; h, ? ho; Loew 1862.
***Bibio lanigerus* Meigen, 1818** – R1; 550-2100 m; 2, 3, 4; e, ? des; Joakimoff 1899.
***Bibio marci* (Linnaeus, 1758)** – DM, E1, E2, V1, K9, R1, TL; 25-1200 m; 1, 2, 3; ena; Meunier 1897; Kovachev 1905; Nedelkov 1912; Drensky 1928; Popov & Nikolova 1958; Nikolova & Natskova 1965; Tsolova & Koleva 2018.
***Bibio pomonae* (Fabricius, 1775)** – P1, P2, SB, V1, O1, R1, RR; 150-1000 m; 1, 2; des, ? dp; Meunier 1897; Nedelkov 1912; Drenowsky 1936; Nikolova & Natskova 1965.
***Bibio reticulatus* Loew, 1846** – V1; 550-600 m; 1, 2; e; Nedelkov 1912.
***Bibio varipes* Meigen, 1830** – V1; 550-600 m; 1, 2; wces; Nedelkov 1912.
***Dilophus febrilis* (Linnaeus, 1758)** [*D. vulgaris* Meigen, 1818] – V1, S1, S23; 550-800 m; 1, 2; ewca; Meunier 1897; Nedelkov 1912; Nikolova & Natskova 1965.
***Dilophus femoratus* Meigen, 1804** – K9; 520-550 m; 1, 2; wcp, ? h; Nedelkov 1912.
Hesperinidae
***Hesperinus imbecillus* (Loew, 1858)** – B1, RW; 500-1266 m; 2, 3; seean, ? csean, m; Bechev 1991b; Popova 2006.

Mycetophilidae (Fungivoridae)[2]

***Mycomya* (*Cymomya*) *circumdata* (Stæger, 1840)** – P1, B1, B2, T31; 200-1600 m; 1, 2, 3; hoes; Väisänen 1984; Bechev 1985a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.
***Mycomya* (*Mycomya*) *bicolor* (Dziedzicki, 1885)** – B1; 1700 m; 4; h; Väisänen 1984; Bechev 1985a, 1997, 2000, 2002a, 2010.
***Mycomya* (*Mycomya*) *cinerascens* (Macquart, 1826)** – P1, B1, B2, O62, R1, R2, RW; 170-1740 m; 1, 2, 3, 4; ho; Väisänen 1984; Bechev 1985a, 1997, 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.
***Mycomya* (*Mycomya*) *denmax* Vaisanen, 1979** – B1; 775 m; 2; h; Väisänen 1984; Bechev 1985a, 1997, 2000, 2002a, 2010.
***Mycomya* (*Mycomya*) *digitifera* Edwards, 1925** – B1; 775 m; 2; e; Väisänen 1984; Bechev 1985a, 1997, 2000, 2002, 2010.
***Mycomya* (*Mycomya*) *disa* Vaisanen, 1984** – R1, R2; 1450-1740 m; 3, 4; e; Bechev 1996a, 1997, 2000, 2002a, 2010.
***Mycomya* (*Mycomya*) *flavicollis* (Zetterstedt, 1852)** – P1, B1, B2, T31, R2; 100-1400 m; 1, 2, 3; e; Väisänen 1984; Bechev 1985a, 1997, 2000, 2002a, 2010.
***Mycomya* (*Mycomya*) *griseovittata* (Zetterstedt, 1852)** [*M. fasciata* Zetterstedt, 1838] – B2; 700-800 m; 2; h; Bechev 1989a, 1997, 2000, 2002a, 2010.
***Mycomya* (*Mycomya*) *marginata* (Meigen, 1818)** – P1, B1, B2, O62, R2, RW; 146-1740 m; 1, 2, 3, 4; dp; Väisänen 1984; Bechev 1985a, 1997, 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016 Pavlova & Stojanova 2020; Pavlova 2020a, 2020b.
***Mycomya* (*Mycomya*) *neohyalinata* Väisänen, 1984** [*M. hyalinata* (Meigen, 1830)] – B1, R2; 440-600 m; 1, 2; h; Väisänen 1984; Bechev 1985a, 1989a, 1997, 2000, 2002a, 2010; Pavlova 2020b.

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[1] † *Plecia* sp. [Langourov M., Pavlova A., Hubenov Z., Bozukov V. & Simov N. 2021. First record of fossil Diptera (Insecta) in Miocene deposits in Bulgaria. Comptes rendus de l'Académie bulgare des Sciences 74 (2): 233-240.]

[2] † *Mycetophila aff. pulchella* Heer. (Dipt.) [Drensky P. & Stefanoff At. 1939. Das erste fossile Insekt aus Bulgarien. Mitteilungen der Bulgarischen Entomologischen Gesellschaft in Sofia 10: 51-54. (In Bulgarian with German summary).]

***Mycomya* (*Mycomya*) *occultans* (Winnertz, 1863)** – B1; 350 m; 1; po; Bechev 1989a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Mycomya* (*Mycomya*) *parva* (Dziedzicki, 1885)** – B1; 800-1250 m; 2, 3; des; Bechev 1989a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Mycomya* (*Mycomya*) *prominens* (Lundstrom, 1913)** – O62, R2, RW; 146-950 m; 1, 2, 3; e, ? wes; Väisänen 1984; Bechev 1997, 2002a, 2006b, 2010; Pavlova & Stojanova 2020; Pavlova 2020a, 2020b.

***Mycomya* (*Mycomya*) *ruficollis* (Zetterstedt, 1852)** – R1; 1450 m; 3; h; Bechev 1991a, 1997, 2002a, 2010.

***Mycomya* (*Mycomya*) *sigma* Johannsen, 1910** – B1, B2; 700-800 m; 2; h; Bechev 1989a, 1997, 2000, 2002a, 2010.

***Mycomya* (*Mycomya*) *tenuis* (Walker, 1856)** – P1, B1, B2, O62, R1, R2, RW; 170-1740 m; 1, 2, 3, 4; ? wes, ? h; Väisänen 1984; Bechev 1985a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Mycomya* (*Mycomya*) *tridens* (Lundstrom, 1911)** – B1, B2; 350-1250 m; 1, 2, 3; e; Bechev 1989a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Mycomya* (*Mycomya*) *vittiventris* (Zetterstedt, 1852)** – B1; 1700 m; 4; des; Väisänen 1984; Bechev 1985a, 1997, 2000, 2002a, 2010.

***Mycomya* (*Mycomya*) *wankowiczii* (Dziedzicki, 1885)** – B1, B2; 775-1100 m; 2, 3; h; Väisänen 1984; Bechev 1985a, 1997, 2000, 2002a, 2010.

***Mycomya* (*Mycomya*) *winnertzi* (Dziedzicki, 1885)** – B1, RW; 350-900 m; 1, 2; dpo; Bechev 1989a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Mycomya* (*Mycomyopsis*) *penicillata* (Dziedzicki, 1885)** – BN; 20 m; 1; wes, ? e; Bechev 1994, 1997, 2002a, 2010.

***Mycomya* (*Mycomyopsis*) *trilineata* (Zetterstedt, 1838)** [*M. neolittoralis* Väisänen, 1984] – B1, B2, O62, R2; 203-1400 m; 1, 2, 3; des; Bechev 1989a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Mycomya* (*Neomycomya*) *fimbriata* (Meigen, 1818)** – T31; 5-100 m; 1; ho; Bechev 1996a, 1997, 2002a, 2010.

***Neoempheria bimaculata* (von Roser, 1840)** – B1, B2; 200-900 m; 1, 2; e; Bechev 1990a, 1997, 2000, 2002a, 2010.

***Neoempheria lineola* (Meigen, 1818)** – B1, O62, R2; 146-770 m; 1, 2; des; Bechev 1986b, 1997, 2000, 2002a, 2010; Pavlova 2020a, 2020b.

***Neoempheria pictipennis* (Haliday, 1833)** – P1; 550 m; 1; des; Bechev 1989a, 1997, 2000, 2002a, 2010.

***Neoempheria proxima* (Winnertz, 1863)** – B1; 350-900 m; 1, 2; des; Bechev 1986a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Neoempheria striata* (Meigen, 1818)** – B1, V1, TL, O62, RE; 150-775 m; 1, 2; hoes; Nedelkov 1912; Bechev 1985a, 1997, 2000, 2002a, 2004a, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Apolephthisa subincana* (Curtis, 1837)** – RW; 1185-1300 m; 3; e; Bechev 1994, 1997, 2002a, 2006b, 2010.

***Boletina anderschi* Stannius, 1881** – P1, B1, RW; 380-800 m; 1, 2; csee; Bechev 1986b, 1997, 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016.

***Boletina basalis* (Meigen, 1818)** – B1; 1250 m; 3; e, ? po; Bechev 1989a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Boletina gripha* Dziedzicki, 1885** [*B. dispecta* Dziedzicki, 1885] – P1, B1, B2, O62, R1, R2, RE; 146-2390 m; 1, 2, 3, 4, 5; hoes; Bechev 1986a, 1986b, 1997, 2000, 2002a, 2004a, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020a, 2020b.

***Boletina lundstroemi* Landrock, 1912** – B1, RW; 775-1500 m; 2, 3; wes; Bechev 1986b, 1997, 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016.

***Boletina nigricoxa* Stæger, 1840** – P1, B1, O62, R2, RW, RE; 170-1700 m; 1, 2, 3, 4; des; Bechev 2000, 2002a, 2004a, 2006b, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Boletina nitida* Grzegorzek, 1885** – P1, B1, R2; 250-700 m; 1, 2; des; Bechev 1989a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Boletina pallidula* Edwards, 1925** – B2, RW; 800-1500 m; 2, 3; e; Bechev 1994, 1997, 2000, 2002a, 2006b, 2010.

***Boletina plana* Walker, 1856** – R2, RW; 500-1740 m; 1, 2, 3, 4; des; Bechev 1994, 1997, 2002a, 2006b, 2010.

***Boletina sciarina* Stæger, 1840** – P1, B1, B2, O62, R1, R2, RW, RE; 170-1740 m; 1, 2, 3, 4; h; Bechev 1994, 1997, 2000, 2002a, 2004a, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Boletina trispinosa* Edwards, 1913** – B1; 775 m; 2; ? dpo, ? e; Bechev 1989a, 1997, 2000, 2002, 2010.

***Boletina trivittata* (Meigen, 1818)** – B1, B2, RW; 900-1700 m; 3, 4; des; Bechev 1986a, 1997, 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016.

***Coelosia flava* (Stæger, 1840)** – B1, O62, R2; 170-1250 m; 1, 2, 3; e; Bechev 1986b, 1997, 2000, 2002a, 2010; Bechev & Pavlova, 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Coelosia fusca* Bezzi, 1892** – O62, R2, RW; 146-510 m; 1; eswa; Pavlova, 2020a, 2020b.

***Ectrepesthoneura ledenikiensis* Bechev, 1988** – B1, O62; 170-800 m; 1, 2, 3; Eb; Bechev 1988a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova 2020b, 2020c.

***Grzegorzekia collaris* (Meigen, 1818)** – B1; 203-1250 m; 1, 2, 3; ? e, ? wes; Bechev 1986b, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Palaeodocosia vittata* (Coquillett, 1901)** [*P. janickii* Diziedzicki, 1923] – B1; 1250 m; 3; h; Bechev 1986b, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Saigusaia flaviventris* (Strobl, 1894)** – B2; 1000 m; 3; des; Bechev 1994, 1997, 2000, 2002a, 2010.

***Synapha fasciata* Meigen, 1818** – RW, RE, BN; 10-500 m; 1; e; Bechev 1991a, 1997, 2000, 2002a, 2004, 2006b, 2010.

***Synapha vitripennis* (Meigen, 1818)** – P1, B1, B2; 350-1300 m; 1, 2, 3; h; Bechev 1986b, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Tetragoneura ambigua* (Grzegorzek, 1885)** – B1, B2; 700-1300 m; 2, 3; e; Bechev 1986b, 1994, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Tetragoneura sylvatica* (Curtis, 1837)** – B1, RW; 600-1700 m; 2, 3, 4; e; Bechev 1986b, 1997, 2000, 2002a, 2006b, 2010.

***Acnemia amoena* Winnertz, 1863** – T31, O62; 146-550 m; 1; des; Bechev 2001, 2002a, 2010; Pavlova 2020b.

***Acnemia angusta* Zaitzev, 1982** – P1; 200 m; 1; e; Bechev 2001, 2002a, 2010.

***Acnemia falcata* Zaitzev, 1982** – B1; 800 m; 2, 3; e, ? wes; Bechev 1986a, 1997, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Acnemia longipes* Winnertz, 1863** – P1, B1; 350-550 m; 1; des; Bechev 1986a, 1997, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Acnemia nitidicollis* (Meigen, 1818)** – P1, B1, R2, BS; 40-1400 m; 1, 2, 3; des; Bechev 1986a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

Acnemia vratzatica Bechev, 1985 – B1; 550-650 m; 1, 2; Er; Bechev 1985b, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Anaclileia beshovskii* Bechev, 1990** – B1, B2, V4; 775-1600 m; 2, 3; e; Bechev 1990b, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Azana* (*Azana*) *anomala* (Stæger, 1840)** – T3, T31, O62, R2, RW; 203-1185 m; 1, 2, 3; ena; Bechev 1991a, 1997, 2002a, 2006b, 2010; Pavlova 2020b.

***Azana* (*Azana*) *flavohalterata* Strobl in Czerny & Strobl, 1909** [*A. bulgarense* Coher, 1995] – T3, O62; 146-270 m; 1; nm, ? hom; Coher 1995; Bechev 2002a, 2010; Pavlova 2020a, 2020b, 2020c.

***Azana* (*Jugazana*) *nigricoxa* Strobl, 1898** – E1, BN; 50-220 m; 1; Eb; Bechev 2003, 2010.

***Megalopelma nigroclavatum* (Strobl, 1910)** – B1; 320-1250 m; 1, 2, 3; h; Bechev 1990a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Monoclona rufilatera* (Walker, 1837)** – B1, R2, RW; 350-700 m; 1, 2; h; Bechev 1986b, 1997, 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Neuratelia minor* (Lundström, 1912)** – P1, B1, T31, RE; 100-1250 m; 1, 2, 3; et; Bechev 1986a, 1997, 2000, 2002a, 2004a, 2010; Bechev & Pavlova 2016.

***Neuratelia nemoralis* (Meigen, 1818)** – B1, B2, RW; 775-1700 m; 2, 3, 4; h; Bechev 1986b, 1997, 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016.

***Paratinia sciarina* Mik, 1874** – RW; 1185 m; 3; e; Bechev 1991a, 1997, 2000, 2002a, 2006b, 2010.

***Phthinia humilis* Winnertz, 1863** – B1, B2; 400-1250 m; 1, 2, 3; des; Bechev 1986a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Phthinia winnertzi* Mik, 1869** – B1, T31; 180-600 m; 1, 2; e; Bechev 1986b, 1997, 2000, 2002a, 2010.

***Polylepta guttiventris* (Zetterstedt, 1852)** – B1, B2, R2, RW; 775-1740 m; 2, 3, 4; h; Bechev 1985a, 1990c, 1997, 2000, 2002a, 2006b, 2010.

***Polylepta zonata* Zetterstedt, 1852** [*P. meridionalis* Bechev, 1990] – T31, R3; 200-1300 m; 1, 2, 3; e; Bechev 1990c, 1997, 2002a, 2003, 2010; Kurina 2003.

***Sciophila baltica* Zaitzev, 1982** – P1, B1; 550-1250 m; 1, 2, 3; e; Bechev 1986a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Sciophila fenestella* Curtis, 1837** – RW; 400 m; 1; h; Bechev 2001, 2002a, 2006b, 2010.

***Sciophila hirta* Meigen, 1818** – B1, O62, R2; 203-775 m; 1, 2; h; Bechev 1986a, 1997, 2000, 2002a, 2010; Pavlova 2020b.

***Sciophila lutea* Macquart, 1826** – B1, B2, O62, R2; 146-1300 m; 1, 2, 3; tp; Bechev 1986a, 1989b, 1997, 1999a, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Sciophila nonnisilva* Hutson, 1979** – B1; 350 m; 1; h; Bechev 1986a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Sciophila rufa* Meigen, 1830** – B1, O62, R2; 170-1700 m; 1, 2, 3, 4; esca; Bechev 1986b, 1986c, 1989b, 1997, 1999a, 2000, 2002a, 2010; Kolarov & Bechev 1995; Pavlova & Stojanova 2020; Pavlova 2020b.

***Sciophila thoracica* Stæger, 1840** – P1, B1; 250-550 m; 1; e; Bechev 1986a, 1997, 2000, 2002a, 2003, 2010; Bechev & Pavlova 2016.

***Sciophila zaitzevi* Bechev, 1988** – B1; 775; 2; Er; Bechev 1988b, 1997, 2000, 2002a, 2010.

***Speolepta leptogaster* (Winnertz, 1863)** – P1, B1, B2, RW; 400-1200 m; 1, 2, 3; e, ? ho; troglophile; Burghele-Bălăcesko 1966; Beron & Guéorguiev 1967; Hazelton 1970; Bechev 1985a, 1997, 2000, 2002a, 2006b, 2010; Beron et al. 2011; Beron 2015; Bechev & Pavlova 2016.

***Clastobasis alternans* (Winnertz, 1863)** – BN; 10-20 m; 1; eca ?; Bechev 1994, 1997, 2002a, 2010.

***Docosia gilvipes* (Walker, 1856)** – P1, B1, O62, R2, RW, RE; 146-1500 m; 1, 2, 3; tp; Bechev 1989a, 1997, 2000, 2002a, 2004, 2006b, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020a, 2020b.

***Docosia lastovkai* Chandler, 1994** – B1, O62, R2; 146-800 m; 1, 2, 3; eswa; Bechev & Pavlova 2016; Pavlova 2020a, 2020b.

***Docosia moravica* Landrock, 1916** – P1, B1, B2, RW, RE; 380-900 m; 1, 2; e ?; Bechev 1989a, 1997, 2000, 2002a, 2004a, 2006b, 2010; Bechev & Pavlova 2016.

***Docosia muranica* Kurina & Ševčik, 2011** – B1, O62, R2; 203-800 m; 2, 3; csee; Bechev & Pavlova 2016; Pavlova 2020b.

***Docosia nigra* Landrock, 1928** – B1; 600-650 m; 1, 2; csee; Bechev & Pavlova 2016.

***Docosia rohaceki* Sevcik, 2006** – O62, R2, RW; 203-510 m; 1; csee; Pavlova 2020b, 2020c.

***Greenomyia mongolica* Laštovka et Matile, 1974** – P1, O62; 170-550 m; 1; esca; Bechev 1989a, 1997, 2000, 2002a, 2010; Pavlova 2020b.

***Greenomyia tomovi* Bechev & Pavlova, 2012** – RE; 150-200 m; 1; Er; Bechev & Pavlova 2012.

***Leia bimaculata* (Meigen, 1804)** [*Neoglaphyroptera fasciola* Meigen, 1818] – P1, B1, B2, O62, R2, RW, RE; 146-510 m; 1, 2; wcp; Nedelkov 1912; Bechev 1985a, 1989b, 1997, 1999a, 2000, 2002a, 2004a, 2006b, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020a, 2020b.

***Leia cylindrica* (Winnertz, 1863)** – P1, B1, RW, RE; 250-1500 m; 1, 2, 3; e; Bechev 1986b, 1997, 2000, 2002a, 2004a, 2006b, 2010; Bechev & Pavlova 2016.

***Leia graeca* Bechev, 1997** – O62, R2; 170-510 m; 1; Eb; Pavlova 2020b, 2020c.

***Leia picta* Meigen, 1818** – RW; 1500 m; 3; e; Bechev 1986a, 1997, 2000, 2002a, 2006b, 2010.

***Leia winthemii* Lehmann, 1822** – B1, O62, R1, R2; 146-1300 m; 1, 2, 3, 4; ho; Bechev 1986b, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova 2020a, 2020b.

***Megophthalmidia crassicornis* (Curtis, 1837)** – O62, BS; 20-200 m; 1; e; Bechev 2003, 2010; Pavlova 2020b.

***Novakia scatopsiformis* Strobl, 1893** – B1, R1, RW; 800-1500 m; 2, 3, 4; ena; Bechev 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016.

***Rondaniella dimidiata* (Meigen, 1804)** – B1, RW; 600-1500 m; 2, 3, 4; h, ? hn; Bechev 1986b, 1997, 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016.

***Allodia* (*Allodia*) *anglofennica* Edwards, 1921** – B1; 1700 m; 4; h; Bechev 1997, 1998, 2000, 2002a, 2010.

***Allodia* (*Allodia*) *lugens* (Wiedemann, 1817)** – P1, B1, B2, O62; 170-1700 m; 1, 2, 3; h; Bechev 1997, 1998, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020.

***Allodia* (*Allodia*) *ornaticollis* (Meigen, 1818)** – P1, B1, B2, O62, R2, BN; 10-800 m; 1, 2, 3; h; Bechev 1997, 1998, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Allodia* (*Allodia*) *truncata* Edwards, 1921** – B1, B2; 700-1300 m; 2, 3; h; Bechev 1997, 1998, 2000, 2002a, 2010.

***Allodia* (*Brachycampta*) *alternans* (Zetterstedt, 1838)** – P1, B1, O62; 170-1250 m; 1, 2, 3; h; Bechev 1997, 1998, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Allodia* (*Brachycampta*) *barbata* (Lundstrom, 1909)** – B1; 350 m; 1; h; Bechev 1997, 1998, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Allodia* (*Brachycampta*) *foliifera* (Strobl, 1910)** [*A. triangularis* (Strobl, 1895)] – B1; 350-700 m; 1, 2; h; Bechev 1997, 1998, 2000, 2002a, 2003, 2010; Bechev & Pavlova 2016.

***Allodia* (*Brachycampta*) *grata* (Meigen, 1830)** – P1, B1, B2; 350-1300 m; 1, 2, 3; dp; Bechev 1997, 1998, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Allodia* (*Brachycampta*) *neglecta* Edwards, 1925** – B1; 350-600 m; 1, 2; e; Bechev 1997, 1998, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Allodia* (*Brachycampta*) *pistillata* (Lundstrom, 1911)** – B1, O62; 170-1250 m; 1, 2, 3; h; Bechev 1997, 1998, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Allodia* (*Brachycampta*) *silvatica* (Landrock, 1912)** – B1; 350 m; 1; dp; Bechev 1997, 1998, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Allodia* (*Brachycampta*) *triangularis* (Strobl, 1895)** [*A. retracta* (Plassmann, 1977)] – B1; 350 m; 1; tes; Bechev 1997, 1998, 2000, 2002a, 2003, 2010; Bechev & Pavlova 2016.

***Allodia* (*Brachycampta*) *westerholti* Caspers, 1980** – P1, B1; 550-800 m; 1, 2, 3; e; Bechev 2003, 2010; Bechev & Pavlova 2016.

***Allodiopsis domestica* (Meigen, 1830)** – B1, B2, O62, R2; 170-1250 m; 1, 2, 3; h; Bechev 1990a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Allodiopsis pseudodomestica* (Lackschewitz, 1937)** – B2; 1000 m; 2, 3; tes, ? des; Bechev 1990a, 1997, 2000, 2002a, 2010.

***Allodiopsis rustica* (Edwards, 1941)** – B1, B2, T31, RW; 100-1500 m; 1, 2, 3, 4; tp; Bechev 1991a, 1997, 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016.

***Anatella ciliata* Winnertz, 1863** – B1, RW; 1185-1700 m; 3, 4; h; Bechev 1989a, 1997, 2000, 2002a, 2006b, 2010.

***Anatella lenis* Dziedzicki, 1923** – B2; 1000 m; 3; des; Bechev 1990a, 1997, 2000, 2002a, 2010.

***Anatella minuta* (Stæger, 1840)** – B1, B2; 700-1200 m; 2, 3; h; Bechev 1989a, 1997, 2000, 2002a, 2010.

***Anatella novata* Dziedzicki, 1923** – B1; 1700 m; 4; des; Bechev 1990a, 1997, 2000, 2002a, 2010.

***Anatella simpatica* Dziedzicki, 1923** – B1; 600 m; 2; h; Bechev 1989a, 1997, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Anatella turi* Dziedzicki, 1923** – B2, O62; 203-1000 m; 1, 2, 3; des; Bechev 1990a, 1997, 2000, 2002a, 2010; Pavlova 2020b.

***Brevicornu fissicauda* (Lundstrom, 1911)** – B1, B2, O62, R2; 146-1250 m; 1, 2, 3; h; Bechev 1991a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020a, 2020b.

***Brevicornu griseicolle* (Stæger, 1840)** – P1, B1, B2, O62, R2; 350-1250 m; 1, 2, 3; h; Bechev 1991a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Brevicornu ruficorne* (Meigen, 1838)** – B1; 600-1700 m; 2, 3, 4; h; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Brevicornu sericoma* (Meigen, 1830)** – P1, B1, B2, O62, R2, RW; 170-1750 m; 1, 2, 3, 4; h; Bechev 1991a, 1997, 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Brevicornu spathulatum* (Lundström, 1911)** – B1; 600 m; 2; csee; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Brevicornu verralli* (Edwards, 1925)** – O62, R2; 170-510 m; 1; wp; Pavlova 2020b.

***Stigmatomeria crassicornis* (Stannius, 1831)** – O62; 170-240 m; 1; h; Pavlova & Stojanova 2020.

***Cordyla brevicornis* (Stæger, 1840)** – B1, V1, O62, R2, RW; 170-1500 m; 1, 2, 3, 4; wces; Nedelkov 2012; Bechev 1985a, 1997, 2000, 2002a, 2006b, 2010; Pavlova & Stojanova 2020; Pavlova 2020b.

***Cordyla crassicornis* Meigen, 1818** – P1, B1, T31, O62, BN, BS; 5-600 m; 1, 2; des; Bechev 1996a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Cordyla fasciata* Meigen, 1830** – RW; 1500 m; 3, 4; des; Bechev 1996a, 1997, 2002a, 2010.

***Cordyla fissa* Edwards, 1925** – P1, B1, O62, R2, RW, BS; 5-1500 m; 1, 2, 3, 4; wes; Bechev 1996a, 1997, 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Cordyla flaviceps* (Stæger, 1840)** – B1; 800 m; 2, 3; wes; Bechev 1996a, 1997, 2000, 2002a, 2010.

***Cordyla fusca* Meigen, 1804** – B1, O62, R2; 146-1100 m; 1, 2, 3; wces; Bechev 1996a, 1997, 1999a, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova 2020a, 2020b.

***Cordyla murina* Winnertz, 1863** – B1, T31, R1, R2, R3; 350-2200 m; 1, 2, 3, 4, 5; hoes; Bechev 1996a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Cordyla nitens* Winnertz, 1863** – B1, O62; 170-1100 m; 1, 2, 3; wces; Bechev 1996a, 1997, 1999a, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Cordyla nitidula* Edwards, 1925** – B1, O62, R2, RW; 146-1500 m; 1, 2, 3, 4; wes; Bechev 1996a, 1997, 1999a, 2000, 2002a, 2006b, 2010; Pavlova 2020a, 2020b.

***Cordyla semiflava* (Stæger, 1840)** – B1; 800 m; 2; tes; Bechev 1996a, 1997, 2000, 2002a, 2010.

***Exechia bicincta* (Stæger, 1840)** – P1, B1, B2, RE; 250-1250 m; 1, 2, 3; h; Bechev 1989a, 1989b, 1997, 1999a, 2000, 2002a, 2004a, 2010; Bechev & Pavlova 2016.

***Exechia dizona* Edwards, 1924** – P1; 320 m; 1; tes, ? hoes; Bechev 1990a, 1997, 2000, 2002a, 2010.

***Exechia dorsalis* (Stæger, 1840)** – P1, B1, B2, O62, R2; 170-1000 m; 1, 2, 3; hoes; Bechev 1989a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Exechia exigua* Lundström, 1909** – B1, B2, RE; 300-1250 m; 1, 2, 3; tes; Bechev 1989a, 1997, 2000, 2002a, 2004a, 2010; Bechev & Pavlova 2016.

***Exechia festiva* Winnertz, 1863** – B2, R2; 440-900 m; 1, 2, 3; ena; Bechev 1989a, 1997, 2000, 2002a, 2010; Pavlova 2020b.

***Exechia fulva* Santos Abreu, 1920** [*E. peyerimhoffi* Burghele-Balacesco, 1966] – B1, B2, RW; 700-1750 m; 2, 3, 4; ena; Bechev 1986a, 1997, 1999a, 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016.

***Exechia fusca* (Meigen, 1804)** [*E. lateralis* Meigen, 1818] – P1, B1, B2, T31, O62, R1, R2, RW, RE; 100-1700 m; 1, 2, 3, 4; h; Joakimov 1899; Bechev 1985a, 1989b, 1997, 1999a, 2000, 2002a, 2004a, 2006b, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020a, 2020b.

***Exechia lundstroemi* Landrock, 1923** – B1, RW; 800-1700 m; 3, 4; hoes; Bechev 1989a, 1997, 1999a, 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016.

***Exechia macula* Chandler, 2001** [*E. maculipennis* Stannius, 1831] – P1; 550 m; 1; esca; Bechev 1994, 1997, 2000, 2002a, 2003, 2010.

***Exechia parva* Lundstrom, 1909** – P1, B1, B2, R2, RE; 150-1700 m; 1, 2, 3, 4; hoes; Bechev 1989a, 1997, 2000, 2002a, 2004a, 2010; Pavlova 2020b.

***Exechia pseudocincta* Strobl, 1910** – B1, B2; 600-1750 m; 2, 3, 4; hoes; Bechev 1989a, 1997, 2000, 2002a, 2010.

***Exechia separata* Lundstrom, 1912** – B1, RE; 300-1250 m; 1, 2, 3; tp; Bechev 1989a, 1989b, 1997, 1999a, 2000, 2002a, 2004a, 2010; Bechev & Pavlova 2016.

***Exechia seriata* (Meigen, 1830)** – P1, B1, B2, R2, RE; 350-1250 m; 1, 2, 3; hoes, ? h; Bechev 1986a, 1989b, 1997, 1999a, 2000, 2002a, 2004a, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Exechiopsis* (*Exechiopsis*) *clypeata* (Lundstrom, 1911)** – B2, R1; 1000-2390 m; 3, 4, 5; e; Bechev 1990a, 1997, 2000, 2002a, 2010.

***Exechiopsis* (*Exechiopsis*) *dumitrescae* (Burghele-Balacesco, 1972)** – B2; 1000 m; 3; wces; Bechev 1990a, 1997, 2000, 2002a, 2010.

***Exechiopsis* (*Exechiopsis*) *furcata* (Lundstrom, 1911)** [*Exechia*] – B1; 800-1250 m; 2, 3; e; subtroglophile; Burghele-Balacesco 1966; Beron & Gueoruiev 1967; Bechev 1985a, 1997, 2000, 2002a, 2010; Beron 2015, 2016; Bechev & Pavlova 2016.

***Exechiopsis* (*Exechiopsis*) *indecisa* (Walker, 1856)** [*Exechia*] – B1; 800 m; 2, 3; hoes; subtroglophile; Burghele-Balacesco 1966; Beron & Gueoruiev 1967; Bechev 1985a, 1997, 2000, 2002a, 2010; Beron 2015, 2016; Bechev & Pavlova 2016.

***Exechiopsis* (*Exechiopsis*) *intersecta* (Meigen, 1818)** [*Exechia*] – B1; 800 m; 2, 3; e; subtroglophile; Burghele-Balacesco 1966; Beron & Gueoruiev 1967; Bechev 1985a, 1997, 2000, 2002a, 2010; Beron 2015, 2016; Bechev & Pavlova 2016.

***Exechiopsis* (*Exechiopsis*) *lackschewitziana* (Stackelberg, 1948)** – RW; 1500 m; 3, 4; wes; Bechev 1996a, 1997, 2002a, 2006b, 2010.

***Exechiopsis* (*Exechiopsis*) *magnicauda* (Lundstrom, 1911)** – B1, O62; 170-1250 m; 1, 2, 3; des; Bechev 1986a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Exechiopsis* (*Exechiopsis*) *subulata* (Winnertz, 1863)** – B2; 700-1000 m; 2, 3; e; Bechev 1989a, 1997, 2000, 2002a, 2010.

***Exechiopsis* (*Exechiopsis*) *unguiculata* (Lundstrom, 1911)** – B1; 1700 m; 4; e; Bechev 1989a, 1997, 2000, 2002a, 2010.

***Exechiopsis* (*Exechiopsis*) *vizzavonensis* (Edwards, 1928)** [*Exechia*] – B1, B2, RW; 800-1350 m; 2, 3; ena; subtroglophile; Burghele-Balacesco 1966; Beron & Gueoruiev 1967; Bechev 1985a, 1997, 2000, 2002a, 2006b, 2010; Beron 2015, 2016; Bechev & Pavlova 2016.

***Exechiopsis* (*Xenexechia*) *crucigera* (Lundstrom, 1909)** – P1, B1, RE; 300-700 m; 1, 2; e; Bechev 1989a, 1997, 2000, 2002a, 2004a, 2010.

***Exechiopsis* (*Xenexechia*) *davatchii* (Matile, 1969)** – B1, 800 m; 2; dp; Bechev 1989a, 1997, 2000, 2002a, 2010.

***Exechiopsis* (*Xenexechia*) *leptura* (Meigen, 1830)** – B2; 1000 m; 3; des; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Notolopha cristata* (Stæger, 1840)** [*Allodiopsis*] – B1, B2, O62; 170-1700 m; 1, 2, 3, 4; h; Bechev 1991a, 1997, 2000, 2002a, 2010; Pavlova 2020.

***Pseudexechia trisignata* (Edwards, 1913)** – B1; 1700 m; 4; dp; Bechev 1989a, 1997, 2000, 2002a, 2010.

***Pseudobrachypeza helvetica* (Walker, 1856)** – B1, B2; 600-1200 m; 2, 3; ei; Bechev 1994, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Pseudorymosia fovea* (Dziedzicki, 1910)** – B1, B2; 700-1200 m; 2, 3; wes; Bechev 1990a, 1997, 2000, 2002a, 2010.

***Rymosia affinis* Winnertz, 1863** [*R. gracilipes* Dziedzicki, 1910] – P1, B1, B2, RE; 150-1250 m; 1, 2, 3; wp; subtroglophile; Burghele-Balacesco 1966; Beron & Gueoruiev 1967; Bechev 1985a, 1997, 2000, 2002a, 2004a, 2010; Beron 2015; Bechev & Pavlova 2016.

***Rymosia fasciata* (Meigen, 1804)** [*R. festiva* Winnertz, 1863] – P1, B1, B2, T31, RE; 100-1000 m; 1, 2; e, ? pn; Bechev 1989a, 1997, 2000, 2002a, 2004a, 2010; Bechev & Pavlova 2016.

***Rymosia placida* Winnertz, 1863** – B2; 700-1000 m; 2; des; Bechev 1990a, 1997, 2000, 2002a, 2010.

***Rymosia setiger* Dziedzicki, 1910** – B1; 650 m; 2; e; Bechev 1990a, 1997, 2000, 2002a, 2010.

***Rymosia spinipes* Winnertz, 1863** – P1, B1, RE; 150-800 m; 1, 2, 3; wp; Bechev 1990a, 1997, 2000, 2002a, 2004a, 2010; Bechev & Pavlova 2016.

***Rymosia virens* Dziedzicki, 1910** – B1, B2, O62, R2; 203-1700 m; 2, 3, 4; e; Bechev 1990a, 1997, 2000, 2002a, 2010; Pavlova 2020b.

***Stigmatomeria crassicornis* (Stannius, 1931)** – O62, R2, RW; 146-510 m; 1; h; Pavlova 2020a, 2020b.

***Synplasta exclusa* (Dziedzicki, 1910)** – B1; 600-650 m; 2; cee; Bechev & Pavlova, 2016.

***Synplasta gracilis* (Winnertz, 1863)** [*Allodiopsis excogitata* (Dziedzicki, 1910), *S. exogitata* (Dziedzicki, 1910)] – B1, B2, O62; 170-1250 m; 1, 2, 3; e, ? des; Bechev 1991a, 1997, 2000, 2002a, 2003, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Synplasta sintenisi* (Lackschewitz, 1937)** [*Allodiopsis*] – B1; 600-650 m; 2; e; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Tarnania dziedzickii* (Edwards, 1941)** [*Rhymosia*] – P1, T31, RE; 180-300 m; 1; ena; subtroglophile; Burghele-Balacesco 1966; Beron & Gueoruiev 1967; Bechev 1985a, 1997, 2000, 2002a, 2004a, 2010; Beron 2015, 2016.

***Tarnania fenestralis* (Meigen, 1838)** [*Rhymosia*] – P1, B1, B3, T31, O62, RW, RE; 100-1250 m; 1, 2, 3, 4; e, ? pn; subtroglophile; Burghele-Balacesco 1966; Beron & Gueoruiev 1967; Bechev 1985a, 1997, 2000, 2002a, 2004a, 2006b, 2010; Beron 2015, 2016; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Tarnania nemoralis* (Edwards, 1941)** – B1, O62; 146-1200 m; 1, 2, 3; e; Bechev 1991a, 1997, 2000, 2002a, 2010; Pavlova & Stojanova 2020; Pavlova 2020a, 2020b.

***Dynatosoma fuscicorne* (Meigen, 1818)** – P1, B1, O62, RE; 170-1700 m; 1, 2, 3, 4; h; Bechev 1991a, 1997, 2000, 2002a, 2004a, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Dynatosoma majus* Landrock, 1912** – B1, B2, R3, RW, RE; 350-1300 m; 1, 2, 3; hoes; Bechev 1986b, 1997, 2000, 2002a, 2004a, 2006b, 2010; Bechev & Pavlova 2016.

***Dynatosoma nigromaculatum* Lundstrom, 1913** – BN; 10 m; 1; tes; Bechev 1994, 1997, 2002a, 2010.

***Epicypta torquata* Matile, 1977** – B1, O62, RW; 170-500 m; 1; csei; Bechev 1994, 1997, 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Mycetophila abiecta* (Laštovka, 1963)** – B1; 600-800 m; 2, 3; e; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Mycetophila adumbrata* Mik, 1884** – B2; 1000 m; 3; e; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Mycetophila alea* Laffoon, 1965** – P1, B1, B2, RW, RE, BN; 10-1500 m; 1, 2, 3; h; Bechev 1989b, 1991a, 1997, 1999a, 2000, 2002a, 2004a, 2006b, 2010; Bechev & Pavlova 2016.

***Mycetophila bialorussica* Dziedzicki, 1884** – B1; 800 m; 2, 3; dp, ? tp; Bechev 1991a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Mycetophila blanda* Winnertz, 1863** – B1, R2, RW, RE; 150-2000 m; 1, 2, 3, 4; esca; Bechev 1989b, 1991a, 1997, 1999a, 2000, 2002a, 2004a, 2006b, 2010; Bechev & Pavlova 2016.

***Mycetophila britannica* Lastovka & Kidd, 1975** – O62; 203-400 m; 1; ? e, ? ena; Pavlova 2020b.

***Mycetophila caudata* Stæger, 1840** – RW, RE; 650-1100 m; 1, 2, 3; h; Bechev 2001, 2002a, 2006b, 2010.

***Mycetophila confluens* Dziedzicki, 1884** – P1, B1, B2, R2, RW; 550-2000 m; 1, 2, 3, 4; po; Bechev 2000, 2002a, 2006b, 2010; Bechev & Pavlova 2016.

***Mycetophila czizekii* Landrock, 1911** – P1, B1, R2, RE; 300-2000 m; 1, 2, 3, 4; e; Bechev 1991a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Mycetophila devioides* Bechev, 1988** – B1 ; 775 m; 2, 3; e; Bechev 1988a, 1997, 2000, 2002a, 2010.

***Mycetophila distigma* Meigen, 1830** – B1; 350-775 m; 1, 2; e; Bechev 1991a, 1997, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Mycetophila edwardsi* Lundstrom, 1913** – B1, B2, O62, R2; 170-1700 m; 1, 2, 3, 4; e; Bechev 1994, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Mycetophila evanida* Lastovka, 1972** – O62, R2; 146-510 m; 1; ? wces; Pavlova 2020b.

***Mycetophila formosa* Lundstrom, 1911** – B2; 1000 m; 3; wesit; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Mycetophila fraterna* Winnertz, 1863** – B1; 775-1250 m; 2, 3; e; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Mycetophila fungorum* (De Geer, 1776)** [*M. punctata* (Meigen, 18004)] – P1, B1, B2, O62, R2, RW, RE; 150-1700 m; 1, 2, 3, 4; hno, ? ho; Nedelkov 1912; Bechev 1985a, 1989b, 1997, 1999a, 2000, 2002a, 2004a, 2006b, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Mycetophila gibbula* Edwards, 1925** – B2; 1000 m; 3; dp; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Mycetophila hyrcania* Laštovka & Matile, 1964** – B1, BN; 10-700 m; 1, 2; ei; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Mycetophila lamellata* Lundstrom, 1911** – B1; 775 m; 2; e; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Mycetophila lastovkai* Caspers, 1984** – B1, B2; 800-1000 m; 2, 3; e; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Mycetophila luctuosa* Meigen, 1830** – B1, RW, RE; 150-1600 m; 1, 2, 3, 4; ho, ? h; Bechev 1989b, 1991a, 1997, 1999a, 2000, 2002a, 2004a, 2006b, 2010; Bechev & Pavlova 2016.

***Mycetophila lunata* Meigen, 1804** – BN; 10 m; 1; tes; Bechev 1994, 1997, 2002a, 2010.

***Mycetophila marginata* Winnertz, 1863** – B1, B2, O62, R2, R3, RW, RE; 170-2000 m; 1, 2, 3, 4; e; Bechev 1985a, 1997, 2000, 2002a, 2004a, 2006b, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Mycetophila mitis* (Johannsen, 1912)** – DW; 60 m; 1; h; Bechev 1997, 2000, 2002a, 2010.

***Mycetophila morosa* Winnertz, 1863** – B1; 775-1250 m; 2, 3; h; Bechev 1994, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Mycetophila occultans* Lundström, 1913** – B1; 775 m; 2 ; e; Bechev 1994, 1997, 2000, 2002a, 2010.

***Mycetophila ocellus* Walker, 1848** – B1, B2, O62, R2, RW, RE; 170-2000 m; 1, 2, 3, 4; ho, ? h ; Bechev 1991a, 1997, 2000, 2002a, 2004a, 2006b, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Mycetophila ornata* Stephens, 1846** – B1, B2, R3, RW, RE; 350-1400 m; 1, 2, 3, 4; des; Burghele-Balacesco 1966; Beron & Gueoruiev 1967; Bechev 1985a, 1997, 2000, 2002a, 2004a, 2006b, 2010; Beron 2015, 2016; Bechev & Pavlova 2016.

***Mycetophila pumila* Winnertz, 1863** – P1, B1, B2; 350-1000 m; 1, 2, 3; dp; Bechev 1994, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Mycetophila scotica* Edwards, 1941** – B1; 700 m; 2; h; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Mycetophila sigillata* Dziedzicki, 1884** – B2, RW; 1000-1500 m; 3; h; Bechev 1991a, 1997, 2000, 2002a, 2006b, 2010.

***Mycetophila signata* Meigen, 1830** [*Fungivora*] – P1, B1, B2, V1, O62, RW; 170-1100 m; 1, 2, 3; des; Nedelkov 2012; Bechev 1985a, 1997, 2000, 2002a, 2006b, 2010; Pavlova 2020b.

***Mycetophila signatoides* Dziedzicki, 1884** – B1; 550-775 m; 2; h; Bechev 1991a, 1997, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Mycetophila spectabilis* Winnertz, 1863** – P1, B1, B2, R3, RW, RE; 300-1500 m; 1, 2, 3, 4; e; Bechev 1991a, 1997, 2000, 2002a, 2004a, 2006b, 2010; Bechev & Pavlova, 2016.

***Mycetophila stolida* Walker, 1856** – B1; 800 m; 2, 3; h; Bechev 1991a, 1997, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Mycetophila stylata* (Dziedzicki, 1884)** – B1, R2; 650-2000 m; 2, 3, 4; tes; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Mycetophila tridentata* Lundstrom, 1911** – B2; 1000 m; 2, 3; e; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Mycetophila trinotata* Stæger, 1840** – B1; 350-1250 m; 1, 2, 3; h; Bechev 1994, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Mycetophila unguiculata* Lundstrom, 1913** – B1; 600-775 m; 2; wes; Bechev 1994, 1997, 2000, 2002a, 2010.

***Mycetophila vittipes* Zetterstedt, 1852** – B2; 1000 m; 3; hoes; Bechev 1991a, 1997, 2000, 2002a, 2010.

***Mycetophila v-nigrum* Lundstrom, 1913** – B1, B2; 775-1000 m; 2, 3; e; Bechev 1994, 1997, 2000, 2002a, 2010.

***Phronia basalis* Winnertz, 1863** – T31, O62, R2; 100-510 m; 1; ena; Bechev 1999b, 2002a, 2010; Pavlova & Stojanova 2020; Pavlova 2020b.

***Phronia biarcuata* (Becker, 1908)** [*Ph. nitidiventris* van der Wulp, 1859] – B1, B2, O62, R2; 146-1200 m; 1, 2, 3; dp, ? tp; Bechev 1999b, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020a, 2020b.

***Phronia cinerascens* Winnertz, 1863** – B1, T31; 150-1200 m; 1, 2, 3; h; Bechev 1986a, 1997, 1999b, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Phronia conformis* (Walker, 1856)** – B1, T31; 100-700 m; 1, 2; h; Bechev 1999b, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Phronia egregia* Dziedzicki, 1889** – B1, B2; 400-900 m; 1, 2, 3; h; Bechev 1999b, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Phronia forcipata* Winnertz, 1863** – B1, B2; 700-900 m; 2, 3; wces; Bechev 1999b, 2000, 2002a, 2010.

***Phronia mutabilis* Dziedzicki, 1889** – B1; 800 m; 2, 3; h; Bechev 1999b, 2000, 2002a, 2010.

***Phronia nitidiventris* (van der Wulp, 1859)** [*Ph. vitiosa* Winnertz, 1863] – B1, B2; 550-900 m; 2, 3; hoes; Bechev 1999b, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Phronia notata* Dziedzicki, 1889** – B1, T31; 150-900 m; 1, 2; wes; Bechev 1999b, 2000, 2002a, 2010.

***Phronia obtusa* Winnertz, 1863** – B1; 350-800 m; 1, 2, 3; h; Bechev 1999b, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Phronia signata* Winnertz, 1863** [*Ph. austriaca* Winnertz, 1863] – B1; 550-800 m; 2, 3; hoes; Bechev 1999b, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Phronia strenua* Winnertz, 1863** [*Ph. flavicollis* Winnertz, 1863] – B1; 550 m; 2; h; Bechev 1999b, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Phronia tenuis* Winnertz, 1863** – B1, B2; 300-1000 m; 1, 2, 3; ho; Bechev 1999b, 2000, 2002a, 2010.

***Platurocypta punctum* (Stannius, 1831)** – DW, B1, B2, RW; 60-1500 m; 1, 2, 3, 4; h; Bechev 1994, 1997, 2000, 2002a, 2006b, 2010.

***Sceptonia cryptocauda* Chandler, 1991** – P1, B1, O62; 170-850 m; 1, 2, 3; e; Bechev 1994, 1995, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Sceptonia flavipuncta* Edwards, 1925** – P1, B1, B2, K7, T31, O62, BS; 10-1000 m; 1, 2, 3; e; Bechev 1994, 1995, 1997, 2000, 2002a, 2010; Pavlova & Stojanova 2020; Pavlova 2020b.

***Sceptonia humerella* Edwards, 1925** – P1, B1; 300-900 m; 1, 2, 3; e; Bechev 1994, 1995, 1997, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Sceptonia membranacea* Edwards, 1925** – P1, B1, T31, O62, R1, RW, BN; 10-1500 m; 1, 2, 3, 4; e; Bechev 1994, 1995, 1997, 2000, 2002a, 2006b, 2010; Bechev & Pavlova, 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Sceptonia nigra* (Meigen, 1804)** – B1; 350-1250 m; 1, 2, 3; h; Bechev 1994, 1995, 1997, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Sceptonia pilosa* Bukowski, 1934** – B1, R1; 350-1200 m; 1, 2, 3; e; Bechev 1994, 1995, 1997, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Sceptonia pughi* Chandler, 1991** – B1; 700 m; 2; e; Bechev 1994, 1995, 1997, 2000, 2002a, 2010.

***Sceptonia tenuis* Edwards, 1925** – P1, B1; 250-1250 m; 1, 2, 3; e; Bechev 1994, 1995, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Trichonta apicalis* Strobl, 1898** – P1, R2; 280-510 m; 1; e; Bechev 1990a, 1997, 2000, 2002a, 2010; Pavlova 2020b.

***Trichonta beata* Gagne, 1981** – B1; 600 m; 1, 2; h; Bechev 1996a, 1997, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Trichonta clavigera* Lundström, 1913** – O62, RW; 146-1185 m; 1, 2, 3; dp; Bechev 1991a, 1997, 2002a, 2006b, 2010; Pavlova 2020a, 2020b.

***Trichonta conjungens* Lundström, 1909** – B1; 1700 m; 4; e; Bechev 1990a, 1997, 2000, 2002a, 2010.

***Trichonta falcata* Lundström, 1911** – B1, B2; 350-1250 m; 1, 2, 3; h; Bechev 1990a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016.

***Trichonta fragilis* Gagne, 1981** – B1; 350-650 m; 1, 2; h; Bechev 1990a, 1997, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Trichonta fusca* Landrock, 1918** – B1; 775 m; 2, 3; e; Bechev 1990a, 1997, 2000, 2002a, 2010.

***Trichonta girschneri* Landrock, 1912** – P1, B1; 550-775 m; 2; h; Bechev 1990a, 1997, 2000, 2002a, 2010.

***Trichonta melanura* (Stæger, 1840)** – B1, T31; 100-800 m; 1, 2, 3; h; Bechev 1990a, 1997, 2000, 2002a, 2010.

***Trichonta subfusca* Lundström, 1909** – B1, RW; 775-1500 m; 2, 3, 4; h; Bechev 1990a, 1997, 2000, 2002a, 2006b, 2010.

***Trichonta submaculata* (Stæger, 1840)** – B1; 400-800 m; 2, 3; hoes; Bechev 1990a, 1997, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Trichonta terminalis* (Walker, 1856)** – P1, B1, B2, RW; 350-1450 m; 1, 2, 3, 4; h; Bechev 1990a, 1997, 2000, 2002a, 2006b, 2010; Bechev & Pavlova, 2016.

***Trichonta venosa* (Stæger, 1840)** – B2, O62, R2; 170-1000 m; 1, 2, 3; h; Bechev 1990a, 1997, 2000, 2002a, 2010; Pavlova & Stojanova 2020; Pavlova 2020b.

***Trichonta vitta* (Meigen, 1830)** – P1, B1, B2, T31, O62, R2; 100-1000 m; 1, 2, 3; h; Bechev 1990a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova & Stojanova 2020; Pavlova 2020b.

***Trichonta vulgaris* Loew, 1869** – B1, B2, R2; 440-1250 m; 1, 2, 3; h; Bechev 1990a, 1997, 2000, 2002a, 2010; Bechev & Pavlova 2016; Pavlova 2020b.

***Zygomyia humeralis* (Wiedemann, 1817)** – B1; 1250 m; 3; e (? i New Zealand); Bechev 1996a, 1997, 2000, 2002a, 2010; Bechev & Pavlova, 2016.

***Zygomyia pseudohumeralis* Caspers, 1980** – P1, O62, R2, RW; 170-510 m; 1; e; Bechev 1996a, 1997, 2000, 2002a, 2006b, 2010; Pavlova 2020b.

***Zygomyia semifusca* (Meigen, 1818)** – P1, B2, R2, RW; 440-1500 m; 1, 2, 3, 4; e; Bechev 1996a, 1997, 2000, 2002a, 2006b, 2010; Pavlova 2020b.

***Zygomyia valida* Winnertz, 1863** – RW; 1350 m; 3; wes; Bechev 1994, 1997, 2002a, 2006b, 2010.

Ditomyiidae

***Ditomyia fasciata* (Meigen, 1818)** – P1, B1, RW, RE; 200-1250 m; 1, 2, 3; csei, ? ei; Bechev 1985a, 1989b, 1997, 1999a, 2000, 2002a, 2004b, 2006b, 2006c; Bechev & Pavlova 2016.

***Ditomyia macroptera* (Winnertz, 1852)** – O61; 350-400 m; 1; des; Kurina & Chandler 2018.

***Symmerus annulatus* (Meigen, 1830)** – P1, B2, T31, BN; 10-900 m; 1, 2, 3; wes; Bechev 1986b, 1997, 2000, 2002a, 2004b, 2006c.

Bolitophilidae

***Bolitophila* (*Bolitophila*) *basicornis* (Mayer, 1951)** – B1, B2; 770-1000 m; 2, 3; des, ? tes; Bechev 1989a, 1997, 2000, 2002a, 2006c; Bechev & Chandler 2011.

***Bolitophila* (*Bolitophila*) *cinerea* Meigen, 1818** – P1, B1, B2, R1, R2, R3, RW, RE; 300-1500 m; 1, 2, 3, 4; h; Bechev 1986a, 1997, 2000, 2002a, 2004a, 2004b, 2006b, 2006c; Bechev & Chandler 2011; Bechev & Pavlova 2016.

***Bolitophila* (*Bolitophila*) *saundersii* (Curtis, 1836)** [*Messala*] – B1, B2, B3, R1, R2, RW; 400-1800 m; 1, 2, 3, 4; tp; subtroglophile; Burghele-Balacesco 1966; Beron & Gueoruiev 1967; Bechev 1985a, 1997, 2000, 2002a, 2004b, 2006b, 2006c; Plassmann 1988; Bechev & Chandler 2011; Beron 2015; Bechev & Pavlova 2016.

***Bolitophila* (*Bolitophila*) *tenella* Winnertz, 1863** – R1, RW; 1500-1700 m; 4; des; Bechev 2001, 2002a, 2006b, 2006c; Bechev & Chandler 2011.

***Bolitophila* (*Cliopisa*) *fumida* Edwards, 1941** [*B. glabrata* Loew, 1869] – B1; 350-1300 m; 1, 2, 3; tes; Bechev 1989a, 1997, 2000, 2001, 2006c; Bechev & Chandler 2011; Bechev & Pavlova 2016.

***Bolitophila* (*Cliopisa*) *hybrida* (Meigen, 1804)** [*B. fusca* Meigen, 1818; *Macrocera*] – B2, R1; 900 m; 2, 3; h; Nedelkov 1012; Bechev 1985a, 1997, 2000, 2002a, 2004b, 2006c; Bechev & Chandler 2011.

***Bolitophila* (*Cliopisa*) *maculipennis* Walker, 1836** – B2; 700-1000 m; 2,3; tp; Bechev 1989a, 1997, 2000, 2002a, 2006c; Bechev & Chandler 2011.

***Bolitophila* (*Cliopisa*) *occlusa* Edwards, 1913** – R2; 1740 m; 4; des; Bechev 1991a, 1997, 2002a, 2006c; Bechev & Chandler 2011.

***Bolitophila* (*Cliopisa*) *pseudohybrida* Landrock, 1912** – P1, B1, R2, RW, RE, BS; 20-1450 m; 1, 2, 3; tes; Bechev 1989a, 2000, 1997, 2002a, 2004a, 2004b, 2006b, 2006c; Bechev & Chandler 2011; Bechev & Pavlova 2016.

***Bolitophila* (*Cliopisa*) *rossica* Landrock, 1912** – R2; 2000 m; 4; tes; Bechev 2001, 2002a, 2006c; Bechev & Chandler 2011.

Diadocidiidae

***Diadocidia* (*Adidocidia*) *valida* Mik, 1874** – B1, RW; 770-1600 m; 2,3,4; wes; Bechev 1986a, 1997, 2000, 2006b, 2006c; Bechev & Chandler 2011.

***Diadocidia* (*Diadocidia*) *ferruginosa* (Meigen, 1830)** – B1, B2, O5, RW, RE, BN; 5-1350 m; 1, 2, 3; h; Bechev 1986a, 1997, 2000, 2002a, 2004a, 2004b, 2006b, 2006c; Bechev & Chandler 2011; Bechev & Pavlova 2016.

***Diadocidia* (*Diadocidia*) *spinosula* Tollet, 1948** – B2, R1, R2, RW; 900-1740 m; 3, 4; des; Bechev 1989a, 1997, 2000, 2002a, 2004b, 2006b, 2006c; Bechev & Chandler 2011.

Keroplatidae (+ Macroceridae)

***Cerotelion racovitzai* Matile & Burghele-Balacesco, 1969** – B1, BS; 50-1250 m; 1, 2, 3; cseei; Bechev 1986b, 1997, 2000, 2002a, 2004b, 2006c; Bechev & Pavlova 2016.

***Cerotelion striatum* (Gmelin, 1790)** [*Ceroplatus lineatus* Fabricius, 1775] – B1, B2, V1, R3; 350-800 m; 1, 2; ei; Nedelkov 1012; Bechev 1985a, 1997, 2000, 2002a, 2004b, 2006c; Bechev & Pavlova 2016.

***Keroplatus reaumurii* Dufour, 1839** – B1, BN; 20-400 m; 1; csena; Bechev 2000, 2001, 2002a, 2004b, 2006c; Bechev & Pavlova 2016.

***Keroplatus testaceus* Dalman, 1818** – B1; 350-775 m; 1, 2; dp; Bechev 1986b, 1997, 2000, 2002a, 2006c; Bechev & Pavlova 2016.

***Keroplatus tipuloides* Bosc, 1792** – O5; 700 m; 2; dp, ? tp; Bechev 1999a, 2002a, 2004b, 2006c.

***Antlemon* (*Antlemonopsis*) *brevimanum* (Loew, 1871)** – B2, R1, RW; 1300-1900 m; 3, 4; csee; Bechev 1991a, 1997, 2000, 2002a, 2004b, 2006b, 2006c.

***Isoneuromyia semirufa* (Meigen, 1818)** [*Orfelia*] – P1, B1, O5, BN; 100-770 m; 1, 2; des; Bechev 1985a, 1997, 2000, 2002a, 2004b, 2006c; Bechev & Pavlova 2016.

***Macrorrhyncha collarti* (Tollet, 1955)** [*Asindulum exemplum* Plassmann, 1978] – B2, RW; 800-1500 m; 2, 3, 4; e; Plassmann 1978; Bechev 1985a, 1992a, 1997, 2000, 2002a, 2006b, 2006c.

***Macrorrhyncha flava* Winnertz, 1846** – B1, O62, BN, BS; 10-700 m; 1, 2; e; Bechev 1985a, 1997, 2000, 2002a, 2004b, 2006c; Pavlova 2020b.

***Macrorrhyncha veleka* Bechev, 1992** – BS; 20 m; 1; Er; Bechev 1992b, 1997, 2002a, 2006c.

***Monocentrota matilei* Bechev, 1989** – B1, O62; 170-700 m; 1, 2; seena; Bechev 1989c, 1997, 2000, 2002a, 2006c; Bechev & Pavlova 2016; Pavlova 2020b.

***Neoplatyura modesta* (Winnertz, 1863)** – R2, BN; 5-510 m; 1; e; Bechev 2001, 2002a, 2006c; Pavlova 2020b.

***Neoplatyura nigricauda* (Strobl, 1893)** – P1, B1, T31, RE; 200-350 m; 1; e; Bechev 1986b, 1997, 2000, 2002a, 2004b, 2006c; Bechev & Pavlova 2016.

***Orfelia bezzii* (Strobl, 1910)** – P2, B1, B2, O5; 350-850 m; 1, 2; e; Janeva & Russev 1997; Bechev 2006a, 2006c; Bechev & Pavlova 2016.

***Orfelia bicolor* (Macquart, 1826)** – BN; 10 m; 1; e; Bechev 2006a, 2006c.

***Orfelia discoloria* (Meigen, 1818)** – B1, T31; 200-770 m; 1, 2; h; Bechev 1985a, 2001, 2002a, 2006c.

***Orfelia fasciata* (Meigen, 1804)** – B1, O62, RW; 300-1500 m; 1, 2, 3, 4; ho; Bechev 1986b, 1997, 2000, 2002a, 2004b, 2006b, 2006c.

***Orfelia gruevi* Bechev, 2002** – BN; 10-20 m; 1; csee; Bechev 2002b, 2006c.

***Orfelia lugubris* (Zetterstedt, 1851)** [*O. tristis* (Lundström, 1911)] – B1, R2, RW; 350-1350 m; 1, 2, 3; e; Bechev 1990a, 1997, 2000, 2002a, 2004b, 2006b, 2006c; Bechev & Pavlova 2016.

***Orfelia nemoralis* (Meigen, 1818)** – DW, E1, E2, TL, O62, RW, BN, BS; 10-1400 m; 1, 2, 3, 4; h, ? e; Bechev 1986b, 2000, 2002a, 2004b, 2006b, 2006c.

***Orfelia nigricornis* (Fabricius, 1805)** – B1; 350 m; 1; h, ? esca; Bechev 1990a, 1997, 2000, 2002a, 2004b, 2006c; Bechev & Pavlova 2016.

***Orfelia ochracea* (Meigen, 1818)** – B1; 350 m; 1; po, ? des; Bechev & Pavlova 2016.

***Orfelia unicolor* (Staeger, 1840)** [*O. discoloria* (Meigen, 1818), *Platyura*] – P1, B1, V1, TL, O5, R1, RW, BS; 10-1700 m; 1, 2, 3, 4; des, ? hoes; Nedelkov 1912; Bechev 1985a, 1997, 2000, 2002a, 2004b, 2006b, 2006c.

***Platyura marginata* Meigen, 1804** – B1, R1, R3, RW; 600-1820 m; 2, 3, 4; des; Bechev 1991a, 1997, 2000, 2002a, 2004b, 2006b, 2006c.

***Pyratula oracula* Chandler, 1994** – RE; 450 m; 1; cseel; Bechev 2004a, 2006c.

***Pyratula perpusilla* (Edwards, 1913)** [*Orfelia*] – B1; 370-750 m; 1, 2; wces; Bechev 1985a, 1996a, 1997, 2000, 2002a, 2006c; Bechev & Pavlova 2016.

***Pyratula subcanariae* Chandler, 2001** – E1; 200 m; 1; csee; Bechev 2006a, 2006c.

***Pyratula zonata* (Zetterstedt, 1855)** [*Orfelia*] – B1, K7, O5, O62, R2, R3, RW, RE; 146-1400 m; 1, 2, 3; e; Bechev 1989a, 1997, 2000, 2002a, 2004a, 2004b, 2006b, 2006c; Bechev & Pavlova 2016; Pavlova 2020a, 2020b.

***Urytalpa ochraceae* (Meigen, 1918)** – RW; 1620 m; 4; e; Bechev 2001, 2006b, 2006c.

***Urytalpa rhapsodica* Chandler, 1995** – RW; 2000 m; 4; csee; Bechev 2001, 2002a, 2006b, 2006c.

***Macrocera anglica* Edwards, 1925** – B1, B2, RW; 350-1000 m; 1, 2, 3; e; Bechev 1986b, 1997, 2000, 2002a, 2004b, 2006b, 2006c; Bechev & Pavlova 2016.

***Macrocera angulata* Meigen, 1818** – B1; 350 m; 1; e; Bechev 1986b, 1997, 2000, 2002a, 2006c; Bechev & Pavlova 2016.

***Macrocera centralis* Meigen, 1818** – B1, B2, R1, R2, RW, RE, BN; 150-1820 m; 1, 2, 3, 4; wes; Bechev 1985a, 1997, 2000, 2002a, 2004a, 2004b, 2006b, 2006c; Bechev & Pavlova 2016.

***Macrocera crassicornis* Schiner, 1863** – B1; 350 m; 1; wp; Bechev 2000, 2002a, 2006b, 2006c; Bechev & Pavlova 2016.

***Macrocera fasciata* Meigen, 1804** – P1, B1, T31, O5, O62, R3, RW, RE; 180-1700 m; 1, 2, 3, 4; dp; Bechev 1989a, 1997, 2000, 2002a, 2004a, 2004b, 2006b, 2006c; Bechev & Pavlova 2016.

***Macrocera fastuosa* Loew, 1869** – B1, RW; 700-1100 m; 2, 3; des; Bechev 1986b, 1997, 2000, 2002a, 2006b, 2006c.

***Macrocera gemagea* Bechev, 1991** – P1, BN; 20-550 m; 1; see; Bechev 1991b, 1997, 2000, 2002a, 2006a, 2006c.

***Macrocera grandis* Lundström, 1912** – R1; 1150 m; 3; wes; Bechev 2006a, 2006c.

***Macrocera inversa* Loew, 1869** – E1, B1, O5, R1, RW, RE; 150-1740 m; 1, 2, 3, 4; wces; Bechev 1986b, 1997, 2000, 2002a, 2004a, 2004b, 2006b, 2006c.

***Macrocera kerteszi* Lundström, 1911** – B1, O5, RW; 350-720 m; 1, 2; see; Bechev 1986b, 1997, 2000, 2002a, 2006b, 2006c.

***Macrocera lutea* Meigen, 1804** – P1, B1, T31, O5, RW, RE, BN, BS; 10-1500 m; 1, 2, 3; des; Bechev 1986b, 1997, 2000, 2002a, 2004a, 2004b, 2006b, 2006c.

***Macrocera nigricoxa* Schiner, 1863** [*M. tusca* Loew, 1869] – B1, RW; 350-900 m; 1, 2, 3; wcp; Bechev 1989a, 1992a, 1997, 2000, 2002a, 2006b, 2006c; Bechev & Pavlova 2016.

***Macrocera parva* Lundström, 1914** – B1, B2, R2; 600-1740 m; 2, 3, 4; wces; Bechev 1996a, 1997, 2000, 2002a, 2004b, 2006c; Bechev & Pavlova 2016.

***Macrocera phalerata* Wiedemann *in* Meigen, 1818** – E1, E2, P1, P2, B1, T31, O5, R2, R3, RW, RE, BN, BS; 5-1450 m; 1, 2, 3, 4; wcp; Bechev 1986b, 1997, 2000, 2002a, 2004a, 2004b, 2006b, 2006c; Bechev & Pavlova 2016; Pavlova 2020b.

***Macrocera pilosa* Landrock, 1917b** – B1; 800 m; 2, 3; wcp, ? h; Bechev 1991a, 1997, 2000, 2002a, 2006c; Bechev & Pavlova 2016.

***Macrocera stigma* Curtis, 1831** – B1, O62, R2, R3, RW; 170-1700 m; 1, 2, 3, 4; wces; Bechev 1986b, 1997, 2000, 2002a, 2004b, 2006b, 2006c; Bechev & Pavlova 2016; Pavlova 2020b.

***Macrocera stigmoides* Edwards, 1925** – P1, R1, R2, RW, RE, BS; 5-2000 m; 1, 2, 3, 4; e; Bechev 1996a, 1997, 2000, 2002a, 2004b, 2004a, 2006b, 2006c.

***Macrocera vittata* Meigen, 1830** – P1, B1, O5, R3, RW; 550-1700 m; 1, 2, 3, 4; dp; Bechev 1985a, 1997, 2000, 2002a, 2004b, 2006b, 2006c; Bechev & Pavlova 2016.

Sciaridae

***Bradysia albanensis* (Lengersdorf, 1926)** – V1; 550-650 m; 1, 2; e; Mohrig et al. 1992.

***Bradysia alpicola* (Winnertz, 1867)** [*B. forcipata* (Fabricius, 1775); *B. morio* (Fabricius, 1794); *Sciara*] – V1, BN; 20-650 m; 1, 2; e, ? po; Loew 1862; Nedelkov 1912.

***Bradysia alutacea* Dimitrova & Mohrig, 1993** – BN; 10-20 m; 1; se; Dimitrova & Mohrig 1993.

***Bradysia angustipennis* Winnertz, 1867** [*B. campestris* Mohrig & Mamaev 1970] – V4; 1550 m; 3; wes; Dimitrova & Mohrig 1993.

***Bradysia bicolor* (Meigen, 1818)** – V4; 1550 m; 3; wes; Dimitrova & Mohrig 1993.

***Bradysia breviallata* Mohrig & Menzel, 1992** – V3, R2; 800-950 m; 2; e; Dimitrova & Mohrig 1993.

***Bradysia brevispina* Tuomikoski, 1960** – V4, BN; 200-1000 m; 1, 2, 3; wes; Dimitrova & Mohrig 1993.

***Bradysia conspersa* Mohrig & Dimitrova, 1993** – BN; 5-20 m; 1; Eb; Dimitrova & Mohrig 1993.
***Bradysia fenestralis* (Zetterstedt, 1838)** [*Sciara*, *Neosciara*] – ▪; ●; ♠; 1, 2; ? e; Choleva 1964; Grigorov 1972.
***Bradysia hirsutiseta* Mohrig & Krivosheina, 1989** – V1; 550-650 m; 1, 2; sesfe; Morhing et al. 1992.
***Bradysia lobulifera* Frey, 1948** – V4, BN; 20-1550 m; 1, 2, 3; wes; Dimitrova & Mohrig 1993.
***B. nitidicollis* (Meigen, 1818)** [*Sciara*] – V1; 550-650 m; 2; e, ? h; Nedelkov 1912.
***Bradysia ocellaris* (Comstock, 1882)** [*B. tritici* (Coquillett, 1895)] – V4, BN; 200-1000 m; 1, 2, 3; sk; Dimitrova & Mohrig 1993.
***Bradysia pallidiventris* (Winnertz, 1867)** – BN; 20 m; 1; e; Dimitrova & Mohrig 1993.
***Bradysia pectoralis* (Staeger, 1840)** [*B. castanea* Mohrig & Menzel, 1990] – V4; 650 m; 1, 2; e; Dimitrova & Mohrig 1993.
***Bradysia placida* (Winnertz, 1867)** [*B. fimbricauda* Tuomikoski, 1960] – V3, V4, BN; 20-950 m; 1, 2; et; Dimitrova & Mohrig 1993.
***Bradysia polonica* (Lengersdorf, 1929)** – V1; 550-650 m; 1, 2; e; Mohrig et al. 1992.
***Bradysia praecox* (Meigen, 1818)** [*Sciara*] – V1; 550-650 m; 1, 2; e, ? h; Nedelkov 1912; Mohrig et al. 1992.
***Bradysia regularis* (Lengersdorf, 1934)** – V4; 1100 m; 3; wes; Dimitrova & Mohrig 1993.
***Bradysia rufescens* (Zetterstedt, 1852)** – V1, V5; 550-1200 m; 2, 3; e, ? poa; Mohrig et al. 1992; Dimitrova & Mohrig 1993.
***Bradysia santorina* Mohrig & Menzel, 1992** – BN; 20 m; 1; Eb; Dimitrova & Mohrig 1993.
***Bradysia scabricornis* Tuomikoski, 1960** – BN; 20 m; 1; des; Dimitrova & Mohrig 1993.
***Bradysia splendida* Mohrig & Krivosheina, 1989** – V1, BN; 20-650 m; 1, 2; et; Mohrig et al. 1992; Dimitrova & Mohrig 1993.
***Bradysia submoesta* Mohrig & Krivosheina, 1989** – V4; 1550 m; 3; e; Dimitrova & Mohrig 1993.
***Bradysia tilicola* (Loew, 1850)** [*Sciara amoena* Winnertz, 1871] – V1, V4; 550-1550 m; 2, 3; des, ? pa, ? i; Nedelkov 2012; Dimitrova & Mohrig 1993.
***Bradysia trivittata* (Staeger, 1840)** – V4, BN; 20-1550 m; 1, 2, 3; west; Dimitrova & Mohrig 1993.
***Bradysia vagans* (Winnertz, 1868)** [*B. callicera* Frey, 1948] – V3; 950 m; 2, 3; e; Dimitrova & Mohrig 1993.
***Camptochaeta bournei* (Shaw, 1941)** [*Corynoptera subvivax* Mohrig, 1985] – V4; 1100 m; 3; e; Dimitrova & Mohrig 1993.
***Claustropyga abblanda* (Freeman, 1983)** [*Corynoptera*] – V4; 900-1000 m; 3; h; Dimitrova & Mohrig 1993.
***Corynoptera acerrima* Mohrig & Dimitrova, 1992** – V4; 1000-1200 m; 3; csee; Mohrig & Dimitrova 1992.
***Corynoptera acuminata* Mohrig & Dimitrova, 1992** – BN; 20 m; 1; Ebg; Mohrig & Dimitrova 1992.
***Corynoptera alticola* (Kieffer, 1919)** [*C. praepiniphila* Mohrig & Dimitrova, 1992; *C. postpiniphila* Mohrig & Mamaev, 1992] – V1, V4; 550-1200 m; 2, 3; ena; Mohrig & Dimitrova 1992; Mohrig et al. 1992.
***Corynoptera applanata* Mohrig & Dimitrova, 1992** – V4; 800 m; 2; se; Mohrig & Dimitrova 1992.
***Corynoptera bispinulosa* Mohrig & Dimitrova, 1992** – BN; 20 m; 1; cse, ? e; Mohrig & Dimitrova 1992.
***Corynoptera bistrispina* (Bukowski & Lengersdorf, 1936)** – V4; 800 m; 2; ? e, ? des; Dimitrova & Mohrig 1993.
***Corynoptera blanda* (Winnertz, 1867)** – V4; 1450 m; 3; h; Dimitrova & Mohrig 1993.
***Corynoptera bulgarica* Mohrig & Mamaev, 1992** – V1; 550-650 m; 2; csee; Mohrig et al. 1992.
***Corynoptera deserta* Heller & Menzel, 2006** [*C. minutula* Bukowski & Lengersdorf, 1936] – BN; 20 m; 1; e; Dimitrova & Mohrig 1993.
***Corynoptera dubitata* Tuomikoski, 1960** – BN; 120 m; 1; e; Dimitrova & Mohrig 1993.
***Corynoptera flavicoxa* Mohrig & Mamaev, 1992** – V1; 550-650 m; 2; Ebg; Mohrig et al. 1992.
***Corynoptera forcipata* (Winnertz, 1867)** – V4; 650 m; 1, 2; ena; Dimitrova & Mohrig 1993.
***Corynoptera furcifera* Mohrig & Krivosheina, 1987** – V1, BN; 200-650 m; 1, 2; e; Mohrig et al. 1992; Dimitrova & Mohrig 1993.
***Corynoptera hemiacantha* Mohrig & Mamaev, 1992** – V1; 550-650 m; 1, 2; cse; Mohrig et al. 1992.
***Corynoptera hypopygialis* (Lengersdorf, 1926)** [*C. piniphila* (Lengersdorf, 1940)] – V1, V3; 550-950 m; 2, 3; e; Mohrig et al. 1992; Dimitrova & Mohrig 1993.
***Corynoptera irmgardis* (Lengersdorf, 1930)** – V1, V3, V4; 550-1100 m; 2, 3; wes; Mohrig et al. 1992; Dimitrova & Mohrig 1993.
***Corynoptera luteofusca* (Bukowski & Lengersdorf, 1936)** – V4; 800 m; 2; e; Dimitrova & Mohrig 1993.
***Corynoptera magica* Mohrig & Dimitrova, 1992** – V3, V4; 900-1550 m; 2, 3; Ebg; Mohrig & Dimitrova, 1992.
***Corynoptera melanochaeta* Mohrig & Menzel, 1992** – V1; 550-650 m; 2; h; Mohrig et al. 1992.

***Corynoptera obscuripila* Tuomikoski, 1960** – V4; 1000-1200 m; 3; e; Dimitrova & Mohrig 1993.
***Corynoptera praeparvula* Mohrig & Krivosheina, 1983** – BN; 150 m; 1; et; Dimitrova & Mohrig 1993.
***Corynoptera subparvula* Tuomikoski, 1960** – V1, V4, BN; 20-1550 m; 1, 2, 3; et; Mohrig et al. 1992; Dimitrova & Mohrig 1993.
***Corynoptera subpiniphila* Mohrig & Mamaev, 1992** – V1; 550-650 m; 2; ban; Mohrig et al. 1992.
***Corynoptera subtilis* (Lengersdorf, 1929)** [*C. longicornis* (Bukowski & Lengersdorf, 1936)] – V4; 1100 m; 3; wes; Dimitrova & Mohrig 1993.
***Corynoptera trepida* (Winnertz, 1867)** [*C. clinochaeta* Tuomikoski, 1960] – V4; 1100 m; 3; h; Dimitrova & Mohrig 1993.
***Cratyna* (*Cratyna*) *ambigua* (Lengersdorf, 1934)** [*Plastosciara latiforceps* (Bukowski & Lengersdorf, 1934)] – V4, BN; 200-1100 m; 1, 2, 3; e, ? h, ? i; Dimitrova & Mohrig 1993.
***Cratyna* (*Cratyna*) *betulae* (Mohrig & Mamaev, 1992)** [*Plastosciara*] – V1; 550-650 m; 2; e; Mohrig et al. 1992.
***Cratyna* (*Spathobdella*) *falcifera* (Lengersdorf, 1933)** [*Plastosciara*] – V1; 550-650 m; 2; e; Mohrig et al. 1992.
***Ctenosciara hyalipennis* (Meigen, 1804)** – V1, V4; 550-800 m; 1, 2; hpta, ? i; Mohrig et al. 1992; Dimitrova & Mohrig 1993.
***Ctenosciara lutea* (Meigen, 1804)** – V1; 550-650 m; 2; e; Mohrig et al. 1992.
***Epidapus* (*Pseudoaptanogyna*) *anomalus* Mohrig & Dimitrova, 1993** – BN; 200 m; 1; csee; Mohrig & Dimitrova, 1993.
***Epidapus* (*Epidapus*) *antegracilis* Mohrig & Dimitrova, 1993** – V4; 1450-1550 m; 3; see; Mohrig & Dimitrova, 1993.
***Epidapus* (*Epidapus*) *atomarius* (De Geer, 1778)** – V1; 550-650 m; 2; wpo; Mohrig et al. 1992.
***Epidapus* (*Epidapus*) *bipalpatus* Mohrig, 1982** – V3, V4; 800-1500 m; 2, 3; cse; Dimitrova & Mohrig 1993.
***Epidapus* (*Epidapus*) *detriticola* (Kratochvil, 1936)** – V4; 800-1050 m; 2, 3; e, ? cse; Dimitrova & Mohrig 1993.
***Epidapus* (*Epidapus*) *gracilis* (Walker, 1848)** – V1, V3, V4; 550-1700 m; 2, 3, 4; wes; Mohrig et al. 1992; Dimitrova & Mohrig 1993.
***Epidapus* (*Epidapus*) *macrohalteratus* Mohrig & Menzel, 1992** – V3; 950 m; 2, 3; cse; Dimitrova & Mohrig 1993.
***Epidapus* (*Epidapus*) *microthorax* (Börner, 1903)** [*E. gracilicornis* (Lengersdorf, 1926)] – V1, BN; 20-650 m; 1, 2; e; Mohrig et al. 1992; Dimitrova & Mohrig 1993.
***Epidapus* (*Epidapus*) *schillei* (Börner, 1903)** [*E. titan* Frey, 1948] – V3, V4, BN; 20-1550 m; 1, 2, 3; e; Dimitrova & Mohrig 1993.
***Epidapus* (*Pseudoaptanogyna*) *carpaticus* (Mohrig & Mamaev, 1985)** – V4; 1450-1550 m; 3; csee; Dimitrova & Mohrig 1993.
***Leptosciarella* (*Leptosciarella*) *coarctata* (Winnertz, 1867)** [*Trichosia*] – V4; 1000-1550 m; 3; e; Dimitrova & Mohrig 1993.
***Leptosciarella* (*Leptosciarella*) *scutellata* (Staeger, 1840)** [*Trichosia*] – V4; 1000-1200 m; 3; des; Dimitrova & Mohrig 1993.
***Leptosciarella* (*Leptosciarella*) *viatica* (Winnertz, 1867)** [*Trichosia*] – V4; 850 m; 2; e; Dimitrova & Mohrig 1993.
***Lycoriella* (*Lycoriella*) *castanescens* (Lengersdorf, 1940)** [*L. fulcorum* (Frey, 1948)] – V4, BN; 150-1450 m; 1, 2, 3; ha, ? i; Dimitrova & Mohrig 1993.
***Lycoriella* (*Lycoriella*) *ingenua* (Dufour, 1839)** [*L. mali* (Fitch, 1856); *L. solani* (Winnertz, 1871)] – BN; 50 m; 1; ha; Dimitrova & Mohrig 1993.
***Peyerimhoffia vagabunda* (Winnertz, 1867)** [*Plastosciara brachyptera* (Kieffer, 1903)] – V1; 550-650 m; 2; e; Mohrig et al. 1992.
***Phytosciara* (*Phytosciara*) *halterata* (Lengersdorf, 1926)** [*Lycoria*] – R1; 1150-1200 m; 3; e; Buhr 1941.
***Phytosciara* (*Phytosciara*) *macrotricha* (Lengersdorf, 1926)** [*Psilomegalosphys*] – R1; 1150-1200 m; 3; e; Buhr 1941.
***Scatopsciara* (*Scatopsciara*) *atomaria* (Zetterstedt, 1851)** [*S. vivida* (Winnertz, 1867)] – V3, V4, BN; 20-1650 m; 1, 2, 3, 4; hno; Dimitrova & Mohrig 1993.
***Scatopsciara* (*Scatopsciara*) *edwardsi* Freeman, 1983** – V4; 1100 m; 3; e; Dimitrova & Mohrig 1993.
***Scatopsciara (Scatopsciara) multispina* (Bukowski & Lengersdorf, 1936)** – V1; 550-650 m; 2; wes; Mohrig et al. 1992.
***Sciara analis* Schiner, 1864** – V1, V4, R1; 550-2100 m; 2, 3, 4; e, ? wes; Joakimoff 1899; Nedelkov 1912.
***Sciara helvola* Winnertz, 1867** – BN; 20 m; 1; e; Dimitrova & Mohrig 1993.

***Sciara hemerobioides* (Scopoli, 1763)** [*S. thomae* (Linnaeus, 1767)] – B1, V1, V4, R1; 220-1150 m; 1, 2, 3; po; Joakimoff 1899; Nedelkov 1912.
***Xylosciara* (*Xylosciara*) *misella* (Frey, 1948)** – BN; 150 m; 1; e; Dimitrova & Mohrig 1993.

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***Anaretella defecta* (Winnertz, 1870)** [*A. spiraeina* (Felt, 1907)] – V4; 1100 m; 3; ? k; Dimitrova & Mamaev 1993.
***Aprionus bidentatus* (Kieffer, 1894)** – V4; 1100 m; 3; e; Dimitrova & Mamaev 1993.
***Lestremia cinerea* Macquart, 1826** – V4; 800 m; 2; hna; Dimitrova & Mamaev 1993.
***Polyardis adela* Pritchard, 1947** [*Monardia edwardsi* (Kleesattel 1979)] – V4; 1000-1100m; 3; h; Dimitrova & Mamaev 1993.
***Monardia* (*Xylopriona*) *atra* (Meigen, 1804)** [*Xylopriona*] – V4; 1050-1500 m; 3; h; Dimitrova & Mamaev 1993.
***Campylomyza flavipes* Meigen, 1818** [*C. pumila* Winnertz 1870; *C. strobli* (Kieffer 1901)] – V4; 1400 m; 3; ha; Dimitrova & Mamaev 1993.
***Neurolyga verna* (Mamaev, 1963)** [*Cordylomyia*] – V4; 1150 m; 3; h; Dimitrova & Mamaev 1993.
***Peromyia ramosa* (Edwards, 1938)** – V4; 1100 m; 3; tes; Dimitrova & Mamaev 1993.
***Monepidosis bulgarica* Mamaev & Dimitrova 1992** – V4; 1550 m; 3; e; Mamaev & Dimitrova 1992.
***Neocolpodia paradoxa* Mamaev, 1964** – V4; 1000 m; 2, 3; e; Dimitrova & Mamaev 1993.
***Porricondyla armata* Spungis, 1981** – V4; 1400 m; 3; e; Dimitrova & Mamaev 1993.
***Porricondyla aurantiaca* Panelius, 1965** – V4; 1500 m; 3; des; Dimitrova & Mamaev 1993.
***Porricondyla modesta* Spungis, 1981** – V4; 1100 m; 3; des; Dimitrova & Mamaev 1993.
***Spungisomyia media* (Spungis, 1981)** [*Porricondyla*] – V4; 1100 m; 3; des; Dimitrova & Mamaev 1993.
***Porricondyla modesta* Spungis, 1981** – V4; 1100 m; 3; e; Dimitrova & Mamaev 1993.
***Porricondyla nigripennis* (Meigen, 1830)** – V4; 1550 m; 3; h; Dimitrova & Mamaev 1993.
***Winnertzia curvata* Panelius, 1965** – V4; 800 m; 2; e; Dimitrova & Mamaev 1993.
***Hilversidia autumnalis* Mamaev, 1966** – V4; 1600 m; 4; ee; Dimitrova & Mamaev 1993.
***Hybolasioptera fasciata* (Kieffer, 1904)** [*H. cerealis* (Lindeman, 1880)] – ▪; V1; 510 m; 1; e; Popoff 1939a; Buresch & Lazarov 1956; Skuhravá et al. 1991.
***Lasioptera arundinis* Schiner, 1854** – V4, BN; 10-730 m; 1, 2; e; Dimitrova 1989, 1990; Skuhravá et al. 1991.
***Lasioptera carophila* F. Löw, 1874** – TL, BN; 50-180 m; 1; wp; Skuhravá et al. 1991.
***Lasioptera eryngii* (Vallot, 1829)** – V1, R1, R2, BN; 50-850 m; 1, 2; wp; Naidenov 1962; Skuhravá et al. 1991.
***Lasioptera rubi* (Schrank, 1803)** – ▪; B1, B2, V1, V4, S1, S21, R1, TL, BN; 5-1500 m; 1, 2, 3; dp; Nikolova 1950; Buresch & Lazarov 1956; Popoff 1956; Kovachevski et al. 1959; Lazarov et al. 1960; Grigorov 1962, 1972, 1976; Naidenov 1962, 1963; Dimitrova 1989; Skuhravá et al. 1991, 1992.
***Ozirhincus anthemidis* (Rübsaamen, 1916)** – BN; 10-100 m; 1; hom; Skuhravá et al. 1991.
***Apiomyia bergenstammi* (Wachtl, 1882)** – ▪; ♦; P2, V3, V4, TK, K4, K5, BN; 50-1000 m; 1, 2; wcp, ? eswa; Tschorbadjiew 1925a, 1925b, 1925c, 1926a, 1926b, 1927, 1928a, 1928b, 1932, 1933; Lazarov 1949a; Buresch & Lazarov 1956; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992.
***Arnoldiola gemmae* (Giraud, 1868)** – B1, V4; 600-1080 m; 1, 2, 3; e; Dimitrova 1989; Skuhravá et al. 1991.
***Arnoldiola libera* (Kieffer, 1909)** – B1, V4, BN; 40-750 m; 1, 2; e; Dimitrova 1989; Skuhravá et al. 1991.
***Spurgia euphorbiae* (Vallot, 1827)** [*Bayeria capitigena* (Bremi, 1847); *Dasineura subpatula* (Bremi, 1847)] – B1, V1, V4, R1, R2, RW, BN; 20-2108 m; 1, 2, 3, 4, 5; ena, i, h; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.
***Bayeriola salicariae* (Kieffer, 1888)** – BN; 10-30 m; 1; e; Skuhravá et al. 1991, 1992.
***Bayeriola thymicola* (Kieffer, 1888)** [*Bayeria*] – R1, R2, RW; 10-900 m; 1, 2; ena; Skuhravá et al. 1991, 1992; Beschovski 2006.
***Bremiola onobrychidis* (Bremi, 1847)** – ▪; ♠; ewca; Donchev 1978; Skuhravá et al. 1991, 1992.
***Coniophora nijveldti* Dimitrova, 1992** – V4; 1150 m; 3; Er; Dimitrova 1989, 1992.
***Craneiobia corni* (Giraud, 1863)** – V4, K8, TL, BN; 50-800 m; 1, 2; e; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.
***Cystiphora taraxaci* (Kieffer, 1888)** – V4, R2; 900-1050 m; 2, 3; wpo, i, ho; Dimitrova 1989; Skuhravá et al. 1991, 1992.
***Dasineura acrophila* (Winnertz, 1853)** – R1, BN; 5-850 m; 1, 2; ena; Skuhravá et al. 1991, 1992.

***Dasineura affinis* (Kieffer, 1886)** – V1, BN; 50-650 m; 1; ena; Skuhravá et al. 1991, 1992.
***Dasineura airae* (Kieffer, 1897)** – V4; 750 m; 2; ? e; Dimitrova 1989.
***Dasineura alopecuri* (Reuter, 1895)** – ●; ♠; e, i, ha; Lyubenov 1957; Skuhravá et al. 1991, 1992.
***Dasineura aparines* (Kieffer, 1889)** – B1, BN; 5-650 m; 1, 2; ena; Skuhravá et al. 1991, 1992.
***Dasineura asperulae* (F. Löw, 1875)** – V1, V4, R2, RW; 700-1550 m; 2, 3; cse; Dimitrova 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.
***Dasineura auritae* Rübsaamen, 1916** – V4; 1000-1150 m; 3; e; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.
***Dasineura axillaris* Kieffer, 1896** – BN; 50 m; 1; e; Skuhravá et al. 1991, 1992.
***Dasineura bayeri* Rübsaamen, 1914** – BN; 10-100 m; 1; e; Skuhravá et al. 1991, 1992.
***Dasineura capsulae* Kieffer, 1901** – BN; 10-100 m; 1; ena; Naidenov 1962; Skuhravá et al. 1991, 1992.
***Dasineura corylina* (Kieffer, 1913)** – V4; 1200 m; 3; e; Dimitrova 1989.
***Dasineura crataegi* (Winnertz, 1853)** [*Cecidomyia*] – ▪; DW, E2, P1, B1, B3, S1, S211, V1, V4, O61, O62, T1, TL, R1, R2, RW, RE, BN; 0-1300 m; 1, 2, 3; e; Malkov 1904a; Buresch & Lazarov 1956; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.
***Dasineura dryophila* Rübsaamen, 1917** – BN; 10-100 m; 1; e; Skuhravá et al. 1991, 1992.
***Dasineura filipendulae* (Kieffer, 1909)** – V4; 1200 m; 3; e; Dimitrova 1989.
***Dasineura fraxinea* Kieffer, 1907** – B1, V1, V4, R1, BN; 5-1350 m; 1, 2, 3; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.
***Dasineura fraxini* (Bremi, 1847)** – V4, BN; 0-1350 m; 1, 2, 3; ena; Dimitrova 1989; Skuhravá et al. 1991, 1992.
***Dasineura galiicola* (F. Löw, 1880)** – TL, R2; 160-1150 m; 1, 2, 3; e; Naidenov 1962; Skuhravá et al. 1991, 1992.
***Dasineura glechomae* (Kieffer, 1889)** – B1, TL, BN; 10-650 m; 1; e, i, h; Naidenov 1962; Skuhravá et al. 1991, 1992.
***Dasineura gleditchiae* (Osten Sacken, 1866)** – V1, TL; 150-550 m; 1; h, i; Dimitrova & Pencheva 2004; Tomov et al. 2009.
***Dasineura harrisoni* (Bagnall, 1922)** – V4; 750-1250 m; 2, 3; e; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.
***Dasineura helianthemi* (Hardy, 1850)** [*Contarinia*] – B1, V4; 750-1200 m; 2, 3; ena; Dimitrova 1989; Skuhravá et al. 1991, 1992.
***Dasineura hyperici* (Bremi, 1847)** – B1, V1, V4, S21, TL, R1, R2, BN; 50-2000 m; 1, 2, 3, 4; e; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992.
***Dasineura irregularis* (Bremi, 1847)** [*D. acercrispans* Kieffer, 1888] – V4, R1; 830-1200 m; 2, 3; e, ? wpo; Dimitrova 1989; Skuhravá et al. 1991, 1992.
***Dasineura kellneri* (Henschel, 1875)** [*D. laricis* Löw, 1878] – V1, V4; 700-1430 m; 2, 3; wes; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992.
***Dasineura lamii* (Kieffer, 1909)** – V1; 650 m; 1; e; Skuhravá et al. 1991, 1992.
***Dasineura lathyri* (Kieffer, 1909)** – S21, BN; 10-900 m; 1, 2; e; Skuhravá et al. 1991, 1992.
***Dasineura lathyricola* (Rübsaamen, 1890)** – TL; 160 m; 1; wes; Naidenov 1962; Skuhravá et al. 1991, 1992.
***Dasineura leguminicola* (Lintner, 1879)** – V4; 750-1100 m; 2, 3; ena, i, h; Dimitrova 1989.
***Dasineura lithospermi* (Loew, 1850)** – BN; 30-40 m; 1; e; Skuhravá et al. 1991, 1992.
***Dasineura lupulinae* (Kieffer, 1891)** – BN, 50 m; 1; e; Skuhravá et al. 1991, 1992.
***Dasineura mali* (Kieffer, 1904)** – ▪; ♦; B1, V1, K9, TL, BN; 0-1000 m; 1, 2; hoes, i, hna; Grigorov 1962, 1972; Naidenov 1962; Skuhravá et al. 1991, 1992.
***Dasineura medicaginis* (Bremi, 1847)** – B1, TL, R1, RW, BN; 50-900 m; 1, 2; wes; Naidenov 1962; Skuhravá et al. 1991, 1992; Beschovski 2006.
***Dasineura napi* (Loew, 1850)** [*D. brassicae* (Winnertz, 1853)] – ▪; ♦; DM; 100-150 m; 1; e; Malkov 1903; Buresch & Lazarov 1956; Kircheva 1991; Skuhravá et al. 1991, 1992.
***Dasineura oxyacanthae* Rübsaamen, 1914** – V4; 750 m; 2; e; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992.
***Dasineura papaveris* (Winnertz, 1890)** – B1, O61, R1, RW, BN; 10-850 m; 1, 2; eswa; Naidenov 1962; Skuhravá et al. 1991, 1992; Beschovski 2006.
***Dasineura plicatrix* (Loew, 1850)** – B1, V4, TL, O61, R1, R2; 10-1430 m; 1, 2, 3; ena, i, h; Naidenov 1962; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.
***Dasineura populeti* (Rübsaamen, 1889)** – BN; 40 m; 1; e; Skuhravá et al. 1991, 1992.
***Dasineura potentillae* (Wachtl, 1885)** – R2; 1300 m; 3; e; Skuhravá et al. 1991, 1992.
***Dasineura pteridicola* (Kieffer, 1901)** – V4, R1; 850-880 m; 2; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Dasineura pteridis* (Müller, 1871)** [*D. filicina* (Kieffer, 1889)] – B1, K8, V4, R2; 550-1800 m; 1, 2, 3, 4; des, ? dp; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Dasineura pustulans* (Rübsaamen, 1889)** – V4; 750-1430 m; 2, 3; e; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.

***Dasineura pyri* (Bouché, 1847)** [*Perrisia*] – ▪; ♦; E1, E2, P1, V1, K9, TL, O61, R1, RW, BN, BS; 10-1000 m; 1, 2; e, i, ha; Malkov 1902; Tschorbadjiew 1939a; Lazarov 1949a; Buresch & Lazarov 1956; Popoff 1956; Kovachevski et al. 1959; Naidenov 1962; Harizanov 1964; Grigorov 1972; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Dasineura ranunculi* (Bremi, 1847)** – V4; 750-800 m; 2; des; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Dasineura ribis* Barnes, 1940** – ▪; ♠; e; Grigorov 1972; Ivanov 1981; Skuhravá et al. 1991, 1992.

***Dasineura rosae* (Bremi, 1847)** [*Wachtliella rosarium* (Hardy, 1850)] – B1, V4, S21, TL, O61, R1, R2, RW; 10-1770 m; 1, 2, 3, 4; des, ? h; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Dasineura rossi* Rübsaamen, 1914** – R1; 850 m; 2; wes; Skuhravá et al. 1991, 1992.

***Dasineura rubella* Kieffer, 1896** – B1, V1, V4, BN; 10-850 m; 1, 2; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Dasineura ruebsaameni* (Kieffer, 1909)** – B1, V4, S21, BN; 10-1200 m; 1, 2, 3; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Dasineura schulzei* Rübsaamen, 1917** – B1, V4, R1, R2; 500-1600 m; 1, 2, 3, 4; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Dasineura serotina* (Winnertz, 1853)** – BN; 5-50 m; 1; e; Skuhravá et al. 1991, 1992.

***Dasineura sisymbrii* (Schrank, 1803)** – B1, V1, V4, TL, R2, RW, BN; 5-1000 m; 1, 2; e; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Dasineura spadicea* Rübsaamen, 1917** – TL; 160 m; 1; wes; Naidenov 1962; Skuhravá et al. 1991, 1992.

***Dasineura symphyti* (Rübsaamen, 1892)** – BN; 30-40 m; 1; e; Skuhravá et al. 1991, 1992.

***Dasineura szepligetii* (Kieffer, 1909)** [*Oligitrophus*] – P1, V1, V4, BN; 50-1000 m; 1, 2; csee; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Dasineura tetensi* (Rübsaamen, 1892)** – ♠; e; Gospodinov 1968; Skuhravá et al. 1991, 1992.

***Dasineura thomasiana* (Kieffer, 1888)** – B1, R2, BN; 10-980 m; 1, 2; e; Skuhravá et al. 1991, 1992.

***Dasineura tiliae* (Schrank, 1803)** [*D. tiliamvolvens* (Rübsaamen 1889)] – V4, BN; 50-1550 m; 1, 2, 3; des, ? dp; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Dasineura tortilis* (Bremi, 1847)** [*D. alni* (F. Löw, 1877)] – B1, R2; 550-1100 m; 1, 2, 3; e; Skuhravá et al. 1991, 1992.

***Dasineura tortrix* (F. Löw, 1877)** – B1, K4, V1, V4, O61, R1, R2, RW, BN; 5-1300 m; 1, 2, 3; e; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Dasineura trifolii* (F. Löw, 1874)** – B1, V1, V4, TL, R2, RW, BN; 50-1550 m; 1, 2, 3; wp, i, h; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Dasineura tubularis* (Kieffer, 1909)** – B1, V4, BN; 30-1030 m; 1, 2, 3; cse; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Dasineura tympani* (Kieffer, 1909)** – B1, V4, S21, BN; 10-1350 m; 1, 2, 3; e; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Dasineura ulmaria* (Bremi, 1847)** – V4, R2; 1000-1430 m; 3; des; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Dasineura urticae* (Perris, 1840)** – B1, V1, V4, S21, TL, R1, R2, RW, BN; 10-1650 m; 1, 2, 3, 4; des; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Dasineura viciae* (Kieffer, 1888)** – B1, V1, V4, S21, TL, O61, R1, RW, BN; 5-1650 m; 1, 2, 3, 4; des, ? dp, tp; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Rabdophaga clavifex* (Kieffer, 1891)** [*Dasineura*] – B1, V4; 950-1400 m; 2, 3; dp; Dimitrova 1989; Skuhravá et al. 1991, 1992; Georgiev et al. 2004.

***Rabdophaga heterobia* (Loew, 1850)** [*Dasineura*] – B1, V4, R1, R2; 550-1300 m; 1, 2, 3; dp; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.

***Rabdophaga jaapi* Rübsaamen, 1916** [*Dasineura repentis* Skuhravá, 1986] – V4, R1; 1400 m; 3; e; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Rabdophaga marginemtorquens* (Bremi, 1847)** [*Dasineura*] – V1, TL; 150-550 m; 1; dp, ? des; Naidenov 1962; Skuhravá et al. 1991, 1992.

***Rabdophaga pierrei* (Kieffer, 1896)** [*Dasineura*] – V1; 550 m; 1; e; Naidenov 1962; Skuhravá et al. 1991, 1992.

***Rabdophaga rosaria* (Loew, 1850)** [*Dasineura*] – V4, S1, TL, BN; 10-1810 m; 1, 2, 3, 4; e, ? tp, h; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Rabdophaga salicis* (Schrank, 1803)** [*Dasineura*; *R. karschi* (Kieffer, 1891)] – V1, V4, TL, R2; 150-1400 m; 1, 2, 3; h; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Rabdophaga saliciperda* (Dufour, 1841)** [*Dasineura*] – ▪; B1, V1, V4, TK, TL, R2; 150-1300 m; 1, 2, 3; dp, ? tp; Malkov 1904b, 1906, 1907; Buresch & Lazarov 1956; Naidenov 1962, 1963; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Georgiev & Stojanova 2003.

***Rabdophaga terminalis* (Loew, 1850)** [*Dasineura*] – B1, V4, R2, RW, BN; 10-1300 m; 1, 2, 3; dp, ? tp; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Didymomyia tiliacea* (Bremi, 1847)** [*D. reaumuriana* (Löw, 1878)] – V4, TL, RW, BN; 10-1350 m; 1, 2, 3; des, ? dp; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Dryomyia circinans* (Giraud, 1861)** – ▪; ♦; DW, E2, B3, K9, V4, V5, S211, T31, R2, BN, BS; 10-1000 m; 1, 2; nmsfe, dp; Drensky 1955; Naidenov 1962, 1963; Zlatanov 1971; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Dryomyia lichtensteinii* (F. Löw, 1878)** – ▪; ♦; ♠; 10-1000 m; 1, 2; sena; Zlatanov 1971; Skuhravá et al. 1991, 1992.

***Euphorbomyia loewii* (Mik, 1882)** – E2, TL, O61, R1; 100-400 m; 1; cset; Naidenov 1962; Skuhravá et al. 1991, 1992.

***Geocrypta braueri* (Handlirsch, 1884)** – BN; 40-50 m; 1; e; Skuhravá et al. 1991, 1992.

***Geocrypta galii* (Loew, 1850)** – B1, K8, V1, V4, TL, R1, R2, BN; 10-2000 m; 1, 2, 3, 4; dp; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Gephyraulus raphanistri* (Kieffer, 1886)** – R1; 800 m; 2; e; Skuhravá et al. 1991, 1992.

***Giraudiella inclusa* (Frauenfeld, 1862)** – BN; 10-100 m; 1; ? wcp; Skuhravá et al. 1991, 1992.

***Acericecis vitrina* (Kieffer, 1909)** [*Harrisomyia*] – B1, V4; 550-1450 m; 1, 2, 3; e, ? cse; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.

***Hartigiola annulipes* (Hartig, 1839)** [*Phegobia tornatella* (Bremi, 1847)] – E1, B3, V1, V4, K4, S211, R1, RW; 250-1400 m; 1, 2, 3; ean, ? dp; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Iteomyia capreae* (Winnertz, 1853)** – B1, V1, V4, R2; 550-1650 m; 1, 2, 3, 4; tp; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Jaapiella bryoniae* (Bouché, 1847)** – V1, R2, RW; 650-1000 m; 1, 2; ena; Skuhravá et al. 1991, 1992.

***Jaapiella cirsiicola* Rübsaamen, 1916** – BN; 10-30 m; 1; ewca; Skuhravá et al. 1991, 1992.

***Jaapiella cucubali* (Kieffer, 1909)** – TL, R2, BN; 10-850 m; 1, 2; cse; Skuhravá et al. 1991, 1992.

***Jaapiella floriperda* (F. Löw, 1888)** – B1, V4, BN; 50-1080 m; 1, 2, 3; e, ? ewca; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.

***Jaapiella genisticola* (F. Löw, 1877)** – ♠; wes; Naidenov 1962; Skuhravá et al. 1991, 1992.

***Jaapiella hedickei* Rübsaamen, 1921** – BN; 10-100 m; 1; e; Skuhravá et al. 1991, 1992.

***Jaapiella jaapiana* (Rübsaamen, 1914)** – O61, R1; 350-400 m; 1; e; Skuhravá et al. 1991, 1992.

***Jaapiella moraviae* (Wachtl, 1883)** – E2; 100 m; 1; csee; Skuhravá et al. 1991, 1992.

***Jaapiella rubicundula* (Rübsaamen, 1891)** – V4; 1150 m; 3; e; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.

***Jaapiella schmidti* (Rübsaamen, 1912)** – B1, BN; 10-500 m; 1; e; Skuhravá et al. 1991, 1992.

***Jaapiella veronicae* (Vallot, 1827)** – B1, V1, V4, S21, TL, R1, R2; 160-1550 m; 1, 2, 3; e; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Jaapiella viscariae* (Kieffer, 1886)** – E2; 100 m; 1; ? csee; Skuhravá et al. 1991, 1992.

***Fabomyia medicaginis* (Rübsaamen, 1912)** [*Jaapiella*] – ▪; ♦; V1, V4, TL, R2; 150-1120 m; 1, 2, 3; west, ? wes; Naidenov 1962; Grigorov 1972, 1976; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.

***Janetia cerris* (Kollar, 1850)** [*Arnoldia*] – DW, B1, V1, V4, RW; BN; 10-1030 m; 1, 2; dp; Naidenov 1962, 1963; Zlatanov 1971; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Janetia homocera* (F. Löw, 1877)** – DW, B1, BN, BS; 5-1050 m; 1, 2; cse; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Janetia nervicola* (Kieffer, 1909)** – B1, V4, BN; 100-750 m; 1, 2; csee; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Janetia pustularis* (Kieffer, 1909)** – V1, BN; 10-550 m; 1; csee; Skuhravá et al. 1991, 1992.

***Janetia szepligetii* Kieffer, 1896** – B1, V4, BN; 10-850 m; 1, 2; csean; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Janetiella fallax* Kieffer, 1904** – E1, R1; 100-850 m; 1, 2; csee, ? e; Naidenov 1962; Skuhravá et al. 1991, 1992.

***Janetiella lemeei* (Kieffer, 1904)** – B1, R1, RW, BN; 10-600 m; 1; ean; Naidenov 1962; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Janetiella oenephila* (Haimhoffen, 1875)** [*Cecidomyia*, *Vitisiella*] – ▪; ♠; dp; Dospevski 1908a; Buresch & Lazarov 1956; Skuhravá et al. 1991, 1992.

***Janetiella thymi* (Kieffer, 1888)** – V4, R2; 1100-1550 m; 3; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Kaltenbachiola strobi* (Winnertz, 1853)** – ▪; RW; 1450-1900 m; 3, 4; e, ? bm; Tschorbadjiew 1928a, 1928b; Drensky 1928; Buresch & Lazarov 1956; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Lathyromyza schlechtendali* (Kieffer, 1886)** – TL; 150-170; 1; ewca; Naidenov 1962; Skuhravá et al. 1991, 1992.

***Macrolabis heraclei* Kaltenbach, 1862** – R1, R2, BN; 5-1140 m; 1, 2, 3; e; Skuhravá et al. 1991, 1992.

***Macrolabis hieracii* Rübsaamen, 1917** – B1, BN; 50-550 m; 1; e; Skuhravá et al. 1991, 1992.

***Macrolabis lamii* Rubsaamen, 1916** – B1, R2, BN; 10-980 m; 1, 2; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Macrolabis podagrariae* (Loew, 1850)** – V4; 750-950 m; 2, 3; e; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Macrolabis rhodophila* (Hardy, 1850)** [*M. luceti* Kieffer, 1898] – V4; 800-1810 m; 2, 3; e; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Macrolabis ruebsaameni* Hedicke, 1938** – V1; 550-650 m; 1, 2; e; Skuhravá et al. 1991, 1992.

***Macrolabis stellariae* (Liebel, 1889)** – R2; 890 m; 2; e; Skuhravá et al. 1991, 1992.

***Obolodiplosis robiniae* (Haldeman, 1847)** – ♦; 0-1000 m, 1, 2; h, i; Tomov & Dimitrov 2009.

***Mayetiola destructor* (Say, 1817)** – ▪; ♦; DW, DM, E1, P1, V1, S1, T2, TL, BN; 0-1000 m; 1, 2; wp, i, ha; Malkov 1902b; Hitilov 1912a, 1912b; Drenowsky 1922a; Drenowsky & Enderlein 1923; Tschorbadjiew 1925a, 1925c, 1926b, 1927, 1929a, 1932 1939a; Petkoff 1939; Lazarov 1935a, 1939, Buresch & Lazarov 1956; Lyubenov 1956, 1960; Popoff 1956; Zamfirov 1958, 1961a; 1962a, 1962b, 1962c, 1963a; Makarov 1959; Kovachevski et al. 1959; Naidenov 1963; Grigorov 1972, 1976; Kontev et al. 1991; Skuhravá et al. 1991, 1992; Harizanov et al. 1996.

***Mayetiola lanceolatae* (Rübsaamen, 1895)** – BN; 10-100 m; 1; e; Skuhravá et al. 1991, 1992.

***Mayetiola graminis* (Fourcroy, 1785)** [*M. poae* (Bosc, 1817); *Poomyia*] – B1, V4, R1, RW; 600-1520 m; 2, 3; e; Naidenov 1963; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Mikomya coryli* (Kieffer, 1901)** – B1, V1, V4, S21, R1, BN; 10-1680 m; 1, 2, 3, 4; ean; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.

***Neomikiella beckiana* (Mik, 1885)** – BN; 5-30 m; 1; e; Skuhravá et al. 1991, 1992.

***Oligotrophus juniperinus* (Linnaeus, 1758)** – V4, R1, R2, RW; 750-2500 m; 2, 3, 4, 5; e; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Oligotrophus panteli* Kieffer, 1898** – V4, R1, R2, RW; 350-1450 m; 1, 2, 3; ena; Naidenov 1962; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Phegomyia fagicola* (Kieffer, 1901)** – V1, V4, R2; 650-1200 m; 2, 3; e; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Physemocecis hartigi* (Liebel, 1892)** – V4, TL, BN; 180-1550 m; 1, 2, 3; ean; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Physemocecis ulmi* (Kieffer, 1909)** – B1, V1, V4, TL, R1, BN; 0-1150 m; 1, 2, 3; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Rhopalomyia artemisiae* (Bouché, 1834)** – B1; 450-650 m; 1, 2; des; Skuhravá et al. 1991, 1992.

***Rhopalomyia foliorum* (Loew, 1850)** – RW; 900 m; 2; des; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Rondaniola bursaria* (Bremi, 1847)** – B1, V1, TL, BN; 10-700 m; 1, 2; e; Skuhravá et al. 1991, 1992.

***Sackenomyia reaumurii* (Bremi, 1847)** – K8, K9, V4, BN; 10-1400 m; 1, 2, 3; e; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Semudobia betulae* (Winnertz, 1853)** – B1, V1, V4, TL, R2, BN; 10-1450 m; 1, 2, 3; tp, i, h; Minchev & Mincheva 1967; Dimitrova 1989; Skuhravá et al. 1991, 1992; Pelov 1999.

***Semudobia skuhravae* Roskam, 1977** – B1, V1, V4, R2; 500-1450 m; 1, 2, 3; h; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Semudobia tarda* Roskam, 1977** – V4; 830-1550 m; 2, 3; dp, i, h; Dimitrova 1989.

***Wachtliella ericina* (F. Löw, 1885)** – B1; 600-650 m; 1, 2; ena; Skuhravá et al. 1991, 1992.

***Wachtliella niebleri* Rübsaamen, 1916** – V4, BN; 10-2000 m; 1, 2, 3, 4; wes; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Wachtliella persicariae* (Linnaeus, 1767)** – TL; 150-170 m; 1; wp; Naidenov 1962; Skuhravá et al. 1991, 1992.

***Wachtliella stachydis* (Bremi, 1847)** – R1, R2; 1100-1150 m; 3; e; Skuhravá et al. 1991, 1992.

***Zygiobia carpini* (F. Löw, 1874)** – B1, V4, S21, R1, R2, BN; 10-1200 m; 1, 2, 3; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Mikiola fagi* (Hartig, 1839)** [*Cecidimyia*] – ▪; ♦; SB, V4, S2, R1, R2, RR; 750-1900 m; 3; e, ? des; Drensky 1928; Russkoff 1928; Dimitrov 1934; Buresch & Lazarov 1956; Naidenov 1962, 1963; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Mikiola orientalis* Kieffer, 1908** – V4, T31, R1, RW; 100-200 m, 800-1400 m; 1, 3; ban; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Kiefferia pericarpiicola* (Bremi, 1847)** [*K. pimpinellae* (F. Löw, 1874)] – V4, S21, TL; 160-1200 m; 1, 2, 3; des; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.

***Asphondylia baudysi* Vimmer, 1937** – V4, BN; 10-1400 m; 1, 2, 3; e; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.

***Asphondylia calaminthae* Kieffer, 1909** – B1; 600 m; 1; e; Skuhravá et al. 1991, 1992.

***Asphondylia cytisi* Frauenfeld, 1873** – R2, BN; 10-1300 m; 1, 2, 3; wes; Skuhravá et al. 1991, 1992.

***Asphondylia dorycnii* (Müller, 1870)** – B1, BN; 10-600 m; 1; e; Skuhravá et al. 1991, 1992.

***Asphondylia echii* (Loew, 1850)** – BN; 10-100 m; 1; cse; Skuhravá et al. 1991, 1992.

***Asphondylia genistae* (Loew, 1850)** – BN; 10-100 m; 1; e; Skuhravá et al. 1991, 1992.

***Asphondylia hornigi* Wachtl, 1880** – R1, RW; 370-800 m; 1, 2; cee; Naidenov 1962; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Asphondylia massalongoi* Rübsaamen, 1893** – B1; 600 m; 1; cse; Skuhravá et al. 1991, 1992.

***Asphondylia melanopus* Kieffer, 1890** – ▪; ♠; e; Donchev 1969; Skuhravá et al. 1991, 1992.

***Asphondylia menthae* Kieffer, 1902** – B1, V1, TL; 160-600 m; 1; cse, ? e; Naidenov 1962; Skuhravá et al. 1991, 1992.

***Asphondylia miki* Wachtl, 1880** – ▪; DM, V4; 150-1100 m; 1, 2, 3; wes; Donchev 1968; Grigorov 1972; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.

***Asphondylia ononidis* F. Löw, 1873** – B1, V4; 600-800 m; 1, 2; ena; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Asphondylia pruniperda* Rondani, 1867** [*A. prunorum* Wachtl, 1880; *Ischnonyx*] – ▪; ♦; V1, BN; 10-100 m; 1; e; Malkov 1906; Lazarov 1949a; Buresch & Lazarov 1956; Nachev 1964; Grigorov 1972; Skuhravá et al. 1991, 1992.

***Asphondylia scrophulariae* Schiner, 1856** – B1, V4; 600-1020 m; 1, 2, 3; cse; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Asphondylia verbasci* (Vallot, 1827)** – E2, B1, V4, BN; 10-2000 m; 1, 2, 3, 4, 5; ena; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.

***Placochela nigripes* (F. Löw, 1877)** [*P. ligustri* (Rübsaamen, 1899)] – B1, V1, V4, BN; 5-980 m; 1, 2; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Schizomyia galiorum* Kieffer, 1889** – V4, BN; 5-1350 m; 1, 2, 3; wp; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.

***Kochiomyia kochiae* (Kieffer, 1909)** – ♠; e; Skuhravá et al. 1991, 1992.

***Feltiella acarisuga* (Vallot, 1827)** [*Acaroletes tetranychi* Kieffer 1908; *Arthrocnodax*] – TL; 160-180 m; 1; hoa; Naidenov 1962; Skuhravá et al. 1991.

***Acodiplodis inulae* (Loew, 1847)** – B1, S21; 600-900 m; 1, 2; e; Skuhravá et al. 1991, 1992.

***Ametrodiplosis auripes* (H. Löw, 1888)** – BN; 10-100 m; 1; e; Skuhravá et al. 1991, 1992.

***Anabremia bellevoyei* (Kieffer, 1896)** – BN; 10-100 m; 1; e; Skuhravá et al. 1991, 1992.

***Aphidoletes aphidimyza* (Rondani, 1847)** – V4; 1280 m; 3; hna; Grigorov 1982; Dimitrova 1989; Skuhravá et al. 1991.

***Aschistonyx carpinicolus* Rübsaamen, 1917** – B1, V4, R1, R2, BN; 5-1140 m; 1, 2, 3; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Clinodiplosis cilicrus* (Kieffer, 1889)** – V1, V4, BN; 10-1500 m; 1, 2, 3, 4; wes; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Contarinia anthobia* (F. Löw, 1877)** – R2; 1300 m; 3; e; Skuhravá et al. 1991, 1992.

***Contarinia baeri* (Prell, 1931)** – R2; 850-1300 m; 2, 3; des, i, h; Skuhravá et al. 1991, 1992.

***Contarinia barbichei* (Kieffer, 1890)** [*C. barbichi* Kieffer 1890] – B1, V4; 500-1550 m; 1, 2, 3; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Contarinia carpini* Kieffer, 1897** – B1, V4, R1, BN; 10-1200 m; 1, 2, 3; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Contarinia coryli* (Kaltenbach, 1859)** [*C. corylina* Löw 1878] – ♦; V1, V4, S21, R1; 500-1350 m; 1, 2, 3; des, ? esca; Naidenov 1962; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.

***Contarinia craccae* Loew, 1850** – TL, R1; 160-420 m; 1; wes; Naidenov 1962; Skuhravá et al. 1991, 1992.

***Contarinia fagi* Rubsaamen, 1921** – B1, V4, R1, R2; 600-1350 m; 2, 3; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Contarinia festucae* Jones, 1940** – ▪; ♠; e; Lyubenov 1957; Skuhravá et al. 1991, 1992.

***Contarinia floriperda* Rübsaamen, 1917** – V4; 1150-1650 m; 3, 4; e; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.

***Contarinia gei* Kieffer, 1909** [*C. geicola* Rübsaamen, 1917] – V1, V4, R1, BN; 5-1200 m; 1, 2, 3; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Contarinia hypochoeridis* (Rübsaamen, 1891)** – V4, RW; 850-1350 m; 2, 3; e; Dimitrova 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Contarinia jacobaeae* (Loew, 1850)** – BN; 5-30 m; 1; e; Skuhravá et al. 1991, 1992.

***Contarinia lamii* Kieffer, 1909** – V1, V4, R1; 600-1580 m; 2, 3, 4; cse; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Contarinia lentis* Aczél, 1944** [*Diplosis pisi* (Winnertz, 1854)] – ▪; ♠; ? e; Malkov 1906; Skuhravá et al. 1991, 1992.

***Contarinia loti* (De Geer, 1776)** – V4; 1500-1520 m; 4; e; Dimitrova 1987; Skuhravá et al. 1991, 1992.

***Contarinia medicaginis* Kieffer, 1895** – ▪; ♦; V1, TL, BN; 10-600 m; 1, 2; ? h; Hristova, 1954; Popoff 1956; Hristova 1959; Kovachevski et al. 1959; Naidenov 1962; Donchev 1968; Grigorov 1972, 1976; Skuhravá et al. 1991, 1992; Harizanov et al. 1996.

***Contarinia merceri* Barnes, 1930** – ▪; ♠; e; Lyubenov 1957; Skuhravá et al. 1991, 1992.

***Contarinia nasturtii* (Kieffer, 1888)** [*C. torquens* Meijere 1906] – ▪; ♦; DW, DM, P1, P2, B1, V1, V4, TL, R1, R2, RW; 100-1550 m; 1, 2, 3; ean, i, h; Nikolova 1943; Buresch & Lazarov 1956; Popoff 1956; Popoff & Nikolova 1958; Kovachevski et al. 1959; Naidenov 1963; Grigorov 1972, 1976; Dimitrova 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

***Contarinia nicolayi* (Rübsaamen, 1895)** – BN; 10-100 m; 1; e; Skuhravá et al. 1991, 1992.

***Contarinia onobrychidis* Kieffer, 1895** – ▪; ♠; wes; Donchev 1978; Skuhravá et al. 1991, 1992.

***Contarinia petioli* (Kieffer, 1898)** – V4; 770-1650 m; 2, 3, 4; des; Naidenov 1962, 1963; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Contarinia pisi* (Loew, 1850)** [*Diplosis*] – ▪; ♦; E1, TL; 50-180 m; 1; wes; Malkov 1907; Buresch & Lazarov 1956; Popoff 1956; Popoff & Nikolova 1958; Grigorov 1972, 1976; Skuhravá et al. 1991, 1992; Harizanov et al. 1996.

***Contarinia pyrivora* (Riley, 1886)** [*Diplosis*] – ▪; ♦; V1, TL, RE; 150-650 m; 1, 2; e, i, ha; Malkov 1902c, 1906b; Vasilev 1931; Zhelev 1948b; Kovachevski et al. 1959; Lazarov 1949a; Buresch & Lazarov 1956; Popoff 1956; Naidenov 1962; Sengalevich 1964; Grigorov 1972, 1976; Skuhravá et al. 1991, 1992.

***Contarinia quercicola* (Rübsaamen, 1899)** – B1, V4, BN; 10-850 m; 1, 2; cse; Dimitrova 1989; Skuhravá et al. 1991, 1992.

***Contarinia quercina* (Rübsaamen, 1890)** – B1, S21, BN; 5-900 m; 1, 2; e; Skuhravá et al. 1991, 1992.

***Contarinia quinquenotata* (F. Löw, 1888)** – R2; 980 m; 2; e, i, ha; Skuhravá et al. 1991, 1992.

***Contarinia scrophulariae* Kieffer, 1896** – B1; 550 m; 1; e; Skuhravá et al. 1991, 1992.

***Contarinia solani* (Rübsaamen, 1892)** – TL, BN; 10-180 m; 1; e; Skuhravá et al. 1991, 1992.

***Contarinia steini* (Karsch, 1881)** – R1; 1140 m; 3; e; Skuhravá et al. 1991, 1992.

***Contarinia subulifex* Kieffer, 1897** – B1, BN; 20-700 m; 1, 2; cse; Skuhravá et al. 1991, 1992.

***Contarinia tiliarum* (Kieffer, 1890)** – B1, V4; 650-1550 m; 2, 3; des, ? dp, ? h; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.

***Contarinia tragopogonis* Kieffer, 1909** – BN; 30-40 m; 1; e; Skuhravá et al. 1991, 1992.

***Contarinia tritici* (Kirby, 1798)** – ▪; DW, E2, P3, V1; 100-150 m; 1; ? h; Hitilov 1912b; Drenowsky 1922a; Tschorbadjiew 1939a; Buresch & Lazarov 1956; Popoff 1956; Zamfirov 1961a; Grigorov 1972; Kontev et al. 1991; Skuhravá et al. 1991, 1992.

***Contarinia vincetoxici* Kieffer, 1909** – BN; 10-100 m; 1; e; Skuhravá et al. 1991, 1992.

***Stenodiplosis geniculati* Reuter, 1895** [*Contarinia*] – ▪; ♠; e, i, ha; Lyubenov 1957; Skuhravá et al. 1991, 1992.

***Stenodiplosis panici* Plotnikov, 1926** [*Contarinia*] – DM; 120-200 m; 1; eet; Skuhravá et al. 1991, 1992.

***Diodaulus linariae* (Winnertz, 1853)** – BN; 10-100 m; 1; e; Skuhravá et al. 1991, 1992.
***Drisina glutinosa* Giard, 1893** – V1, V4, R1; 650-1450 m; 2, 3; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.
***Haplodiplosis marginata* (von Roser, 1840)** [*H. equestris* Wagner, 1871] – ▪; ♦; DW, E2, P1, V1; 50-650 m; 1, 2; e; Popoff 1956; Makarov 1959; Kovachevski et al. 1959; Zamfirov 1961a; Grigorov 1972; Kontev et al. 1991; Skuhravá et al. 1991, 1992; Harizanov et al. 1996.
***Harmandiola cavernosa* (Rübsaamen, 1899)** [*Harmandia*, *Diplosis*] – B1, V4, R1, RW; 600-1650 m; 2, 3, 4; ? wes, weswca; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.
***Harmandiola globuli* (Rübsaamen, 1889)** [*Harmandia*, *Diplosis*] – V4, R1; 770-1650 m; 2, 3, 4; ? wes, weswca; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.
***Harmandiola tremulae* (Winnertz, 1853)** – V4, R1, RW; 770-2650 m; 2, 3, 4; wes, ? esca; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.
***Hygrodiplosis vaccinii* (Kieffer, 1897)** – V4; 1630-2290 m; 4, 5; e, bm; Dimitrova 1987, 1989, 1990; Skuhravá et al. 1991, 1992.
***Macrodiplosis pustularis* (Bremi, 1847)** [*M. dryobia* Löw 1877] – B1, V1, V4, BN; 5-1000 m; 1, 2; ? et; Naidenov 1962; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992.
***Macrodiplosis roboris* (Hardy, 1854)** [*M. volvens* Kieffer 1895] – B1, V1, TL, R1, BN; 5-1000 m; 1, 2; wesant; Naidenov 1962; Dimitrova 1989, 1990; Skuhravá et al. 1991, 1992.
***Monarthropalpus flavus* (Schrank, 1776)** [*buxi* Laboulbène 1873] – BN; 10-100 m; 1; ean, i, h; Skuhravá et al. 1991, 1992.
***Monodiplosis liebeli* (Kieffer, 1889)** – BN; 10-100 m; 1; e; Skuhravá et al. 1991, 1992.
***Mycodiplosis coniophaga* (Winnertz, 1853)** – R1, R2; 1140-1300 m; 3; h; Skuhravá et al. 1991, 1992.
***Mycodiplosis gymnosporangii* Kieffer, 1904** – V4; 980-1080 m; 2, 3; se; Dimitrova 1989.
***Mycodiplosis melampsorae* (Rübsaamen, 1889)** – V4; 1400 m; 3; e; Dimitrova 1989; Skuhravá et al. 1991, 1992.
***Mycodiplosis saundersi* Barnes, 1927** – R2, BN; 10-1000 m; 1, 2; e; Skuhravá et al. 1991, 1992.
***Pterepidosis varimezovi* Mamaev & Dimitrova, 1998** – V4; 1600 m; 4; Ebg; Mamaev & Dimitrova 1998.
***Paralleldiplosis galliperda* (F. Löw, 1889)** – V4; 950; 2; e; Dimitrova 1989.
***Putoniella pruni* (Kaltenbach, 1872)** [*P. marsupialis* Löw 1889] – ▪; E1, P1, B1, B2, V1, V4, K9, S1, R1, R2, RW; 50-1320 m; 1, 2, 3; e; Tschorbadjiew 1924a, 1925a, 1925b, 1925c, 1925d, 1926b, 1927, 1929a, 1930a, 1933; Lazarov 1949a; Buresch & Lazarov 1956; Kovachevski et al. 1959; Lazarov et al. 1960, 1965; Grigorov 1972; Dimitrova 1987, 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.
***Resseliella ribis* (Marikovskij, 1956)** – ♠; e; Ivanov 1981; Skuhravá et al. 1991, 1992.
***Resseliella theobaldi* (Barnes, 1927)** [*Thomasiniana*] – ▪; B2, S21; ♠; e; Lazarov et al. 1965; Stoyanov 1957; Skuhravá et al. 1991, 1992.
***Sitodiplosis mosellana* (Gehin, 1857)** [*Stenodiplosis*] – ▪; ♦; DW, E2; 100-225 m; 1, 2; tp, i, h; Popoff 1956; Makarov 1959; Zamfirov 1961a; Grigorov 1972; Kontev et al. 1991; Skuhravá et al. 1991, 1992.
***Thecodiplosis brachyntera* (Schwägrichen, 1835)** [*Cecidomyia*] – ▪; V1, V4, S21, RW; 600-1215 m; 2, 3, 4; e; Dimitrov 1935; Buresch & Lazarov 1956; Naidenov 1962; Ganchev 1981; Dimitrova 1989; Skuhravá et al. 1991, 1992; Mirchev 1993; Beschovski 2006.
***Tricholaba trifolii* Rübsaamen, 1917** – B1, V4; 600-1450 m; 2, 3; wes; Dimitrova 1989; Skuhravá et al. 1991, 1992.
***Zeuxidiplosis giardi* (Kieffer, 1896)** – B1, V4, RW; 400-1550 m; 1, 2, 3, 4; e, i, hata; Naidenov 1962; Dimitrova 1989; Skuhravá et al. 1991, 1992; Beschovski 2006.

Psychodidae

***Phlebotomus* (*Phlebotomus*) *papatasi* (Scopoli, 1786)** – ▲; DM, E1, E2, S1, TL,T1, O5, O62, RW, RE, BN, BS; 0-1400 m; 1, 2, 3; ppt; Chichkoff & Konsuloff 1914; Drensky 1926, 1931, 1942, 1955; Drensky & Drensky 1928; Kitanov 1943; Ganov 1949; Boychev 1950; Ježek et al. 2017, 2018, 2020.
***Phlebotomus* (*Paraphlebotomus*) *alexandri* Sinton, 1928** – ♠; sppt; Ježek et al. 2018.
***Phlebotomus* (*Paraphlebotomus*) *caucasicus* Marzinovsky, 1917** – ♠; seeca; Ježek et al. 2018.
***Phlebotomus* (*Paraphlebotomus*) *sergenti* Parrot, 1917** [*Ph. sergenti similis* Perfil'ev, 1963] – ▲; BS; 0-30 m; 1; sppt; Drensky & Drensky 1928; Boychev 1950; Ježek et al. 2018, 2020.
***Phlebotomus* (*Larroussius*) *perniciosus* Newstead, 1911** – ▲; BS; 0-30 m; 1; cseanna; Drensky & Drensky 1928; Boychev 1950; Ježek et al. 2018, 2020.

***Phlebotomus* (*Adlerius*) *balcanicus* Theodor, 1958** [*Ph. chinensis* Newstead, 1916] – ▲; DW; 30-40 m; 1; seei; Boychev 1950; Wagner 1990; Ježek et al. 2017, 2018, 2020.

***Sergentomyia* (*Sergentomyia*) *minuta* (Rondani, 1843)** [*Phlebotomus*] – ▲; S1, TL, BS; 0-350 m; 1; sena, ? om; Nedelkov 1909, 1912; Drensky & Drensky 1928; Boychev 1950; Ježek et al. 2020.

***Sycorax bicornua* Krek, 1970** – P2, B1; 500-732 m; 1, 2; e; Ježek et al. 2020.

***Sycorax popovi* Ježek 1990** – O62; 250-350 m; 1; csee; Ježek 1990b; Ježek & Goutner 1995; Ježek et al. 2020.

***Sycorax silacea* Haliday in Curtis, 1839** – B1; 710 m; 2; e; Ježek et al. 2020.

***Sycorax tonnoiri* Jung, 1954** – P2, B1; 710-827 m; 2; csee; Ježek 2004; Ježek et al. 2020.

***Sycorax trifida* Krek, 1970** – B3; 614 m; 1; Eb; Ježek et al. 2020.

***Trichomyia kostovi* Ježek, 1990** – O62; 250-350 m; 1; Ebg; Ježek 1990b; Wagner 2013; Ježek et al. 2020.

***Berdeniella illiesi* (Wagner, 1973)** – B2, R1; 830-1200 m; 1, 2, 3; e, ? csee; Wagner & Joost 1988; Wagner 2013, 2018; Ježek et al 2019, 2020.

***Berdeniella kocii* Ježek, 2006** – R1, R2, RW; 587-1800 m; 1, 2, 3, 4; csee; Ježek et al. 2020.

***Berdeniella manicata* (Tonnoir, 1919)** [*Pericoma*] – V4, T31, R1, R2, RW; 150-1500 m; 1, 2, 3; cse; Arndt 1943; Wagner & Joost 1988; Wagner 2013, 2018; Ježek et al 2019, 2020.

***Berdeniella unispinosa* (Tonnoir, 1919)** – P1, B1, B2, B3, V4, S22, O62, R1, R2, RW; 200-2460 m; 1, 2, 3, 4, 5; e; Wagner & Joost 1988; Wagner 2013, 2018; Ježek et al. 2020.

***Berdeniella vimmeri* Jezek, 1995** – RW; 1134 m; 3; csee; Ježek et al. 2020.

***Saraiella carpatica* Vaillant, 1981** – RW; 1300-1550 m; 3, 4; see; Wagner & Joost 1988; Wagner 2013, 2018; Ježek et al. 2020.

***Saraiella rotunda* (Krek, 1970)** – R1, R2; 900-1800 m; 2, 3, 4; e; Ježek et al. 2020.

***Ulomyia bulgarica* Wagner & Joost, 1988** – B1, RW; 710-1300 m; 2, 3, 4; Ebg; Wagner & Joost 1988; Wagner 2013.

***Ulomyia fuliginosa* (Meigen, 1818)** – V1; 580-600 m; 1, 2; e; Nedelkov 1912.

***Satchelliella canescens* (Meigen, 1818)** [*Pneumia*] – P2, B2, B3, R1, RW; 300-1134 m; 1, 2, 3; esanca; Ježek et al. 2020.

***Satchelliella crispi* (Freeman, 1953)** [*Pneumia*] – R1, R2, RW; 900-1060 m; 2, 3; e; Ježek et al. 2020.

***Satchelliella gracilis* (Eaton, 1893)** [*Pneumia*] – R1, RW; 590-980 m; 1, 2; e; Ježek et al. 2020.

***Satchelliella mladeni* (Ježek1 & Oboňa, 2019)** [*Pneumia*] – V4, R1, R2; 1800-2430 m; 4, 5; Ebg; Ježek1 & Oboňa 2019; Ježek et al. 2020.

***Satchelliella nubila* (Meigen, 1818)** [*Pneumia*] – P2, B1, B2, B3, S1, S22, T31, O62, R1, R2, RW; 200-2045 m; 1, 2, 3, 4; e; Wagner & Joost 1988; Ježek & Goutner 1995; Wagner 2013, 2018; Ježek et al. 2017, 2018, 2019, 2020.

***Satchelliella palustris* (Meigen, 1818)** [*Pneumia*] – B1; 710 m; 2; ean; Ježek et al. 2020.

***Satchelliella pilularia* (Tonnoir, 1940)** [*Pneumia*] – S22, R1; 390-650 m; 1; ena, ? wp; Wagner & Joost 1988; Ježek & Goutner 1995; Wagner 2013, 2018; Ježek et al. 2020.

***Satchelliella stammeri* (Jung, 1954)** [*Pneumia*] – P2, B2; 550 m; 1; des; Ježek et al. 2020.

***Satchelliella trivialis* (Eaton, 1893)** [*Pneumia*] – P2, B1, B2; 550-810 m; 1, 2; e; Ježek et al. 2020.

***Pericoma* (*Pericoma*) *bosnica* Krek, 1967** – T31, RW; 200-1060 m; 1, 2, 3; bc; Wagner & Joost 1988; Wagner 2013, 2018; Ježek et al. 2018, 2020.

***Pericoma* (*Pericoma*) *bunae* Krek, 1979** – RW; 1054 m; 3; bc; Ježek et al. 2020.

***Pericoma* (*Pericoma*) *exquisita* Eaton, 1893** – P2, B1, B2, B3, K9, T31, O62; 100-830 m; 1, 2; ena; Wagner & Joost 1988; Ježek & Goutner 1995; Wagner 2013, 2018; Ježek et al. 2017, 2018, 2020.

***Pericoma* (*Pericoma*) *kariana* Vaillant, 1978** – R2; 582 m; 1; ban; Ježek et al. 2020.

***Pericoma* (*Pericoma*) *motasi* Vaillant, 1978** – T31, R1, RW; 200-1200 m; 1, 2, 3; see; Wagner & Joost 1988; Wagner 1990, 2013, 2018; Ježek et al. 2020.

***Pericoma* (*Pericoma*) *pannonica* Szabó, 1960** – B3; 490 m; 1; cse; Ježek et al. 2020.

***Pericoma* (*Pericoma*) *pingarestica* Vaillant, 1978** – T31; 200 m; 1; see; Wagner & Joost 1988; Wagner 2013, 2018; Ježek et al. 2020.

***Pericoma* (*Pericoma*) *pseudoexquisita* Tonnoir, 1940** – V4, T11, T31, RW; 200-1500 m; 1, 2, 3; ena; Arndt 1943; Wagner & Joost 1988; Ježek & Goutner 1995; Wagner 2013; Ježek et al. 2019, 2020.

***Pericoma* (*Pachypericoma*) *blandula* Eaton, 1893** – P1, P2, B1, B2, B3, T31, O62, R1, RW; 150-1130 m; 1, 2, 3; eanna; Wagner & Joost 1988; Ježek & Goutner 1995; Wagner 2013, 2018; Ježek et al. 2017, 2018, 2019, 2020.

***Pericoma* (*Pachypericoma*) *fallax* Eaton, 1893** – P2, B2, O62, R1, R2; 200-590 m; 1; wes; Ježek et al. 2020.

***Pericoma* (*Pachypericoma*) *nielseni* Kvifte 2010** – P2, B1, R2, RW; 450-980 m; 1, 2; e; Ježek et al. 2020.

***Clytocerus* (*Boreoclytocerus*) *longicorniculatus* Krek, 1987** – P2, B2, R1; 460-960 m; 1, 2; e; Ježek et al. 2020.

***Clytocerus* (*Boreoclytocerus*) *ocellaris* (Meigen, 1818)** – P2, B2, R1, R2; 460-1600 m; 3, 4; e; Wagner & Joost 1988; Ježek & Goutner 1995; Wagner 2013; Ježek & et al. 2017, 2019, 2020.

***Clytocerus* (*Boreoclytocerus*) *thracicus* (Wagner & Koç, 2013)** – B1, B3; 290-710 m; 1, 2; ban; Ježek et al. 2020.

***Tonnoiriella pulchra* (Eaton, 1893)** – B1; 500-600 m; 1, 2; ena, ? e; Wagner & Joost 1988; Wagner 2013, 2018; Ježek et al 2019, 2020.

***Tonnoiriella sieberti* Wagner, 1993** – P1, P2, B1, B2, B3, S1, O62, R1, R2, RW; 200-1060 m; 1, 2, 3; eswa; Ježek et al. 2020.

***Bazarella subneglecta* (Tonnoir, 1922)** [Parabazarella] – R1, RW; 980-1270 m; 2, 3; ceean; Wagner & Joost 1988; Wagner 2013, 2018; Ježek et al. 2020.

***Tinearia alternata* (Say, 1824)** [*Psychoda*] – DM, E1, E2, P2, B3, K3, V1, S1, O61, R1, R2, R5, RW BN; 30-1200 m; 1, 2, 3; k; Nedelkov 1912; Islam et al. 1986; Russev et al. 1987; Wagner & Joost 1988; Janeva 1989; Janeva & Russev 1989, 1997; Soufi & Uzunov 2008; Uzunov et al. 2011; Varadinova et al. 2013; Wagner 2013; Ježek et al. 2017, 2018, 2019; Ježek et al. 2020.

***Tinearia lativentris* (Berden, 1952)** – B3, R2; 290-830 m; 1, 2; hn; Ježek et al. 2020.

***Psychoda albipennis* Zetterstedt, 1850** [*Logima*] – DM, P2, B1, B2, B3, V1, V4, O62, R1, RW; 20-1710 m; 1, 2, 3, 4; k; Nedelkov 1909, 1912; Wagner & Joost 1988; Ježek & Goutner 1995; Wagner 2013, 2018; Ježek et al. 2018, 2019, 2020.

***Psychoda brevicornis* Tonnoir, 1940** [*Copropsychoda*] – P2, B1; 420-809 m; 1, 2; wes; Ježek et al. 2020.

***Psychoda cinerea* Banks, 1894** [*Psychodocha*] – V4, R1, RW; 500-1400 m; 1, 2, 3; sk; Wagner & Joost 1988; Ježek & Goutner 1995; Wagner 2013, 2018; Ježek et al. 2017, 2018, 2019; Ježek et al. 2020.

***Psychoda erminea* Eaton, 1898** [*Logima*] – P2, B2; 420-800 m; 1, 2; dpo; Ježek et al. 2020.

***Psychoda gemina* (Eaton, 1904)** [*Psychodocha*] – P2, B1, B2, B3, RW; 420-1140 m; 1, 2, 3; e; Ježek et al. 2020.

***Psychoda grisescens* Tonnoir, 1922** [*Psycha*] – B3, R1; 300-1200 m; 1, 2, 3; eanna; Wagner & Joost 1988; Wagner 2013, 2018; Ježek et al. 2020.

***Psychoda lobata* Tonnoir, 1940** [*Chodopsycha*] – P2, B1, B2, B3, V4, O62, R1, R2, RW; 200-1400 m; 1, 2, 3, 4; e; Wagner & Joost 1988; Ježek 1990a; Wagner 2013, 2018; Ježek et al. 2017, 2019, 2020.

***Psychoda minuta* Banks, 1894** [*Psychodula*] – B3; 292 m; 1; h; Wagner 2013, 2018; Ježek et al. 2017, 2019; Ježek et al. 2020.

***Psychoda parthenogenetica* Tonnoir, 1940** – T31, RW; 200-1600 m; 1, 2, 3, 4; ? k; Wagner & Joost 1988; Wagner 2013, 2018.

***Psychoda phalaenoides* Linnaeus, 1758** – B2, R1; 800-1330 m; 2, 3; ha; Wagner 2018; Ježek et al. 2020.

***Psychoda satchelli* Quate, 1955** [*Logima*] – P2, B1, B2, B3, S1, R1, R2; 420-2050 m; 1, 2, 3, 4; h; Ježek et al. 2020.

***Psychoda trinodulosa* Tonnoir, 1922** [*Psychomora*] – P2, B1, B3, T11, R1; 200-830 m; 1, 2; h, ? k; Wagner & Joost 1988; Ježek & Goutner 1995; Wagner 2013, 2018; Ježek et al. 2017, 2019, 2020.

***Psychoda uniformata* Haseman, 1907** – P2, B2, B3; 300-800 m; 1, 2; h; Ježek et al. 2020.

***Psychoda zetterstedti* (Jezek, 1983)** [*P. albipennis* Zetterstedt, 1850; *Logima*] – P2, B1, B2, B3, RW; 420-1140 m; 1, 2, 3; dp; Nedelkov 1909, 1912; Ježek et al. 2020.

***Paramormia* (*Duckhousiella*) *ustulata* (Walker, 1856)** – P2, B2, B3, O62, R2, RW; 100-1054 m; 1, 2, 3; h; Wagner & Joost 1988; Ježek & Goutner 1995; Wagner 2013, 2018; Ježek et al. 2018, 2019, 2020.

***Paramormia* (*Paramormia*) *polyascoidea* (Krek, 1971)** – P1, B2, B3; 380-809 m; 1, 2; wes; Ježek et al. 2020.

***Paramormia* (*Phyllotelmatoscopus*) *acuta* (Krek, 1971)** – B2; 827 m; 2; e; ? cse; Ježek et al. 2020.

***Panimerus denticulatus* Krek, 1972** – P2, B2, B3, O62; 200-827 m; 1, 2; e; Ježek et al. 2019, 2020.

***Panimerus elongatus* Wagner, 1981** – B3, T11; 200-400 m; 1; Eb; Wagner & Joost 1988; Wagner 2013; Ježek et al. 2019, 2020.

***Panimerus kreki* Vaillant, 1972** – ♠; cse; Ježek 2004; Ježek et al. 2019, 2020.

***Lepimormia josanicana* (Krek, 1972)** – R2; 712 m; 2; Eb; Ježek et al. 2020.

***Mormia* (*Mormia*) *curvistylis* (Krek, 1971)** – B1, V4, RW; 710-1200 m; 2, 3; Eb; Wagner & Joost 1988; Wagner 2013; Ježek et al. 2020.

***Mormia* (*Mormia*) *revisenda* (Eaton, 1893)** – RW; 1054 m; 3; ean; Ježek et al. 2020.

***Mormia* (*Hemimormia*) *eatoni* (Tonnoir, 1940)** [*Promormia*] – P2, B1, RW; 419-900 m; 1, 2; e; Wagner & Joost 1988; Ježek & Goutner 1995; Wagner 2013; Ježek et al. 2020.

***Mormia* (*Promormia*) *silesiensis* (Jezek, 1983)** – B1; 620-732 m; 1, 2; csee; Ježek et al. 2020.

***Mormia* (*Yomormia*) *furva* (Tonnoir, 1940)** – R1; 587 m; 1; e; Ježek et al. 2020.
***Mormia* (*Yomormia*) *petrovi* (Jezek, 1985)** – ♠; bc; Wagner 2013; Ježek et al. 2020.
***Jungiella* (*Parajungiella*) *bohdanecensis* (Jezek & Hájek, 2007)** – P2; 457 m; 1; csee; Ježek et al. 2020.
***Jungiella* (*Parajungiella*) *consors* (Eaton, 1893)** – B3; 292 m; 1; des; Ježek et al. 2020.
***Jungiella* (*Parajungiella*) *longicornis* (Tonnoir, 1919)** – R1; 587 m; 1; wes; Ježek 2004; Ježek et al. 2020.
***Jungiella* (*Parajungiella*) *serbica* (Krek, 1985)** – B3, O62; 200-300 m; 1; e; Ježek et al. 2020.
***Jungiella* (*Jungiella*) *bohemica* Jezek, 1979** – O62, R1, R2; 200-712 m; 1, 2; csee; Ježek et al. 2020.
***Jungiella* (*Jungiella*) *hygrophila* Jezek, 1983** – P2, B1; 620-1687 m; 1, 2, 3, 4; e; Ježek et al. 2020.
***Jungiella* (*Jungiella*) *soleata* (Walker, 1856)** – B1; 620-1295 m; 1, 2, 3; ei; Ježek et al. 2020.
***Jungiella* (*Jungiella*) *valachica* (Vaillant, 1963)** – B1, B2; 600-1687 m; 1, 2, 3, 4; e; Vaillant & Joost 1983; Wagner 2018; Ježek et al. 2020.
***Jungiella* (*Psychocha*) *acuminata* (Szabó, 1960)** – P2, B2, T31; 200-827 m; 1, 2; e; Wagner & Joost 1988; Wagner 2013, 2018; Ježek et al. 2020.
***Jungiella* (*Psychocha*) *furcillata* Krek, 1979** – T11; 200-400 m; 1; Eb, ? see; Wagner & Joost 1988; Wagner 2013, 2018; Ježek et al. 2020.
***Jungiella* (*Psychocha*) *laminata* (Szabó, 1960)** – P2, B2, B3; 457-827 m; 1, 2; csee; Ježek et al. 2020.
***Jungiella* (*Psychocha*) *monikae* Wagner & Joost, 1986** – ♠; Ebg; Wagner 2013; 2018; Ježek et al. 2020.
***Jungiella* (*Psychocha*) *procera* Krek, 1971** – P2, B2, B3; 489-827 m; 1, 2; csee; Ježek et al. 2020.
***Jungiella* (*Psychocha*) *stranzica* Wagner & Joost, 1988** [*J.* (*Psychocha*) *ripicola* (Bellier, 1967)] – P2, B1, B2, B3, T11, T31, O62, R1, R2, RW; 200-983 m; 1, 2; Ebg; Ježek 2004; Wagner 2013, 2018; Ježek et al. 2020.
***Lepiseodina rothschildi* (Eaton, 1912)** – P2; 457 m; 1; e; Ježek et al. 2020.
***Seoda britteni* (Tonnoir, 1940)** – P2, B1; 620-827 m; 1, 2; e; Ježek et al. 2020.
***Seoda morula* (Eaton, 1893)** – B2; 828 m; 2; e; Ježek et al. 2020.
***Telmatoscopus bosnicus* (Krek, 1977)** – R1, RW; 1050-1270 m; 3; Eb, ? see; Wagner & Joost 1988; Wagner 2013.
***Peripsychoda auriculata* (Curtis, 1839)** – P2, T31; 200-457 m; 1; e; Wagner & Joost 1988; Wagner 2013, 2018; Ježek et al. 2020.
***Peripsychoda fusca* (Macquart, 1826)** – P2, B1, B2, B3, O62; 200-827 m; 1, 2; e; Ježek et al. 2020.
***Threticus incurvus* Krek, 1972** – RW; 1270 m; 3; e; Wagner & Joost 1988; Wagner 2013, 2018; Ježek et al. 2020.
***Threticus optabilis* Krek, 1971** – R1; 1327 m; 3; Eb; Ježek et al. 2020.
***Trichopsychoda hirtella* (Tonnoir, 1919)** – P2, B1, B2; 500-797 m; 1, 2; e; Ježek et al. 2020.
***Feuerborniella obscura* (Tonnoir, 1919)** – B1, B2; 620-827 m; 1, 2; e; Ježek et al. 2020.
***Philosepedon* (*Philosepedon humerale* (Meigen, 1818)** – V1; 580-600 m; 1, 2; ena; Nedelkov 1912; Ježek & Goutner 1995; Ježek et al. 2020.

Trichoceridae (Petauristidae)

***Trichocera* (*Metatrichocera*) *forcipula* Nielsen, 1920** – B2; 1230 m; 3; e; Dahl 1992; Kolcsár et al. 2017.
***Trichocera* (*Metatrichocera*) *unica* Kolcsár, 1917** – B2, S23; 620-900 m; 2; Ebg; Kolcsár et al. 2017.
***Trichocera* (*Trichocera*) *hiemalis* (De Geer, 1776)** [*Petaurista*] – V1, V4, R1; 650-2000 m; 2, 3, 4; h; Czerný 1930; Hubenov 2018.
? ***Trichocera* (*Trichocera*) *japonica* Matsumura, 1915** – ♠; h, ? bm; Dahl 1992.
***Trichocera* (*Saltrichocera*) *parva* Meigen, 1804** – ♠; e, ? h; Dahl 1992.
***Trichocera* (*Saltrichocera*) *regelationis* (Linnaeus, 1758)** – V1, S21, RW, BS; 0-1330 m; 1, 2, 3; des, i, h; troglox-ene; Manolov 1907; Nedelkov 1912; Czerný 1930; Guéorguiev & Beron 1962; Beron 2015.
***Trichocera* (*Saltrichocera*) *saltator* (Harris, 1776)** – ♠; des, ? h; Dahl 1992.

Anisopodidae (Rhyphidae, Phryneidae)

***Sylvicola* (*Sylvicola*) *cinctus* (Fabricius, 1787)** – S23, WR; 292-1185 m; 1, 2, 3; ena, ? wp, ? h; Popova 2006; Dvořák et al. 2019.
***Sylvicola* (*Sylvicola*) *fenestralis* (Scopoli, 1763)** – V1; 600-650 m; 2; e, ? ho; Nedelkov 1912.
***Sylvicola* (*Anisopus*) *punctatus* (Fabricius, 1787)** – V1; 600-650 m; 2; e, ? h; Nedelkov 1912.

Scatopsidae

***Colobostema nigripenne* (Meigen, 1830)** [*Scatopse bureschiana* (Enderlein, 1926)] – R1; 1500 m; 3; ena; Enderlein 1926; Buresch 1928, 1930; Josifov 1957.
***Reichertella pulicaria* (Loew, 1846)** [*Scatopse*] – V1; 550-600 m; 1; e; Nedelkov 1912.
***Scatopse notata* (Linnaeus, 1758)** – V1, TL; 250-600 m; 1; ha, ? k; Nedelkov 1912.
***Coboldia fuscipes* (Meigen, 1830)** – DW; 30-40 m; 1; hpta, sk; Szilády 1934.

Ptychopteridae (Liriopidae)

***Ptychoptera* (*Ptychoptera*) *albimana* (Fabricius, 1787)** – R2, 500 m; 1; h; Bechev 1991b.
***Ptychoptera* (*Ptychoptera*) *contaminata* (Linnaeus, 1758)** – TL, RW; 190-950 m; 1, 2; h; Bechev 1991b; Popova 2006.
***Ptychoptera* (*Paraptychoptera*) *lacustris* Meigen, 1830** – B1; 770; 2; e, ? h; Bechev 1991b.
***Ptychoptera* (*Paraptychoptera*) *longicauda* (Tonnoir, 1919)** – T31; 300 m; 1; e; Bechev 1991b.
***Ptychoptera* (*Ptychoptera*) *scutellaris* Meigen, 1818** – R1; 2100 m; 4; h; Bechev 1991b.

Culicomorpha

Dixidae

***Dixa maculata* Meigen, 1818** – B2; 390-500 m; 1; e, ? ena; Arndt 1943.
***Dixa submaculata* Edwards, 1920** – R5; 500-800 m; 1, 2; e, ? ean; Varadinova et al. 2013.

Chaoboridae

***Chaoborus* (*Chaoborus*) *crystallinus* (De Geer, 1776)** [*Corethra plumicornis* (Fabricius, 1787)] – DW, E1, E2, V1, RW, BN; 0-1423 m; 1, 2, 3; h; Chichkoff & Konsuloff 1914; Kovachev & Stoichev 1996; Stoichev 1998; Kovachev et al. 1999; Uzunov et al. 2001; Varadinova et al. 2011, 2012; Pavlova et al. 2012; Trichkova et al. 2013.

Culicidae

***Anopheles* (*Anopheles*) *algeriensis* Theobald, 1903** – P1, B1, O62, BN; 80-350 m; 1; mwca, ? wp; ? Drenowsky 1929; Drensky 1949, 1950, 1958; Dimchev et al. 1962; Avlavidov 1970; Christova 1980; Minář 1990; Bozhkov 1991; Mikov 2005.
***Anopheles* (*Anopheles*) *atroparvus* van Thiel, 1927** [*A. maculipennis* var. *atroparvus* van Thiel, 1927] – ▲; DW, DM, E1, E2, BN; 0-200 m; 1; ewca; Markov 1937; Drensky 1939a, 1949, 1950, 1958; Slivenski 1946; Avlavidov 1947, 1970; Boychev 1950b; Dimtchev et al. 1960, 1962; Bozhkov 1966a, 1991; Christova 1980; Minář 1990; Mikov 2005; Kutsarov 2006.
***Anopheles* (*Anopheles*) *claviger* (Meigen, 1804)** [*A. bifurcatus* Linnaeus, 1758] – DM, P3, B1, B2, B3, V1, V4, K9, TL, O61, O62; T2; T31, R5, RW, RE, BN, BS; 0-1300 m; 1, 2, 3; wcp; Chichkoff & Konsuloff 1914; Konsuloff 1921, 1922a, 1922b; Markov 1925a, 1925b, 1929, 1937; Drenowsky 1929; Drensky 1931a, 1931b, 1932a; Slivenski 1935, 1956; Avlavidov 1947, 1959; Kozarov 1949; Drensky 1949, 1950, 1958; Paspalev 1950, 1951; Bozhkov 1961, 1967, 1974, 1991; Dimtchev et al. 1962; Bozhkov et al. 1969; Christova & Todorova 1969; Christova et al. 1971; Russev & Janeva 1975; Beron 2004; Mikov 2005, 2008a, 2008b; Beschovski 2006; Agushev 2014, 2018; Agushev & Bileva 2014.
***Anopheles* (*Anopheles*) *hyrcanus* (Pallas, 1771)** [*A. hyrcanus* var. *pseudopictus* Grassi, 1900; *Myzorhynchus sinensis* Wiedemann, 1828; *M. pseudopictus* (Grassi, 1900)] – DW, DM, E1, E2, P1, O62, TL; 10-200 m; 1; spo; Chichkoff & Konsuloff 1914; Konsuloff 1921a, 1921b, 1922a, 1922c; Markov 1925a, 1929, 1937; Drenowsky 1929; Drensky 1931a; Slivenski 1935, 1946; Drensky 1949, 1950, 1958; Boychev 1950b; Dimtchev et al. 1962; Dorovski 1976; Bozhkov 1991; Mikov 2005; Kutsarov 2006; Agushev 2014, 2018; Agushev & Bileva 2014.

? *Anopheles* (*Anopheles*) *labranchiae* Falleroni, 1926 [*A. maculipennis* var. *labranchiae* Falleroni, 1926] – O62; 65-150 m; 1; hom; Markov 1937; Drensky 1939a, 1949, 1950, 1958; Schaffner et al. 2001.

***Anopheles* (*Anopheles*) *maculipennis* Meigen, 1818** – ▲; DW, DM, E1, E2, B1, B2, B3, K9, V1, V4, S1, TL, T1, T2, T3, O62, T31, R1, R5, RW, RE, BN, BS; 0-2190 m; 1, 2, 3, 4; wcp; Manolov 1907, 1909a, 1909b; Theobald 1910; Nedelkov 1912; Chichkoff & Konsuloff 1914; Konsuloff 1921a, 1922a, 1922b, 1922c, 1923a; Markov 1925a, 1925b, 1929, 1937; Drenowsky 1929; Markov & Morov 1929; Drensky 1931a; Drensky 1939a, 1949, 1950, 1958; Arndt 1943; Slivenski 1946; Avlavidov 1947, 1948, 1958, 1959, 1961; Kozarov 1949; Boychev 1950b; Paspalev 1950, 1951; Bozhkov 1953, 1957, 1961, 1962, 1965, 1966b, 1991; Kozarov & Bozhkov 1953; Stefanov 1955, 1956; Dimov 1957; Marinov 1957; Kovchazov 1958, 1961, 1976; Atanassov & Christova 1960; Atanassov & Petrov 1961; Dimtchev et al. 1962; Atanassov et al. 1962; Russev & Janeva 1975; Mikov 2005, 2008a, 2011; Beron 2004; Beschovski 2006; Kutsarov 2006; Mikov et al. 2011; Agushev 2012, 2014, 2015, 2018; Agushev & Bileva 2014.

***Anopheles* (*Anopheles*) *marteri* Senevet & Prunelle, 1927** – O62, O5; 100-200 m; 1; mwca, ? mit; Drensky 1949, 1950, 1958; Christova 1980; Minář 1990; Bozhkov 1991; Mikov 2005.

***Anopheles* (*Anopheles*) *melanoon* Hackett, 1934** [*A. maculipennis* var. *melanoon* Hackett, 1934] – DM, E1, E2, O62, RE, BS; 20-250 m; 1; nmi; Markov 1937; Drensky 1939a, 1949, 1950, 1958; Paspalev 1950, 1951; Dimchev et al. 1962; Dorovski 1976; Christova 1980; Mikov 2005, 2008a.

***Anopheles* (*Anopheles*) *messeae* Falleroni, 1926** [*A. maculipennis* var. *messeae* Falleroni, 1926] – ▲; DW, DM, E1, E2, V1, TL, T2, O62, RW, RE, BS; 0-800 m; 1, 2; esanca; Konsuloff 1921b; Markov 1937; Drensky 1939a, 1949, 1950, 1958; Slivenski 1946; Boychev 1950b; Paspalev 1950, 1951; Bozhkov 1953, 1961, 1991; Stefanov 1956; Dimchev et al. 1962; Mikov 2005, 2008; Kutsarov 2006; Agushev 2014, 2015, 2018; Agushev & Bileva 2014.

***Anopheles* (*Anopheles*) *plumbeus* Stephens, 1828** – DM, P2, B1, B2, B3, V4, O62, BN, BS; 0-1200 m; 1, 2, 3; wp; ? Drenowsky 1929; Drensky 1949, 1950, 1958; Dimchev et al. 1962; Bozhkov 1966a, 1967, 1974, 1991; Bozhkov et al. 1969; Christova et al. 1971; Christova & Bozhkov 1977; Mikov 2005.

***Anopheles* (*Anopheles*) *sacharovi* Favre, 1903** [*A. maculipennis* var. *sacharovi* Favre, 1903] – ▲; DW, DM, E1, E2, TL, T1, T2, O61, RE, BN, BS; 0-500 m; 1; mwca; Markov 1929, 1937; Markov & Morov 1929; Slivenski 1935, 1946; Drensky 1939a, 1949, 1950, 1958; Avlavidov 1947, 1948, 1959, 1961; Bozhkov 1961, 1991; Atanassov & Christova 1960; Atanassov et al. 1962; Mikov 2005, 2008.

***Anopheles* (*Cellia*) *superpictus* Grassi, 1899** [*A.* (*Myzomyia*) *superpictus* Grassi, 1899] – ▲; DW, P1, B3, S1, TL, T1, T2, T3, O61, O62, R5, RE; 100-500 m; 1; swpo; Konsuloff 1921a, 1922a, 1923a; Markov 1925a, 1925b, 1929, 1937, 1950; Drenowsky 1929; Markov & Morov 1929; Slivenski 1935, 1940, 1946; Avlavidov 1947, 1948; Paspalev 1950, 1951; Drensky 1949, 1950, 1958; Kozarov 1949; Boychev 1950b; Mondchadskiy 1951; Stefanov 1955; Bozhkov 1961, 1991; Russev & Janeva 1975; Christova 1980; Minář 1990; Beron 2004; Mikov 2005; Beschovski 2006; Agushev 2014, 2015, 2018; Agushev & Bileva 2014.

***Uranotaenia* (*Pseudoficalbia*) *unguiculata* Edwards, 1913** – DM, V1, TL, O62, BS; 0-600 m; 1; swpo; Drenowsky 1929; Bozhkov et al. 1969; Bozhkov 1991; Christova et al. 1971; Dorovski 1976; Agushev 2014, 2015, 2018; Agushev & Bileva 2014.

***Orthopodomyia pulcripalpis* (Rondani, 1872)** – O62, BN, BS; 0-300 m; 1; eanna; Dimov 1959; Bozhkov et al. 1969; Christova et al. 1971; Christova & Bozhkov 1977; Bozhkov 1991.

***Culiseta* (*Culiseta*) *alaskaensis* (Ludlow, 1906)** – TL; 150-160 m; 1; h; Christova et al. 2000; Agushev 2012.

***Culiseta* (*Culiseta*) *annulata* (Schrank, 1776)** [*Theobaldia*] – ▲; DW, DM, E1, E2, B1, V1, S22, TL, O62, R1, R5, RW, BN, BS; 0-1400 m; 1, 2, 3; wp; Nedelkov 1909, 1912; Theobald 1910; Chichkoff & Konsuloff 1914; Konsuloff 1922b; Drenowsky 1929a, 1929b; Bozhkov 1958, 1959, 1961, 1962, 1965, 1967, 1991; Bozhkov et al. 1969; Christova & Todorova 1969; Christova et al. 1971; Christova & Dorovski 1972; Russev & Janeva 1975; Dorovski 1976; Beschovski 2006; Kutsarov 2006; Mikov 2011; Agushev 2012, 2015, 2018.

***Culiseta* (*Culiseta*) *glaphyroptera* (Schiner, 1864)** [*Theobaldia*] – TL, R1; 150-1400 m; 1, 2, 3; e; Bozhkov 1958, 1959, 1991; Beron 1969; Agushev 2014, 2015, 2018; Agushev & Bileva 2014.

***Culiseta* (*Culicella*) *fumipennis* (Stephens, 1825)** [*Theobaldia*; *C. setivalva* Maslov, 1936] – O62, BS; 0-150 m; 1; wp; Drenowsky 1929a; Christova & Bozhkov 1966; Bozhkov et al. 1969; Christova et al. 1971; Bozhkov 1991.

***Culiseta* (*Culicella*) *morsitans* (Theobald, 1901)** [*Theobaldia*] – TL, BN, BS; 0-160 m; 1; h; Christova & Bozhkov 1966; Christova et al. 1971; Bozhkov 1991; Agushev 2014, 2015; Agushev & Bileva 2014.

***Culiseta* (*Allotheobaldia*) *longiareolata* (Macquart, 1838)** [*Theobaldia*] – V1, S23, TL, O62, BN, BS; 0-600 m; 1, 2; ppt; Drenowsky 1929a; Bozhkov 1958, 1962, 1965, 1991; Agushev 2012, 2014, 2015; Agushev & Bileva 2014, 2018.

***Coquillettidia* (*Coquillettidia*) *richiardii* (Ficalbi, 1889)** [*Mansonia*] – ▲; DW, DM, E1, E2, BN, BS; 0-250 m; 1; wp; Chichkoff & Konsuloff 1914; Mondchadskiy 1951; Bozhkov & Christova 1965; Bozhkov et al. 1969; Dorovski 1976; Bozhkov 1991; Kutsarov 2006; Mikov et al. 2011.

***Aedes* (*Stegomyia*) *albopictus* (Skuse, 1894)** – ▲; P1, TL, O61, BN, BS; 0-400 m; 1; sk, i; Mikov et al. 2013; Agushev 2015, 2018; Medlock et al. 2015.

***Aedes* (*Aedes*) *cinereus* Meigen, 1818** – DW, DM, E1, E2, TL, BS; 0-160 m; 1; h; Theobald 1907, 1910; Chichkoff & Konsuloff 1914; Manolov 1907; Bozhkov 1961, 1991; Bozhkov & Christova 1965; Christova & Dorovski 1972; Dorovski 1976; Kutsarov 2006; Mikov 2011; Agushev 2014, 2015, 2018; Agushev & Bileva 2014.

***Aedes* (*Aedimorphus*) *vexans* (Meigen, 1830)** – DW, DM, E1, E2, P1, B1, V1, TL, O62, BN, BS; 0-600 m; 1, 2; hpta; Chichkoff & Konsuloff 1914; Drenowsky 1929a; Bozhkov 1962, 1965, 1967, 1991; Bozhkov & Christova 1965; Christova & Todorova 1969; Bozhkov et al. 1969; Christova et al. 1971; Dorovski 1976; Kutsarov 2006; Mikov et al. 2011; Agushev & Bileva 2014; Agushev 2015, 2018.

***Aedes* (*Ochlerotatus*) *annulipes* (Meigen, 1830)** [*Ochlerotatus*] – DW, DM, E1, E2, V1, BN, BS; 0-700 m; 1, 2; ean; Nedelkov 1912; Chichkoff & Konsuloff 1914; Bozhkov et al. 1969; Christova et al. 1971; Bozhkov 1991; Kutsarov 2006.

***Aedes* (*Ochlerotatus*) *cantans* (Meigen, 1818)** [*Ochlerotatus*] – ▲; DW, DM, E1, E2, O62, BN, BS; 0-150 m; 1; h; Drenowsky 1929a; Bozhkov et al. 1969; Christova et al. 1971; Bozhkov 1991; Cutsarov 2006; Mikov 2011.

***Aedes* (*Ochlerotatus*) *caspius* (Pallas, 1771)** [*Ochlerotatus*] – ▲; DM, P2, V1, TL, O62, RW, BN, BS; 0-750 m; 1, 2; hop, ? h; Caspers 1951; Bozhkov 1961, 1962, 1965, 1974a, 1974b, 1991; Christova & Todorova 1969; Bozhkov et al. 1969; Dorovski 1976; Beschovski 2006; Mikov 2011; Agushev & Bileva 2014; Agushev 2015, 2018.

***Aedes* (*Ochlerotatus*) *cataphylla* (Dyar, 1916)** – B1, TL; 150-1500 m; 1, 2, 3; h; Bozhkov 1967, 1991; Agushev 2014, 2015, 2018; Agushev & Bileva 2014.

***Aedes* (*Ochlerotatus*) *communis* (De Geer, 1776)** – ▲; DW, DM, E1, E2, V4, R1, BS; 0-1450 m; 1, 2, 3; h; Theobald 1907, 1910; Chichkoff & Konsuloff 1914; Bozhkov 1959, 1961, 1966b, 1991; Bozhkov & Christova 1965; Cutsarov 2006.

***Aedes* (*Ochlerotatus*) *detritus* (Haliday, 1833)** – BN, BS; 0-50 m; 1; tp; Christova & Bozhkov 1966; Bozhkov et al. 1969; Christova et al. 1971; Bozhkov 1991.

***Aedes* (*Ochlerotatus*) *dorsalis* (Meigen, 1830)** – DM, E1, E2, K9, V1, O62, BS; 0-600 m; 1, 2; h, ? ho; Manolov 1907; Theobald 1907, 1910; Chichkoff & Konsuloff 1914; Drenowsky 1929a; Mondchadskiy 1951; Bozhkov 1961, 1991; Dorovski 1976.

***Aedes* (*Ochlerotatus*) *excrucians* (Walker, 1856)** – O62; 150 m; 1; h; Drenowsky 1929a; Bozhkov 1991.

***Aedes* (*Ochlerotatus*) *pulcritarsis* (Rondani, 1872)** – B1, B2, BN, BS; 0-1200 m; 1, 2, 3; mwca, ? mit; Dimov 1959; Bozhkov 1967, 1974a, 1991; Bozhkov et al. 1969; Christova et al. 1971.

***Aedes* (*Ochlerotatus*) *pullatus* (Coquillett, 1904)** – V4, R1, RW; 1000-2390 m; 3, 4, 5; h, m; Bozhkov 1959, 1966b, 1991; Kalaydzhiev et al. 1960; Beron 1969; Russev & Janeva 1975; Beschovski 2006.

***Aedes* (*Ochlerotatus*) *punctor* (Kirby, 1837)** – DW, DM, E1, E2, V4, R1; 20-1400 m; 1, 2, 3; h; Bozhkov 1959, 1991; Minarzh & Christova 1971; Kutsarov 2006.

***Aedes* (*Ochlerotatus*) *sticticus* (Meigen, 1838)** – DM, V1, S22, O62, BN; 0-1243 m; 1, 2, 3; h; Chichkoff & Konsuloff 1914; Drenowsky 1929a; Bozhkov 1962, 1991; Bozhkov & Christova 1965; Bozhkov et al. 1969; Christova & Todorova 1969; Christova et al. 1971; Dorovski 1976.

***Aedes* (*Rusticoidus*) *rusticus* (Rossi, 1790)** [*A. maculatus* (Meigem, 1804)] – V1, S21, TL, O62, BN, BS; 0-700 m; 1, 2; eanna; Chichkoff & Konsuloff 1914; Drenowsky 1929a; Bozhkov 1962, 1991; Bozhkov & Christova 1965; Bozhkov et al. 1969; Christova et al. 1971; Agushev & Bileva 2014; Agushev 2015, 2018.

***Aedes* (*Finlaya*) *echinus* Edwards, 1920** – BN, BS; 0-20 m; 1; hom; Dimov 1959; Bozhkov et al. 1969; Christova et al. 1971; Bozhkov 1991.

***Aedes* (*Finlaya*) *geniculatus* (Olivier, 1791)** – DM, B1, B2, B3, V1, V4, TL, T1, T31, O62, R1, RW, BN, BS; 0-1700 m; 1, 2, 3; wp; Drenowsky 1929a; Bozhkov 1959, 1961, 1962, 1965, 1966b, 1967, 1974a, 1974b, 1991; Bozhkov et al. 1969; Christova et al. 1971; Christova & Dorovski 1972; Dorovski 1976; Christova & Bozhkov 1977; Beschovski 2006.

***Culex* (*Culex*) *mimeticus* Noè, 1899** – O62; 150-160 m; 1; spo; Drenowsky 1929a, 1929b; Markov & Morov 1929; Bozhkov 1991.

***Culex* (*Culex*) *perexiguus* Theobald, 1903** [? *Culex univittatus* Theobald, 1901] – O62; 100-150 m; 1; atm; Drenowsky 1929a; Bozhkov 1991.

***Culex* (*Culex*) *pipiens* Linnaeus, 1758** [*C. pipiens* var. *ciliaris* Linnaeus, 1758; *C. pipiens* var. *molestus* Forskål, 1775] – ▲; ♦; DW, DM, E1, E2, P2, B1, B2, B3, V1, V4, S22, S23, TL, T1, T31, O62, R1, RW, BN, BS; 0-2100 m; 1, 2, 3, 4; sk; trogloxene; Meunier 1897; Joakimoff 1899; Kovachev 1905; Manolov 1907; Nedelkov 1909, 1912; Chichkoff & Konsuloff 1914; Konsuloff 1922b; Drenowsky 1929a; 1929b; Markov & Morov 1929; Czerný 1930; Slivenski 1935, 1946; Drensky 1942; Caspers 1951; Bozhkov 1959, 1961, 1962, 1965, 1966b, 1991; Kalaydzhiev et al. 1960; Guéorguiev & Beron 1962; Bozhkov & Christova 1965; Russev 1966; Bozhkov et al. 1969; Christova & Todorova 1969; Dorovski 1976; Beron 1994, 2015; Janeva & Russev 1997; Kutsarov 2006; Mikov 2011; Agushev 2012, 2014, 2015, 2018; Agushev & Bileva 2014.

***Culex* (*Culex*) *theileri* Theobald, 1903** – DM, B1, V1, V4, S23, TL, O62, BS; 0-1450 m; 1, 2, 3; sppt; Chichkoff & Konsuloff 1914; Drenowsky 1929a; 1929b; Bozhkov 1961, 1965, 1966b, 1967, 1991; Russev 1966; Bozhkov et al. 1969; Christova & Todorova 1969; Christova et al. 1971, 1972; Christova & Dorovski 1972; Dorovski 1976; Christova & Bozhkov 1977; Agushev 2015.

***Culex* (*Culex*) *torrentium* Martini, 1925** – TL; 150-160 m; 1; eswa; Agushev & Bileva 2014; Agushev 2015, 2018.

***Culex* (*Barraudius*) *modestus* Ficalbi, 1890** – ▲; DW, DM, E1, E2, V1, TL; BN, BS; 0-600 m; 1; tp, ? wcp; Christova & Todorova 1969; Bozhkov et al. 1969; Christova et al. 1971, 1972; Christova & Dorovski 1972; Dorovski 1976; Bozhkov 1991; Kutsarov 2006; Mikov 2011.

***Culex* (*Neoculex*) *territans* Walker, 1856** [*C. sergentii* Theobald, 1903; *C. apicalis* Adams, 1903] – DW, DM, E2, P1, V1, TL; T3, T31, O62, R5, BN, BS; 0-600 m; 1, 2; h; Chichkoff & Konsuloff 1914; Drenowsky 1929a; 1929b; Arndt 1943; Bozhkov 1961, 1962, 1965, 1967, 1991; Russev 1966; Bozhkov et al. 1969; Christova et al. 1971, 1972; Dorovski 1976; Beschovski 2006; Kutsarov 2006; Agushev 2014, 2015, 2018; Agushev & Bileva 2014.

***Culex* (*Maillotia*) *hortensis* Ficalbi, 1889** – DW, E1, E2, V1, S23, T31, O62, R1, RW, BN, BS; 0-1390 m; 1, 2, 3; swpo; Chichkoff & Konsuloff 1914; Drenowsky 1929a; 1929b; Bozhkov 1959, 1961, 1965, 1966b, 1967, 1991; Christova & Todorova 1969; Bozhkov et al. 1969; Christova et al. 1971, 1972; Russev & Janeva 1975; Dorovski 1976; Beschovski 2006; Kutsarov 2006.

Thaumaleidae

***Thaumalea bezzii* Edwards, 1929** – R1; 660 m; 1, 2; e; Joost 1978.

***Thaumalea popovi* Joost, 1978** – B2; 1600 m; 3; Ebg; Joost 1978.

***Thaumalea testacea* Ruthe, 1831** [*Orphnephila*] – V4; 700-1350 m; 2, 3; e; Arndt 1943.

***Androprosopa larvata* (Mik, 1888)** – R1; 4; e; Joost 1978.

Simuliidae

***Prosimulium* (*Prosimulium*) *fulvipes* (Edwards, 1921)** [*P. rufipes* var. *fulvipes* (Edwards, 1921)] – V4, R1, RW; 920-2400 m; 2, 3, 4; 5; cseean, ? des; Enderlein 1924; Konsuloff & Paspalev 1925; Buresch 1938, 1953a; Russev et al. 1994; Kovachev 1976, 1985c, 2000; Adler & Crosskey 2018.

***Prosimulium* (*Prosimulium*) *hirtipes* (Fries, 1824)** – DM, P2, B1, B2, V4, R1, RW; 430-2450 m; 2, 3, 4, 5; tes; Nedelkov 1912; Russev 1961; Kovachev 1975, 1976, 1985a, 1985c, 2000; Uzunov et al. 1981, 2011; Janeva 1987, 1989; Russev et al. 1994; Janeva & Russev 1997; Beschovski 2006; Sakelarieva et al. 2008; Moskova & Uzunov 2011; Varadinova et al. 2013.

***Prosimulium* (*Prosimulium*) *latimucro* (Enderlein, 1925)** – B1, V4, R1, RW; 620-2400 m; 2, 3, 4, 5; ena, ? e; Kovachev 1976, 1979, 1985a, 1985c, 1990, 2000; Uzunov et al. 1981, 2011; Islam et al. 1986; Russev et al. 1994; Varadinova et al. 2013; Adler & Crosskey 2018.

***Prosimulium* (*Prosimulium*) *petrosum* Rubtsov, 1955** – V4, R1; 1100-2235 m; 3, 4, 5; em, mm; Kovachev 1973, 1990, 2000; Adler & Crosskey 2018.

***Prosimulium* (*Prosimulium*) *rachiliense* Djafarov, 1954** – B1; 1200-1400 m; 3; seeanna; Kovachev 1969; Adler & Crosskey 2018.

***Prosimulium* (*Prosimulium*) *rufipes* (Meigen, 1830)** [*P. conistylum* Rubtsov, 1956; *P. fuscipes* Knoz, 1965] – B2, V4, O1, O6, R1, R2; RW; 650-2300 m; 2, 3, 4, 5; eanna; Enderlein 1924; Konsuloff & Paspalev 1925; Buresch 1938; Russev 1961; Kovachev 1975, 1976, 1979, 1985a, 1985c, 1990, 2000; Uzunov et al. 1981, 2011; Russev et al. 1984b, 1994; Islam et al. 1986; Beschovski 2006; Varadinova et al. 2013; Adler & Crosskey 2018.

***Prosimulium* (*Prosimulium*) *tomosvaryi* (Enderlein, 1921)** [*P. arvernense* (Grenier, 1947); *P. duodecimfiliatum* Rubtsov, 1955; *P. nigripes* (Enderlein, 1925); *P. balcanicum* Enderlein, 1929] – DM, P2, B1, V1, V3, V4, V5, S211, O62, R1, RW; 50-2000 m; 2, 3, 4; des, ? dp; Enderlein 1930; Rubtsov 1956; Russev 1961, 1977; Kovachev 1969, 1975, 1976, 1979, 1985c, 1990, 2000; Janeva & Russev 1985; Islam et al. 1986; Janeva 1989; Beschovski 2006; Uzunov et al. 2011; Varadinova et al. 2013; Adler & Crosskey 2018.

***Stegopterna trigonium* (Lundström, 1911)** [*S. freyi* (Enderlein, 1929)] – RE; 170 m; 1; h; Kovachev 1969.

***Metacnephia* lyra (Lundstrom, 1911)** [*M. trigonia* Rubtsov, 1956] – ♠; wces; Russev et al. 1976.

***Metacnephia uzunovi* Kovachev, 1985** – T31; 60-200 m; 1; Er; Kovachev 1985b; Adler & Crosskey 2018.

***Simulium* (*Nevermannia*) *angustatum* (Rubtsov, 1956)** [*Cnetha*] – ♠; des; Russev et al. 1976, 1994.

***Simulium* (*Nevermannia*) *angustitarse* (Lundström, 1911)** [*Chelocnetha*; *Eusimulium*] – V4, TV, R1, RW; 750-1700 m; 2, 3, 4; wcp; Kovachev 1975, 1976, 1979, 1990, 2000; Russev et al. 1976, 1994; Islam et al. 1986; Beschovski 2006.

***Simulium* (*Nevermannia*) *beltukovae* (Rubtsov, 1956)** [*S. carpathicum* (Knoz, 1961); *Cnetha*; *Eusimulus*] – B1, B2, V4, R, R2, RW; 400-2000 m; 2, 3, 4; wces; Kovachev 1975, 1976, 1979, 1990, 2000; Russev et al. 1976, 1994; Beschovski 2006.

***Simulium* (*Nevermannia*) *bertrandi* Grenier & Dorier, 1959** [*Cnetha*] – R1, R2; 620-2300 m; 2, 3, 4, 5; e; Kovachev 1976, 1985a, 2000; Russev et al. 1976; Uzunov et al. 1981; Adler & Crosskey 2018.

***Simulium* (*Nevermannia*) *brevidens* (Rubtsov, 1956)** [*Cnetha*; *Eusimulium*] – DM, P2, B1, B2, V4, R1, RW; 450-2350 m; 2, 3, 4, 5; ena; Kovachev 1975, 1976, 1979, 1985a, 1985c, 1990, 2000; Russev et al. 1976; Janeva & Russev 1985, 1997; Janeva 1987; Russev et al. 1994; Beschovski 2006; Uzunov et al. 2011; Varadinova et al. 2013.

***Simulium* (*Nevermannia*) *carthusiense* Grenier & Dorier, 1959** [*Cnetha*; *Eusimulum*] – V4, R1, RW; 620-2300 m; 2, 3, 4, 5; ena; Kovachev 1975, 1979, 1985a, 1990, 2000; Russev et al. 1976, 1994; Uzunov et al. 1981; Beschovski 2006.

***Simulium* (*Nevermannia*) *codreanui* (Sherban, 1958)** [*Cnetha*; *Eusimulum*] – DM, P2, B1, B2; V4, R1, R2, RW; 890-2150 m; 2, 3, 4, 5; ean; Kovachev 1975, 1976, 1979, 1985a, 1085c, 1990, 2000; Russev et al. 1976, 1994; Uzunov et al. 1981; Janeva & Russev 1997; Beschovski 2006; Sakelarieva et al. 2008; Uzunov et al. 2011; Varadinova et al. 2013; Adler & Crosskey 2018.

***Simulium* (*Nevermannia*) *costatum* Friederichs, 1920** [Cnetha] – V4, R1; 780-2300 m; 2, 3, 4, 5; eanna; Kovachev 1976, 1990, 2000; Russev et al. 1976, 1994; Adler & Crosskey 2018.

***Simulium* (*Nevermannia*) *crenobium* (Knoz, 1961)** [*Cnetha*] – R1; 1400-2200 m; 3, 4, 5; csee; Kovachev 1976, 1979, 2000; Russev et al. 1976, 1994.

***Simulium* (*Nevermannia*) *cryophilum* (Rubtsov, 1959)** [*Cnetha*; *Eusimulium couverti* Rubtsov, 1964] – P2, B1, B2, V4, O1, R1, R2, RW; 620-2200 m; 2, 3, 4, 5; eanna; Kovachev 1975, 1976, 1979, 1985a, 1985c, 2000; Islam et al. 1986; Janeva 1987; Russev et al. 1976, 1994; Russev 1977; Uzunov et al. 1981; Beschovski 2006; Uzunov et al. 2011; Varadinova et al. 2013; Adler & Crosskey 2018.

***Simulium* (*Nevermannia*) *curvans* (Rubtsov & Carlsson, 1965)** [*Eusimulium pygmaeum pungens*: Rubtsov, 1956, not Meigen; *Cnetha*] – R1; 1200-2100 m; 3, 4, 5; hoes, bm; Kovachev 1969, 1973, 1976, 2000.

? *Simulium* (*Nevermannia*) *delizhanensis* (Rubzov, 1955) [*Chelocnetha*] – ♠; ? see; Russev et al. 1976.

***Simulium* (*Nevermannia*) *lundstromi* (Enderlein, 1921)** [*Chelocnetha latigonium* (Rubtsov, 1956); *Eusimulium*] – P1, P2, B1, V4, O62, R1, RW; 70-2000 m; 1, 2, 3, 4; wp; Enderlein 1924; Konsuloff & Paspalev 1925; Buresch 1938; Kovachev 1975, 1976, 1985a, 1990, 2000; Russev 1977; Uzunov et al. 1981; Islam et al. 1986; Russev et al. 1994; Beschovski 2006; Adler & Crosskey 2018.

***Simulium* (*Nevermannia*) *vernum* Macquart, 1826** – V5, R1; 620-890 m; 2; tp; Russev et al. 1976; Uzunov et al. 1981; Kovachev 1985a; Varadinova et al. 2013.

***Simulium* (*Hellichiella*) *latipes* (Meigen, 1804)** [*Cnetha*; *C. verna* (Macquart, 1826); *Eusimulium*] – V1, V4, R1, R2, RW; 600-2070 m; 2, 3, 4, 5; tp; Nedelkov 2012; Kovachev 1975, 1976, 1979, 1985a, 1990, 2000; Russev et al. 1994; Beschovski 2006; Moskova & Uzunov 2011; Uzunov et al. 2011; Stoyanova et al. 2013.

***Simulium* (*Byssodon*) *maculatum* (Meigen, 1804)** [*Prosimulium vigintiquaterni* (Enderlein, 1929); *Titanopteryx*) – V1, V4; 600-700 m; 2; h; Nedelkov 2012; Russev 1961.

***Simulium* (*Simulium*) *alajense* Rubtsov, 1938** [*Tetisimulium*] – B1, B2, V1, V3; 400-700 m; 1, 2; emca; Kovachev 1969; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *argenteostriatum* Strobl, 1898** [*Cleitosimulium*; *S. alternans* Enderlein, 1921; *S. schoenbaueri* Enderlein, 1921] – DW, P1, P2, B1, B2, V1, V4, O61, R1, R2, R5, RW; 50-2100 m; 1, 2, 3, 4; csena; Enderlein 1924; Konsuloff & Paspalev 1925; Tschorbadjiew 1925e; Buresch 1938; Kovachev 1969, 1975, 1976, 1979, 1990, 2000; Russev et al. 1976; Islam et al. 1986; Janeva 1987; Russev et al. 1994; Beschovski 2006; Sakelarieva et al. 2008; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *argyreatum* Meigen, 1838** [*Odagmia rheophilum* (Knoz, 1961); *S. obreptans* Edwards, 1920] – DM, P1, P2, B1, B2, V4, TL, O62, R1, R5, RW, RE; 150-2400 m; 1, 2, 3, 4, 5; e; Kovachev 1975, 1976, 1979, 1985a, 1985c, 1990, 2000; Russev et al. 1976, 1994; Uzunov et al. 1981; Islam et al. 1986; Janeva 1987; Janeva & Russev 1997; Janeva et al. 2001; Beschovski 2006; Uzunov et al. 2011; Varadinova et al. 2013; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *baracorne* Smart, 1944** – P1, P2, B2, V4; 400-1000 m; 1, 2, 3; cseet; Kovachev 1969, 1990; Russev et al. 1994; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *bezzii* (Corti, 1914)** [*Cnetha*; *Odagmia*; *Friesia tristrigata* (Enderlein, 1921); *F. tristrigata obscura* (Enderlein, 1924); *Tetisimulium kondici* (Baranov, 1926); *T. crinitum* (Rubtsov, 1956)] – DW, P1, P2, B1, B2, K7, K8, K9, V3, O61, O62, R1, R5, RW, RE; 100-2200 m; 1, 2, 3, 4; wp, ? mvca; Enderlein 1924; Konsuloff & Paspalev 1925; Buresch 1926, 1938; Kovachev 1969, 1975, 1976, 1979, 1985c, 1990, 2000; Russev et al. 1976, 1994; Russev 1977; Islam et al. 1986; Rubtsov & Yankovsky 1988; Janeva 1989; Janeva et al. 2001; Beron 2004; Beschovski 2006; Varadinova et al. 2013; Adler & Crosskey 2018.

Simulium* (*Simulium*) *bukovskii Rubtsov, 1940 [*Gnus*] – RW; 1200 m; 3; seean; Kovachev 1975; Russev et al. 1976; Beschovski 2006; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *colombaschense* (Scopoli, 1780)** – ▲; DW, DM, E1, E2, P1, B1, V1, R1; 30-900 m; 1, 2; cee; Nedelkov 1912; Konsuloff 1923b; Markov 1923; Buresch 1924; Enderlein 1924; Konsuloff & Paspalev 1924; Tschorbadjiew 1925e; Buresch 1938; Russev 1966b; Russev et al. 1976, 1994; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *debacli* Terteryan, 1952** [*Odagmia*] – P1; 120-150 m; 1; seean; Kovachev 1969; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *degrangei* Dorier & Grenier, 1960** [*Gnus*; *Paragnus*] – P1, P2, B1, B2, K8, K9, V4, R1, R2, RW; 430-2200 m; 1, 2, 3, 4; csee, ? cse; Kovachev 1975, 1976, 1979, 2000; Islam et al. 1986; Janeva 1987, 1991; Russev et al. 1976, 1994; Beron 2004; Beschovski 2006; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *deserticola* Rubtsov, 1940** [*Odagmia*] – ♠; seeca; Russev et al. 1994.

***Simulium* (*Simulium*) *desertorum* Rubtsov, 1938** [*Tetisimulium*] – RE; 180-220 m; 1; seeca; Kovachev 1969; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *fontanum* Terteryan, 1952** [*Odagmia*] – ♠; nemi; Russev et al. 1994.

***Simulium* (*Simulium*) *frigidum* Rubtsov, 1940** [*Odagmia*] – ♠; P1, P2; 1; wces; Russev et al. 1976, 1994.

***Simulium* (*Simulium*) *ibariense* Zivkovitch & Grenier, 1959** [*Gnus*] – R1, R5, RW; 460-850 m; 1, 2; cee; Kovachev 1976, 1985c; Russev et al. 1076; Uzunov et al. 2011; Varadinova et al. 2013; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *intermedium* Roubaud, 1906** [*Odagmia ornata* var. *nitidifrons* Edwards, 1920] – DW, DM, P1, P2, B1, V1; 50-600 m; 1, 2; ena; Enderlein, 1924; Konsuloff & Paspalev 1925; Tschorbadjiew 1925e; Buresch 1938; Russev et al. 1987, 1994; Janeva & Russev 1997; Uzunov et al. 2011; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *kerisorum* (Rubtsov, 1956)** [*Tetisimulium*] – RE; 180-220 m; 1; nemwca; Kovachev 1969; Adler & Crosskey 2018.

***Simulium kurense* Rubtsov & Dzhafarov, 1951** – O62, R5; 80-500 m; 1; bct; Kovachev 1976, 1985c; Russev et al. 1976; Islam et al. 1986.

***Simulium* (*Simulium*) *kiritshenkoi* Rubtsov, 1940** [*S. caucasicum* Rubtsov, 1940; *Odagmia*] – P1, P2, S21, S22, RW, RE; 300-1030 m; 1, 2, 3; nemwca; Kovachev 1969, 1975; Russev et al. 1994; Janeva & Bancheva 2002; Beron 2004; Beschovski 2006; Adler & Crosskey 2018.

Simulium* (*Simulium*) *latimentum (Rubtsov, 1956) [*Tetisimulium*] – RE; 200-300 m; 1; esca; Kovachev 1975; Beron 2004.

***Simulium* (*Simulium*) *maximum* (Knoz, 1961)** [*Odagmia*] – P1, P2, B1, V4, R1, R2, RW; 400-2000 m; 1, 2, 3, 4; e, cse; Kovachev 1976, 1979, 1985a, 1985c, 1990, 2000; Russev et al. 1976, 1994; Uzunov et al. 1981; Janeva 1987; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *monticola* Friederichs, 1920** [*Odagmia*] – B1, B2, V4, R1, R2, R5; 600-2200 m; 2, 3, 4, 5; ena; Enderlein 1924; Buresch 1938; Kovachev 1976, 1979, 1985a, 1990, 2000; Russev et al. 1976, 1994; Janeva & Russev 1997; Uzunov et al. 2011; Stoyanova et al. 2013; Varadinova et al. 2013; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *monticoloides* (Rubtsov, 1956)** [*Odagmia*] – ♠; seean; Russev et al. 1976, 1994; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *morsitans* Edwards, 1915** – DW, P1, R1, R5, RW, RE; 100-2000 m; 1, 2, 3, 4; tes; Russev et al. 1976, 1994; Kovachev 1975, 2000; Russev & Janeva 1986; Beron 2004; Beschovski 2006; Uzunov et al. 2011; Varadinova et al. 2013.

***Simulium* (*Simulium*) *noelleri* Friederichs, 1920** [*S. argyreatum*: authors (incl. Rothfels, 1979), not Meigen] – B1, B2, K3, V4, O62, R1, R5, RW; 180-1800 m; 1, 2, 3, 4; h; Kovachev 1985c, 1990, 2000; Islam et al. 1986; Russev et al. 1994; Uzunov et al. 2011; Varadinova et al. 2013.

***Simulium* (*Simulium*) *ornatum* Meigen, 1818** [*Odagmia konsuloffi* (Enderlein, 1924); *S. pratorum* Friederichs, 1920] – DW, DM, E1, E2, P1, P2, P3, B1, B2, K3, K7, K8, V1, V4, V5, S1, S21, S22, S211, O61, O62, R1, R2, R5, RW, RE; 50-1100 m; 1, 2, 3; hop; Enderlein, 1924; Konsuloff & Paspalev 1925; Tschorbadjiew 1925e; Buresch 1926, 1938; Rubtsov 1956; Kovachev 1975, 1976, 1985a, 1985c, 1990; Russev et al. 1976, 1984b, 1987, 1994; Russev 1977; Uzunov et al. 1981; Janeva & Russev 1985, 1989, 1997; Islam et al. 1986; Janeva 1987, 1989, 1991; Rubtsov & Yankovsky 1988; Janeva et al. 2001; Janeva & Bancheva 2002; Beschovski 2006; Kenderov et al. 2008; Sakelarieva et al. 2008; Moskova & Uzunov 2011; Borisova et al. 2013; Stoyanova et al. 2013; Varadinova et al. 2013; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *paramorsitans* Rubtsov, 1956** – ♠; tes; Rubtsov & Yankovsky 1988; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *reptans* (Linnaeus, 1758)** [*S. galeratum* Edwards, 1920; *S. latimanus* Enderlein, 1921; *S. reptans* var. *galeratum* Edwards, 1920] – P1, B1, V1, K3, K7, K8, V4, O62, R1, R5, RW; 400-2000 m; 1, 2, 3, 4; wcp, ? h, hoes; Nedelkov 1912; Enderlein, 1924; Konsuloff & Paspalev 1925; Buresch 1938; Kovachev 1973, 1976, 1979, 1985a, 1985c, 1990, 2000; Russev et al. 1976, 1994; Uzunov et al. 1981, 2011; Islam et al. 1986; Varadinova et al. 2013; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *rotundatum* (Rubtsov, 1956)** [*Odagmia*] – RE; 170-220 m; 1; e; Kovachev 1969; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *simoffi* (Enderlein, 1924)** – DW, P1, B1, V1; 50-600 m; 1, 2; Ebg; Enderlein, 1924; Konsuloff & Paspalev 1925; Tschorbadjiew 1925e; Buresch 1926, 1938; Rubtsov 1956; Russev et al. 1994; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *trifasciatum* Curtis, 1839** [*S. spinosum* Doby & Deblock, 1957; *Odagmia*; *Wilhelmia*] – DW, DM, E1, E2, P1, P2, P3, V4, S1, R1, R2, R5, RW, RE; 100-950 m; 1, 2, 3; eanna; Kovachev 1975, 1976, 1985a, 1985c, 1990; Russev et al. 1976, 1987, 1994; Uzunov et al. 1981; Janeva & Russev 1985, 1997; Islam et al. 1986; Janeva et al. 2001; Beschovski 2006; Uzunov et al. 2011; Borisova et al. 2013; Stoyanova et al. 2013; Varadinova et al. 2013.

***Simulium* (*Simulium*) *tuberosum* (Lundstrom, 1911)** – DM, P2, B2, V4, R1; 300-2300 m; 1, 2, 3, 4, 5; h; Kovachev 1969, 1976, 1985a, 1990, 2000; Russev et al. 1976, 1994; Uzunov et al. 1981; Janeva & Russev 1997; Adler & Crosskey 2018.

***Simulium* (*Simulium*) *variegatum* Meigen, 1818** [*Friesia bulgarica* (Enderlein, 1921); *Odagmia*] – DW, DM, P1, P2, V4, S1, O61, R1, R2, R5, RW, RE; 300-2300 m; 1, 2, 3, 4, 5; wp; Enderlein, 1921; Kovachev 1975, 1976, 1979, 1985a, 1985c, 1990, 2000; Russev et al. 1976, 1994; Russev 1977; Uzunov et al. 1981, 2011; Janeva 1987; Janeva & Russev 1997; Janeva et al. 2001; Janeva & Bancheva 2002; Beron 2004; Beschovski 2006; Sakelarieva et al. 2008; Moskova & Uzunov 2011; Stoyanova et al. 2013; Varadinova et al. 2013; Adler & Crosskey 2018.

? *Simulium* (*Simulium*) *verecundum* Stone & Jamnback, 1955 – B2, V4, R1, R5; 600-2000 m; 3, 4; ? h, bm; Kovachev 1976, 1990, 2000; Russev et al. 1976, 1994; Uzunov et al. 1981; Islam et al. 1986; Janeva & Russev 1997; [according to Adler & Crosskey (2018) not Old World (misidentified)].

***Simulium* (*Eusimulium*) *aureum* Fries, 1824** – DW, DM, P1, P2, V3, V4, V5, S1, S211, O62, R1, RW; 10-2000 m; 1, 2, 3, 4; wes, ? po; Kovachev 1969, 1975, 1976, 1979, 1990, 2000; Russev et al. 1976, 1994; Russev

1977; Islam et al. 1986; Russev & Janeva 1986; Janeva 1987, 1991; Janeva & Russev 1989, 1997; Janeva et al. 2001; Janeva & Bancheva 2002; Beschovski 2006; Adler & Crosskey 2018.

***Simulium* (*Eusimulium*) *krymense* (Rubtsov, 1956)** – ♠; see; Rubtsov & Yankovsky 1988; Adler & Crosskey 2018.

***Simulium* (*Eusimulium*) *rubzovianum* (Sherban, 1961)** [*S. velutinum* (Santos Abreu, 1922; *S. serbicum* Baranov, 1925; *E. latinum* (Rubtsov, 1962)] – DW, DM, P1, P2, K8, K9, V4, S1, O62, R1, R5, RW; 80-2200 m; 1, 2, 3, 4; wp; Kovachev 1976, 1979, 1985a, 1985c, 1990, 2000; Russev et al. 1976, 1994; Russev 1977; Uzunov et al. 1981; Islam et al. 1986; Janeva 1987, 1991; Janeva & Russev 1997; Janeva & Bancheva 2002; Uzunov et al. 2011; Varadinova et al. 2013.

***Simulium* (*Eusimulium*) *angustipes* Edwards, 1915** [*E. latizonum* (Rubtsov, 1956); *E. securiforme* (Rubtsov, 1956)] – DW, DM, E2, P1, P2, O62, R1, R2, RW; 20-2240 m; 1, 2, 3, 4, 5; wcp; Russev 1962, 1977; Kovachev 1976, 1979, 1985c, 2000; Russev et al. 1976, 1994; Janeva & Russev 1997.

***Simulium* (*Schoenbaueria*) *nigrum* (Meigen, 1804)** [*S. behningi* Enderlein, 1926] – P2, 140-357 m; 1; eca; Russev et al. 1976; Russev 1977.

***Simulium* (*Schoenbaueria*) *pusillum* Fries, 1824** [*Eusimulium pygmaeum* (Zetterstedt, 1838); ? *E. pygmaeum*: Rubtsov, 1956 (part); ? *Simulium* (*Nevermannia*) *meigeni* (Rubtsov & Carlsson, 1965)] – RW; 1100 m; 3; tes; Kovachev 1975; Beschovski 2006.

***Simulium* (*Wilhelmia*) *angustifurca* (Rubtsov, 1956)** – P2, K4, K5; 450-900 m; 1, 2; ees; Kovachev 1969; Russev et al. 1994; Adler & Crosskey 2018.

***Simulium* (*Wilhelmia*) *balcanicum* (Enderlein, 1924)** [*W. balcanica severinense* (Dinulescu, 1966)] – DW, DM, E1, E2, P1, P2, P3, B1, B2, K3, K7, K8, K9, V1, V4, S1, TL, T1, O61, O62, R1, R5, RR; 20-700 m; 1, 2; ean, ? eant; Enderlein, 1924; Tschorbadjiew 1925e; Buresch 1926b, 1938; Rubtsov 1956; Russev 1962, 1966b; Kovachev 1975, 1976, 1985a, 1985c, 1990; Russev et al. 1976, 1987, 1994; Uzunov et al. 1981, 2011; Janeva & Russev 1985, 1997; Islam et al. 1986; Janeva 1987; Janeva & Bancheva 2002; Borisova et al. 2013; Varadinova et al. 2013; Adler & Crosskey 2018; Đuknić et al. 2019.

***Simulium* (*Wilhelmia*) *equinum* (Linnaeus, 1758)** [*W. secundum* (Baranov, 1926); *W. equina ivashentzovi* Rubtsov, 1940] – DW, DM, P1, P2, B1, V1, V5, O62; 20-820 m; 1, 2; tp, ? po; Enderlein, 1924; Tschorbadjiew 1925e; Buresch 1938; Russev 1962, 1977; Kovachev 1969; Russev et al. 1976, 1994; Kenderov et al. 2008; Adler & Crosskey 2018; Đuknić et al. 2019.

***Simulium* (*Wilhelmia*) *lineatum* (Meigen, 1804)** [*W. equina falcula* Enderlein, 1921] – DW, DM, P1, P2, B1, B2, K7, V1, S1, S21, TL, R1, RE; 50-950 m; 1, 2; e; Enderlein, 1924; Konsuloff & Paspalev 1925; Tschorbadjiew 1925e; Buresch 1938; Kovachev 1975, 1976, 1985a; Russev et al. 1976, 1984b, 1994; Russev 1977; Beron 2004; Beschovski 2006; Adler & Crosskey 2018.

***Simulium* (*Wilhelmia*) *paraequinum* Puri, 1933** – DW, DM, P1, P2; 20-400 m; 1; oem, ? emit; Russev et al. 1994; Adler & Crosskey 2018.

***Simulium* (*Wilhelmia*) *pseudequinum* Seguy, 1921** [*W. fluminicola* (Rivosecchi, 1972); *W. stylatum* (Baranov, 1926); *S. mediterraneum* Puri, 1925] – DW, DM, E1, E2, P1, P2, P3, K3, K7, K8, V4, S1, S21, S22, TL, Tl, O61, O62, R1, R5, RW, RE; 100-900 m; 1, 2; spo; Kovachev 1976, 1985a, 1985c, 1990; Russev et al. 1976, 1984b, 1987, 1994; Russev 1977; Uzunov et al. 1981, 2011; Janeva & Russev 1985, 1997; Islam et al. 1986; Janeva 1987, 1989, 1991; Rubtsov & Yankovsky 1988; Janeva et al. 2001; Janeva & Bancheva 2002; Borisova et al. 2013; Varadinova et al. 2013; Đuknić et al. 2019.

***Simulium* (*Boophthora*) *erythrocephalum* (De Geer, 1776)** – P1, B1, V1, V4, S1, R1; 200-1000 m; 1, 2, 3; tp; Russev et al. 1976, 1994; Uzunov et al. 1981; Kovachev 1985a, 1990; Borisova et al. 2013; Georgieva et al. 2017.

***Simulium* (*Trichodagmia*) *auricoma* Meigen, 1818** [*Obuchovia*] – B1, B2, V4, R1; 1000-2400 m; 3, 4, 5; eanna; Enderlein, 1924; Konsuloff & Paspalev 1925; Buresch 1938; Kovachev 1976, 1979, 1990, 2000; Russev et al. 1976, 1994; Adler & Crosskey 2018.

***Simulium* (*Trichodagmia*) *popowae* Rubtsov, 1940** [*Obuchovia*] – V3; 700-800 m; 2; see; Kovachev 1969; Adler & Crosskey 2018.

Ceratopogonidae (Heleidae)

***Mallochohelea remota* (Kieffer, 1919)** [*Sphaeromias nitida* var. *bulgarica* (Zilahi-Sebess, 1934)] – E1; 250-300 m; 1; ? e; Zilahi 1934.

***Palpomyia flavipes* (Meigen, 1804)** – V4; 700-800 m; 2; ? wp; Zilahi 1934.

***Palpomyia nana* Zilahi-Sebess, 1934** – B1; 400-450 m; 1; Ebg; Zilahi 1934.
***Ceratopogon niveipennis* Meigen, 1818** [*Psilohelea*] – V1; 550 m; 1, 2; e; Nedelkov 1912.
***Dasyhelea* (*Sebessia*) *acuminata* Kieffer, 1919** [*D. verticillata* Kieffer, 1925] – B1; 400-450 m; 1; e; Zilahi 1934; Dominiak & Szadziewski 2010.
***Dasyhelea* (*Prokempia*) *flaviventris* (Goetghebuer, 1910)** – R1, R2; 400-1400 m; 1, 2. 3; dp; Dominiak & Szadziewski 2010.
***Dasyhelea* (*Dasyhelea*) *bilineata* Goetghebuer, 1920** [*D. geleiana* Zilahi-Sebess, 1930] – V4, R1, R2, RW; 400-2200 m; 1, 2, 3, 4, 5; eanna; Valkanov 1941; Dominiak & Szadziewski 2010.
***Dasyhelea* (*Dasyhelea*) *flavifrons* (Guérin, 1833)** – R1, R2; 400-1300 m; 1, 2, 3; h; Dominiak & Szadziewski 2010.
***Dasyhelea* (*Dasyhelea*) *halophila* Kieffer, 1911** – BS; 0-20 m; 1; see, ? se; Valkanov 1954.
***Dasyhelea* (*Pseudoculicoides*) *abhazica* Remm, 1967** – R2; 400 m; 1; bc, m, ? see; Dominiak & Szadziewski 2010.
***Dasyhelea* (*Pseudoculicoides*) *arenivaga* Macfie, 1943** – R2; 400 m; 1; ena; Dominiak & Szadziewski 2010.
***Dasyhelea* (*Pseudoculicoides*) *bicrenata* Kieffer, 1923** – ♠; ena; Dominiak & Szadziewski 2010.
***Dasyhelea* (*Pseudoculicoides*) *calycata* Remm, 1972** – BS; 0-10 m; 1; eca; Dominiak & Szadziewski 2010.
***Dasyhelea* (*Pseudoculicoides*) *communis* Kieffer, 1918** – BN; 0-50 m; 1; hom; Zilahi 1934.
***Dasyhelea* (*Pseudoculicoides*) *fasciigera* Kieffer, 1925** – R2; 400 m; 1; h; Dominiak & Szadziewski 2010.
***Dasyhelea* (*Pseudoculicoides*) *sericata* (Winnertz, 1852)** – V4; 700 m; 2; ewca; Zilahi 1934.
***Dasyhelea* (*Dicryptoscena*) *modesta* (Winnertz, 1852)** – R1; 1580 m; 3, 4; tp; Dominiak & Szadziewski 2010.
***Dasyhelea* (*Dicryptoscena*) *thienemanni* Spataru & Damian-Georgescu, 1970** – ♠; ee, ? e; Dominiak & Szadziewski 2010.
***Atrichopogon* (*Atrichopogon*) *fuscus* (Meigen, 1804)** [*Kempia*] – B1, BN; 0-400 m; 1; wp, ? ena; Zilahi 1934.
***Atrichopogon* (*Atrichopogon*) *minutus* (Meigen, 1830)** – TL, RW; 180-380 m; 1; h; Zilahi 1934.
***Atrichopogon* (*Atrichopogon*) *psilopterus* Kieffer, 1919** – TL, RW; 220-380 m; 1; e; Zilahi 1934.
***Atrichopogon* (*Atrichopogon*) *tritomus* Kieffer, 1919** – RW; 380 m; 1; see; Zilahi 1934.
***Atrichopogon* (*Lophomyidium*) *rostratus* (Winnertz, 1852)** [*A. transversalis* Kieffer, 1918] – B1, RW; 350-450 m; 1; eanna; Zilahi 1934.
***Atrichopogon* (*Psammopogon*) *flavolineatus* (Strobl, 1880)** [*A. trifasciatus* Kieffer, 1918] – B1, RW; 370-380 m; 1; ? hom, ? csena; Zilahi 1934.
***Forcipomyia* (*Lasiohelea*) *velox* (Winnertz, 1852)** – B1; 400-450 m; 1; wp; Zilahi 1934.
***Forcipomyia* (*Euprojoannisia*) *bureschi* (Zilahi-Sebess, 1934)** – RW; 370-400 m; 1; Ebg; Zilahi 1934; Josifov 1957.
***Forcipomyia* (*Forcipomyia*) *bipunctata* (Linnaeus, 1767)** – DW, V4, RW; 50-800 m; 1, 2; h; Zilahi 1934.
***Forcipomyia* (*Forcipomyia*) *pallidipes* Santos Abreu, 1918** [*F. rustica* (Kieffer, 1919)] – V1, TL, R1; 150-1400 m; 1, 2, 3; wp; Zilahi 1934.
***Culicoides* (*Beltranmyia*) *circumscriptus* Kieffer, 1918** [*C. pulcher* Zilahi-Sebess, 1934] – DW, E2, P2, TL, T1, T2, O61, RE; 20-370 m; 1; ppt; Zilahi 1934; Bobeva et al. 2013, 2014; Nedelchev 2013; Bobeva 2014; Pudar et al. 2018.
***Culicoides* (*Beltranmyia*) *salinarius* Kieffer, 1914** – DW, DM, E2, P1, P2, K9, TV, V1, TL, T1, T2, O61, RW, RE, BN, BS; 0-1000 m; 1, 2; tp; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.
***Culicoides* (*Culicoides*) *deltus* Edwards, 1939** – E2, S1, TL, T1, T2, RW, BS ; 0-1000 m; 1, 2; des; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.
***Culicoides* (*Culicoides*) *fagineus* Edwards, 1939** – DW, E1, E2, P1, P2, B1, K9, TV, V1, T1, T2, O61, RW, RE, BS; 20-1000 m; 1, 2; wcp; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.
***Culicoides* (*Culicoides*) *flavipulicaris* Dhafarov, 1964** – E2, K9, TV, V1; 20-700 m; 1, 2; dp, ? nmca; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.
***Culicoides* (*Culicoides*) *grisescens* Edwards, 1939** – E2, P2, TV, V1, T1, T2, RE, BS; 0-600 m, 1, 2; tp; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.
***Culicoides* (*Culicoides*) *impunctatus* Goetghebuer, 1920** – DW, E2, P1, B1, TV, V1, O61, BN, BS; 0-700 m; 1, 2; wces; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.
***Culicoides* (*Culicoides*) *newsteadi* Austen, 1921** [*C. halophilus* Kieffer, 1924] – ▲; DW, DM, E1, E2, P1, P2, B1, K9, TV, V1, S1, TL, T1, T2, O61, RE, BN, BS; 0-700 m; 1, 2; wp; Bobeva et al. 2013; Nedelchev 2013; Bobeva 2014; Pudar et al. 2018.

***Culicoides* (*Culicoides*) *pulicaris* (Linnaeus, 1758)** [*Ceratopogon*] – ▲; DW, DM, E1, E2, P1, P2, B1, K9, TV, V1, S1, T1, T2, TL, RW, RE, BN, BS; 0-1000 m; 1, 2; pat; Nedelkov 1912; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Culicoides*) *punctatus* (Meigen, 1804)** – ▲; DW, DM, E1, E2, P1, P2, B1, K9, TV, V1, S1, TL, T1, T2, O61, RE, RW, BN, BS; 0-1000 m; 1, 2; pat; Bobeva et al. 2013; Nedelchev 2013; Bobeva 2014; Pudar et al. 2018.

***Culicoides* (*Avaritia*) *dewulfi* Goetghebuer, 1936** – E2, P2; 20-250 m; 1; dp; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Avaritia*) *obsoletus* (Meigen, 1818)** – ▲; DW, DM, E1, E2, P1, P2, B1, K9, V1, S1, TV, TL, T1, T2, RW, RE, BN, BS; 0-1000 m; 1, 2; h; Zilahi 1934; Bobeva et al. 2013; Nedelchev 2013; Bobeva 2014; Pudar et al. 2018.

***Culicoides* (*Avaritia*) *scoticus* Downes & Kettle, 1952** – E2, RE; 20-250 m; 1; wcp; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Silvaticulicoides*) *fascipennis* (Staeger, 1839)** – DW, DM, E1, E2, P1, P2, B1, B2, K9, V1, S1, TL, T1, T2, O61, RW, RE, BN, BS; 0-1000 m; 1, 2; tp; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Silvaticulicoides*) *ostroushkoae* Glukhova, 1989** – K9, TV, V1, O61; 300-700 m; 1; et, ? ewca; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Silvaticulicoides*) *pallidicornis* Kieffer, 1919** [*C. pallidicornis* var. *bruneoscutellatus* Zilahi-Sebess, 1934] – E1, E2, P2, K9, TV, V1, TL, T1, T2, O61, R1, RE, BN, BS; 0-1400 m; 1, 2, 3; h; Zilahi 1934; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Silvaticulicoides*) *subfasciipennis* Kieffer, 1919** – DM, E1, E2, P1, P2, B1, K9, TV, V1, TL, T1, T2, O61, RE, BN, BS; 0-700 m; 1, 2; wcp; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Sensiculicoides*) *alazanicus* Dzhafarov, 1961** – E2; 20 m; 1; ean; Bobeva 2014; Bobeva et al. 2014, 2015; Pudar et al. 2018.

***Culicoides* (*Sensiculicoides*) *festivipennis* Kieffer, 1914** – DM, E1, E2, P1, P2, B1, K9, V1, TL, T1, T2, O61, R1, BS; 0-600 m; 1, 2; hop; Bobeva et al. 2013, 2014; Nedelchev 2013; Bobeva 2014; Pudar et al. 2018.

***Culicoides* (*Sensiculicoides*) *gejgelensis* Dzhafarov, 1964** – E2, K9, TV, V1, S1, O61, RW, RE, BS; 0-1000 m; 1, 2; mca; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Sensiculicoides*) *griseidorsum* Kieffer, 1918** – E2; 20 m; 1; ena; Bobeva 2014; Szadziewski et al. 2016.

***Culicoides* (*Sensiculicoides*) *kurensis* Dzhafarov, 1960** – DW, P1, E1, E2, B1, V1, RW, RE; 30-1000 m; 1, 2; hom; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Sensiculicoides*) *odiatus* Austen, 1921** – DW, DM, E1, E2, P1, P2, B1, K9, V1, T1, T2, O61, RE, BS; 0-600 m; 1, 2; wcp; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Sensiculicoides*) *pictipennis* (Staeger, 1839)** [*C. arcuatus* (Winnertz, 1852)] – DW, E2, P1, P2, B1, TV, V1, T1, T2, O61, R1, RW, RE; 30-2900 m; 1, 2, 3, 4, 5, 6; wcp; Zilahi 1934; Bobeva et al. 2013; Nedelchev 2013; Bobeva 2014; Pudar et al. 2018.

***Culicoides* (*Sensiculicoides*) *shaklawensis* Khalaf, 1957** – E2; 20 m; 1; mwca; Bobeva et al. 2013; Pudar et al. 2018.

***Culicoides* (*Sensiculicoides*) *simulator* Edwards, 1939** – DM, E1, E2, V1, S1, TL, T1, T2, BN, BS; 0-600 m; 1, 2; wcp; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Oecacta*) *longipennis* Khalaf, 1957** – E2, K9, V1, TV, S1, O61, RW, RE; 20-1000 nm; 1, 2; mwca; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Oecacta*) *vexans* (Staeger, 1839)** – E1, E2, P2, TV, V1, S1, TL, T1, T2, RE, BN, BS; 0-700 m; 1, 2; esca; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Monoculicoides*) *nubeculosus* (Meigen, 1830)** – ▲; DW, E1, E2, P1, P2, K9, V1, S1, O61, RE, BS; 0-600 m; 1, 2; des, ? tes; Bobeva et al. 2013; Nedelchev 2013; Bobeva 2014; Pudar et al. 2018.

***Culicoides* (*Monoculicoides*) *parroti* Kieffer, 1922** – DM, E2, P1, P2, TL, RE, BN, BS; 0-300 m; 1; wp; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Monoculicoides*) *puncticollis* (Becker, 1903)** [*C. impressus* Kieffer, 1918] – ▲; DW, E1, E2, P1, K9, TV, V1, S1, TL, T1, T2, O61, RW, RE, BN, BS; 0-1000 m; 1, 2; sp; Zilahi 1934; Bobeva et al. 2013; Nedelchev 2013; Bobeva 2014; Pudar et al. 2018.

***Culicoides* (*Monoculicoides*) *riethi* Kieffer, 1914** – DM, E1, E2, P1, P2, B1, K9, V1, S1, TL, T1, T2, O61, RE, BN, BS; 0-600 m; 1, 2; po, ? ho; Bobeva et al. 2013; Nedelchev 2013; Bobeva 2014; Pudar et al. 2018.

***Culicoides* (*Monoculicoides*) *stigma* (Meigen, 1818)** – E2, P1, P2, B1, V1, TL, T1, T2, RW, RE, BS; 0-1000 m; 1, 2; wp; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Wirthomyia*) *reconditus* Campbell & Pelham-Clinton, 1960** – DW, E2, P1, P2, B1, S1, TL, RE, BS; 0-450 m; 1; e; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Pontoculicoides*) *saevus* Kieffer, 1922** [*C. drenskii* Zilahi-Sebess, 1934] – E2, B1, V1; 20-600 m; 1, 2; wcp; Zilahi 1934; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018; Darlenski et al. 2020.

***Culicoides* (*Pontoculicoides*) *sejfadinei* Dzhafarov, 1958** – E2, K9, TV, V1, S1, T1, T2, O61, RE, RW; 20-1000 m; 1, 2; wcp; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Pontoculicoides*) *tauricus* Gutsevich, 1959** – DW, DM, E1, E2, P1, B1; 20-400 m; 1; ? cset; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

***Culicoides* (*Remmia*) *schultzei* (Enderlein), 1908** – ▲; DW, DM, E1, E2, P1, P2, B1, TL, T1, T2; 20-450 m; 1; ppta; Bobeva et al. 2013; Nedelchev 2013; Pudar et al. 2018.

Chironomidae

***Paraboreochlus minutissimus* (Strobl, 1895)** [*Ablabesmyia pecteniphora* Goetghebuer, 1934] – RW; 1100 m; 3; wp; Dimitrov 1962a, 1963a.

***Clinotanypus nervosus* (Meigen, 1818)** – DM, E1, E2, P2, S1, T1, O61; 30-500 m; 1; ? tp, ? dp; Dimitrov 1957, 1963a; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

***Tanypus* (*Tanypus*) *kraatzi* (Kieffer, 1912)** [*Pelopia*] – E1, P2, TL, BS; 0-300 m; 1; tp; Mihailova-Neikova 1961; Dimitrov 1962b, 1963a; Cvetkov 1962; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

***Tanypus* (*Tanypus*) *punctipennis* Meigen, 1818** [*Pelopia*; *Protenthes punctipennis* var. *ferrugineus* Kieffer, 1918] – ♦; DW, DM, E1, E2, P2, V1, V5, S211, S1, TL, RW, RE, BN, BS; 0-900 m; 1, 2; hno; Zilahi 1934; Cvetkov 1955a, 1955b, 1957, 1962; Valkanov 1957; Dimitrov 1957, 1960a, 1960b, 1962a, 1962b, 1962c, 1962d, 1963a, 1966, 1970, 1972, 1982; Mihailova-Neikova 1961; Russev 1966a, 1966b; Janeva 1987, 1991; Janeva & Russev 1989; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

***Procladius* (*Holotanypus*) *choreus* (Meigen, 1804)** – DW, DM, E1, E2, P1, P2, K3, TL, T1, RW; 20-1500 m; 1, 2, 3, 4; po, ? ho; Michailova 1982, 2006; Islam et al. 1986; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1985, 1997; Janeva 1991.

***Procladius* (*Holotanypus*) *ferrugineus* (Kieffer, 1918)** – DW, DM, E1, E2, P1, V4, T1; 20-800 m; 1, 2; tes, ? dp; Islam et al. 1986; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1985, 1997; Janeva 1991; Uzunov et al. 2011; Varadinova et al. 2013.

***Procladius* (*Psilotanypus*) *imicola* Kieffer, 1922** [*P. nigriventris* Kieffer, 1922] – DW, DM, T1; 132 m; 1; wces, ? wes; Janeva & Russev 1985; Stoichev 1994, 1996.

***Anatopynia plumipes* (Fries, 1823)** – DW, DM, E1, E2, P2, P3, S1, T1, R1, RW, RE, BN, BS; 0-2340 m; 1, 2, 3, 4, 5; dp, ? tp; Michailova 1982, 2006; Russev et al. 1994; Stoichev 1994, 1996, 2000a, 2002; Janeva & Russev 1997.

***Apsectrotanypus trifascipennis* (Zetterstedt, 1838)** [*Anatopynia*] – DW, E1, E2, B2, V5, R1; 20-1150 m; 1, 2, 3; ? wes; Dimitrov 1963a; Russev et al. 1987, 1994; Stoichev 1994, 1996; Dashinov 2017.

***Macropelopia nebulosa* (Meigen, 1804)** – DW, DM, E1, V1, RW; 50-790 m; 1, 2; dpo; Janeva 1989; Russev et al. 1994; Stoichev 1996; Janeva & Russev 1997; Michailova et al. 2014.

***Psectrotanypus* (*Psectrotanypus*) *varius* (Fabricius, 1787)** [*Anatopynia*, *Tanypus*] – DW, V1, S22, TL, O61, RW; 30-1100 m; 1, 2, 3; po, ? ho; Nedelkov 1912; Dimitrov 1963a; Michailova 1982; Islam et al. 1986; Russev & Janeva 1986; Russev et al. 1994.

***Derotanypus sibiricus* (Kruglova & Chernovskij, 1940)** [*Anatopynia*, *Psectrotanypus*] – S22; 350 m; 1; tes; Dimitrov 1963a.

***Natarsia punctata* (Fabricius, 1805)** [*Ablabesmyia fulva* (Kieffer, 1918)] – DW, DM, E1, P2, TL, O61; 50-380 m; 1, des; Dimitrov 1969; Nachev 1983; Russev et al. 1984, 1991, 1994; Janeva & Russev 1997.

***Ablabesmyia* (*Ablabesmyia*) *longistyla* Fittkau, 1962** – DW; 30-50 m; 1; dp, ? pat; Stoichev 1994, 1996.

***Ablabesmyia* (*Ablabesmyia*) *monilis* (Linnaeus, 1758)** – DW, DM, E1, E2, P1, P2, V1, S1, TL, R1, RW, RE, BN; 0-1500 m; 1, 2, 3; hno; Cvetkov 1955a, 1962; Valkanov 1957a; Russev 1959, 1962, 1966a, 1966b; Dimitrov 1962b, 1963a, 1966; Russev & Janeva 1975; Michailova 1982; Russev et al. 1984b, 1994; Stoichev 1994, 1996; Janeva & Russev 1997; Soufi & Uzunov 2008; Vidinova et al. 2008.

***Conchapelopia intermedia* Fittkau, 1962** – K9, O61; 315-385 m; 1; e; Islam et al. 1986.

***Conchapelopia melanops* (Meigen, 1818)** – DW, DM, P1, P2, K7, K8, O61, O62; 20-450 m; 1, 2; dpo; Islam et al. 1986; Islam et al. 1986; Russev & Janeva 1986; Russev et al. 1994; Janeva & Russev 1997.

***Conchapelopia pallidula* (Meigen, 1818)** – R5; 400-800 m; 1, 2; dp; Uzunov et al. 2011; Varadinova et al. 2013.

***Guttipelopia guttipennis* (van der Wulp, 1861)** [*Ablabesmyia zavreli* (Kieffer, 1918)] – R1; 2250-2324 m; 5; h; Stoichev 2000a.

***Krenopelopia binotata* (Wiedemann, 1817)** [*Ablabesmyia*] – DM, P2, V5, S211, O61; 50-700 m; 1, 2; dp; Dimitrov 1963a; Nachev 1983; Russev et al. 1984, 1994; Islam et al. 1986.

***Labrundinia longipalpis* (Goetghebuer, 1921)** – DW, DM, P1, P2; 670 m; 1, 2; e, ? h; Janeva 1987; Russev et al. 1994.

***Larsia atrocincta* (Goetghebuer, 1942)** – R5; 1, 2; ena; Uzunov et al. 2011; Varadinova et al. 2013.

***Larsia curticalcar* (Kieffer, 1918)** [*Ablabesmyia*] – DW, DM, E1, E2, P1, P2, B1, V1, V5, S1, S21, S22, S211, T1, R1, R2, R5, RW, RE, BN, BS; 20-2440 m; 1, 2, 3, 4, 5; wp; Russev 1959, 1962, 1966a, 1966b; Dimitrov 1962a, 1962d, 1963a, 1966; Russev & Janeva 1975; Russev et al. 1984b, 1994; Janeva 1991; Stoichev 1994, 1996, 2002; Janeva & Russev 1997; Janeva et al. 2001; Janeva & Bancheva 2002; Moskova & Uzunov 2011; Uzunov et al. 2011; Kenderov et al. 2012.

***Monopelopia tenuicalcar* (Kieffer, 1918)** [*Ablabesmyia*] – V5, S211; 700 m; 2; h; Dimitrov 1962d; Russev et al. 1994.

***Nilotanypus dubius* (Meigen, 1804)** – DW, P1, R1; 100-1960 m; 1, 2, 3, 4; dpo; Russev et al. 1994; Dashinov 2017.

***Rheopelopia maculipennis* (Zetterstedt, 1838)** – DW, P1; 210 m; 1; dp; Janeva 1991; Russev et al. 1994.

***Telmatopelopia nemorum* (Goetghebuer, 1921)** – R5; 500-800 m; 1, 2; dp; Uzunov et al. 2011; Varadinova et al. 2013.

***Thienemannimyia lentiginosa* (Fries, 1823)** – DW, P1, P2, B2, BN; 0-660 m; 1, 2; dp; Cvetkov 1955a; Valkanov 1957; Dimitrov 1963a; Russev 1966b; Janeva 1987; Russev et al. 1991, 1994; Stoichev 1994, 1996.

***Trissopelopia flavida* Kieffer, 1923** [*Ablabesmyia*] – V5, S211, TL, T1, RW, RE; 88-1000 m; 1, 2; et; Dimitrov 1962a, 1962c, 1962d, 1963a, 1966; Russev 1966a; Russev et al. 1984b, 1994.

***Xenopelopia falcigera* (Kieffer, 1911)** [*Ablabesmyia*] – S1, O61, RW; 350-1100 m; 1, 2, 3; des; Dimitrov 1960a, 1962a, 1963a; Nachev 1983; Islam et al. 1986; Janeva 1989.

***Zavrelimyia melanura* (Meigen, 1804)** [*Ablabesmyia tretrastictus* Kieffer, 1918] – DM, P1, P2, R1, RW; 40-1400 m; 1, 2, 3; wp; Dimitrov 1962d, 1963a; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996.

***Zavrelimyia signatipennis* (Kieffer, 1924)** – DM, P2; ♠; e, ? cse; Russev et al. 1994.

***Boreoheptagyia cinctipes* (Edwards, 1928)** – ♠; ? se; Russev et al. 1994.

***Boreoheptagyia legeri* (Goetghebuer, 1933)** [*Heptagyia punctulata* Goetghebuer, 1934] – O61, RW; 316-1260 m; 1, 2, 3; csena, ? ena; Russev & Janeva 1975; Nachev 1983; Ashe & Cranston 1990; Russev et al. 1994.

***Diamesa* (*Diamesa*) *aberrata* Lundbeck, 1898** – RW; 800 m; 2; ho; Michailova 1989, 2006.

? *Diamesa* (*Diamesa*) *carpatica* Botnariuc & Cindea-Cure, 1954 [? Nomen dubium] – P2, RW; 40-1250 m; 1, 2, 3; see; Janeva 1987, 1989; Michailova 1989, 2006.

***Diamesa* (*Diamesa*) *cinerella* Meigen, 1835** – RW; 400-1300 m; 1, 2, 3; e; Michailova 1989.

***Diamesa* (*Diamesa*) *insignipes* Kieffer, 1908** [*D. prolongata* Kieffer, 1909] – DW, DM, P1, P2, K8, V4, V5, S1, S211, O61, R1, R5, RW, RE; 40-2440 m; 1, 2, 3, 4, 5; h; Dimitrov 1960a, 1962b, 1962c, 1962d, 1963a, 1966; Russev & Janeva 1975; Nachev 1983; Russev et al. 1984b, 1991, 1994; Janeva & Russev 1985, 1989, 1997; Islam et al. 1986; Janeva 1987, 1989; Michailova 1982, 1989, 2006; Stoichev 1994, 1996, 2000; Sakelarieva et al. 2008; Uzunov et al. 2011; Trichkova et al. 2013; Varadinova et al. 2013.

? *Diamesa* (*Diamesa*) *heterodentata* (Botnariuc et Cindea-Cure, 1954) [? Nomen dubium] – DW, DM, P1, P2, K7, K8, K9, T1, O61, O62; 27-510 m; 1; see; Nachev 1983; Janeva & Russev 1985; Islam et al. 1986; Janeva 1987, 1991; Russev et al. 1991.

***Diamesa* (*Diamesa*) *latitarsis* (Goetghebuer, 1921)** – P2; 400-500 m; 1; tp; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

? *Diamesa* (*Diamesa*) *pseudostylata* (Chernovskij, 1949) [? Nomen dubium] – DW, DM, P1, P2; 30-250 m; 1; ee; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

***Diamesa* (*Diamesa*) *tonsa* (Haliday, 1856)** [*D. thienemanni* Kieffer, 1909] – RW; 1100-1200 m; 3; ena, ? wp; Michailova 1982, 1989, 2006.

***Pagastia orientalis* (Chernovskii, 1949)** – TL; 150-180 m; 1; ho; Dimitrov 1962b, 1963a.

***Potthastia gaedii* (Meigen, 1838)** [*Diamesa*, *Polypedilum*] – DW, DM, E1, P2, V5, S1, T1, R1; 40-1850 m; 1, 2, 3, 4; ho, ? h; Dimitrov 1962d; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997; Dashinov 2017.

***Potthastia longimanus* Kieffer, 1922** [*P. campestris* Edwards, 1929] – DW, P1, P2, K9, O61, R1, R5; 50-1200 m; 1, 2, 3; ho; Nachev 1983; Islam et al. 1986; Janeva 1987; Russev et al. 1991, 1994; Uzunov et al. 2011; Varadinova et al. 2013; Dashinov 2017.

***Potthastia montium* (Edwards, 1929)** – R1; 1370 m; 3; h; Dashinov 2017.

***Pseudodiamesa* (*Pseudodiamesa*) *branickii* (Nowicki, 1873)** – R2, RW; 1100-1950 m; 3, 4; ho; Michailova 1989, 2006; Michailova & Petrova 1989.

***Pseudodiamesa* (*Pseudodiamesa*) *nivosa* (Goetghebuer, 1928)** [*Syndiamesa*] – DW, P1, R1; 30-1040 m; 1, 2; tp; Dimitrov 1962d; Russev et al. 1994.

***Thalassomya frauenfeldi* Schiner, 1856** – BN, BS; 0 m; 1; eno, ? en; Valkanov 1948, 1957a; Caspers 1951a, 1951b, 1951c; Strenzke 1951; Karnoschitzky 1952; Dimitrov 1963a; Beschovski 1965; Michailova 1976b, 1980b, 1989.

***Monodiamesa bathyphila* (Kieffer, 1918)** [*Prodiamesa*, *Syndiamesa*] – P2; 210-345 m; 1; h; Janeva 1987; Russev et al. 1994.

***Odontomesa fulva* (Kieffer, 1919)** [? *O. dospatica* Dimitrov, 1963; *Ablabesmyia*] – K7, K8, O61, O62, R5, RW; 590-1220 m; 1, 2, 3; h; Dimitrov 1963a, 1966; Nachev 1983; Michailova 1982; Islam et al. 1986; Uzunov et al. 2011; Varadinova et al. 2013.

***Prodiamesa bureschi* Michailova, 1977** – DW, P1, V1, RW; 130-1160 m; 1, 2, 3; see; Michailova 1977, 1982a, 1989, 2006.

***Prodiamesa olivacea* (Meigen, 1818)** – DW, DM, P1, P2, V1, V5, S211, TL, O61, O62, R1, R5, RW, RE, BS; 0-2196 m; 1, 2, 3, 4; h; Belcheva 1959; Dimitrov 1962a, 1962d, 1963a, 1966; Michailova 1977; Nachev 1983; Russev et al. 1984, 1994; Islam et al. 1986; Janeva 1987, 1989, 1991; Michailova 1982a, 1989, 2006; Stoichev 1994, 1996; Janeva & Russev 1989, 1997; Stoichev & Chernev 2001; Uzunov et al. 2011; Kenderov et al. 2008, 2012; Vidinova et al. 2008; Varadinova et al. 2011, 2012, 2013; Dashinov 2017; Ihtimanska et al. 2018.

***Prodiamesa rufovittata* Goetghebuer, 1932** – DW, P1, V5, S211, RW; 50-1150 m; 1, 2, 3; wces; Dimitrov 1960a, 1962d, 1963a, 1966; Russev et al. 1994; Stoichev 1994, 1996.

***Acricotopus lucens* (Zetterstedt, 1850)** [*A. lucidus* Staeger, 1839] – DW, E1, P1, P2, B1, V1, O61, O62, R1, R2, R5, RW, RE, BS; 0-1950 m; 1, 2, 3, 4; h; Michailova 1982a, 1989, 2006; Michailova & Dimitrova 1984; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997; Kenderov et al. 2008, 2012; Vidinova et al. 2008.

***Brillia bifida* (Kieffer, 1909)** [*B. modestus* Meigen, 1830; ? *B. immaculata* Botnariuc & Cure, 1956 (? nomina dubia); ? *B. pallida* Chernovskii, 1949 (? nomina dubia)] – DW, DM, E1, P2, B2, V4, O61, R1, R5, RW, BN; 0-2535 m; 1, 2, 3, 4, 5, 6; po, ? ho; Russev 1961; Dimitrov 1962d, 1963a, 1966; Nachev 1983; Janeva & Russev 1985, 1997; Islam et al. 1986; Janeva 1987, 1991; Michailova 1989; Russev et al. 1991, 1994; Stoichev 1994, 1996, 2000a; Stoichev & Chernev 2001; Varadinova et al. 2013; Dashinov 2017.

***Brillia longifurca* Kieffer, 1921** – DW, DM, P1, P2, B2, K7, K8, K9, V4, V5, S211, O61, R1, R5, RW, RE; 30-1400 m; 1, 2, 3; hop, ? tp; Nachev 1983; Russev et al. 1984, 1987, 1991, 1994; Janeva & Russev 1985, 1989, 1997; Islam et al. 1986; Janeva 1989; Michailova 1989; Stoichev 1996; Vidinova et al. 2008; Uzunov et al. 2011; Varadinova et al. 2013; Dashinov 2017.

***Bryophaenocladius subvernalis* (Edwards, 1929)** [*B. subvernalis* var. *bulgarica* Cure; *B. subvernalis* var. *vitae* Cure] – DW, DM; 25-30 m; 1; tp, ? dp; Janeva 1987; Russev et al. 1994.

***Bryophaenocladius ictericus* (Meigen, 1830)** [*Orthocladius bipunctellus* (Zetterstedt, 1850)] – V1, R5, RW, BN, BS; 0-1100 m; 1, 2, 3; e; Michailova 1982a, 1982b, 1989, 2006.

***Camptocladius stercorarius* (De Geer, 1776)** – DW, DM, P1, P2, V1, TL; 20-600 m; 1, 2; hoa; Nedelkov 1912; Dimitrov 1962b, 1963a, 1966; Janeva 1987; Russev et al. 1994.

***Cardiocladius capucinus* (Zetterstedt, 1850)** – TL; 150-160 m; 1; dp; Dimitrov 1962b, 1963a.

***Chaetocladius* (*Chaetocladius*) *laminatus* Brundin, 1947** – DM, P2; 50-360 m; 1; wces; Janeva 1987; Russev et al. 1994.

***Chaetocladius* (*Chaetocladius*) *piger* (Goetghebuer, 1913)** – R1, BS; 20-1150 m; 1, 2, 3; h; Michailova 1982; Dashinov 2017.

***Clunio marinus* Haliday, 1855** – BN, BS; 0 m; 1; ena; Valkanov 1948, 1957a; Caspers 1951a, 1951b, 1951c; Strenzke 1951; Drensky 1959; Dimitrov 1963a; Beschovski 1965; Michailova 1973a.

***Clunio ponticus* Michailova, 1980** – BN, BS; 0 m; 1; see; Michailova 1980a, 1989.

***Corynoneura celeripes* Winnertz, 1852** – DW, TL, O61, RW; 50-1150 m; 1, 2, 3; h; Dimitrov 1962a, 1962b, 1963a; Nachev 1983; Russev et al. 1991, 1994.

***Corynoneura celtica* Edwards, 1924** – DM, P2; ♠; 1; dp; Russev et al. 1994.

***Corynoneura scutellata* Winnertz, 1846** – DM, P2, K7, K8, K9, O61, O62; 50-480 m; 1; sk; Nachev 1983; Islam et al. 1986; Janeva 1987; Russev et al. 1994; Janeva & Russev 1997.

***Cricotopus* (*Cricotopus*) *algarum* (Kieffer, 1911)** – DW, DM, E1, E2, P1, P2, B1, V4, S1, S21, S22, TL, R1, R5, RW, RE, BN; 0-2394 m; 1, 2, 3, 4, 5; wces; Cvetkov 1955a; Valkanov 1957a; Dimitrov 1957, 1960a, 1962a, 1962b, 1962c, 1966; Russev 1959, 1961, 1966b, 1977; Russev & Janeva 1975; Michailova 1978, 1982a, 1989, 1996; Janeva 1987, 1991; Russev et al. 1991, 1994; Stoichev 1994, 1996, 1998, 2000a, 2000b, 2002; Janeva & Russev 1997; Janeva et al. 2001; Stoichev & Chernev 2001; Uzunov et al. 2001, 2011; Janeva & Bancheva 2002; Kenderov et al. 2008, 2012; Sakelarieva et al. 2008; Vidinova et al. 2008; Moskova & Uzunov 2011; Varadinova et al. 2011, 2013; Borisova et al. 2013; Trichkova et al. 2013; Ihtimanska et al. 2018.

***Cricotopus* (*Cricotopus*) *annulator* Goetghebuer, 1927** [*Eukiefferiella alpestris* Goetghebuer, 1941] – DW, DM, E1, E2, P1, P2, P3, K7, K8, K9, V5, S1, T1, T31, O61, O62, R1, R2, R5, RW, RE, BS; 0-2365 m; 1, 2, 3, 4, 5; h; Dimitrov 1962d; Russev & Janeva 1975; Michailova 1982; Nachev 1983; Russev et al. 1984, 1987, 1991, 1994; Janeva & Russev 1985; Islam et al. 1986; Janeva 1987, 1989; Stoichev 1994, 1996; Stoichev & Chernev 2001; Sakelarieva et al. 2008; Vidinova et al. 2008; Uzunov et al. 2011; Varadinova et al. 2013; Dashinov 2017.

***Cricotopus* (*Cricotopus*) *bicinctus* (Meigen, 1818)** – DW, DM, E1, P1, P2, B2, K7, K8, K9, S1, TL, T1, T31, O61, O62, RW, RE, BS; 0-1030 m; 1, 2, 3; k; Michailova 1982, 1989, 2006; Nachev 1983; Russev et al. 1984, 1987, 1991, 1994; Janeva & Russev 1985, 1989; Islam et al. 1986; Russev & Janeva 1986; Janeva 1987, 1989, 1991; Stoichev 1996; Vidinova et al. 2008; Uzunov et al. 2011; Borisova et al. 2013; Varadinova et al. 2013.

***Cricotopus* (*Cricotopus*) *curtus* Hirvenoja, 1973** – DM, P2, K7, K8, K9, S1, TL, T1, O61, O62, R5, RW; 25-800 m; 1, 2; h; Nachev 1983; Russev et al. 1984, 1994; Janeva & Russev 1985; Islam et al. 1986; Janeva 1987, 1989; Stoichev 1994, 1996; Uzunov et al. 2011; Varadinova et al. 2013.

***Cricotopus* (*Cricotopus*) *festivellus* (Kieffer, 1906)** – V4, R1, R5; 700-1150 m; 1, 2, 3; h; Michailova 1989; Dashinov 2017.

***Cricotopus* (*Cricotopus*) *flavocinctus* (Kieffer, 1924)** – DW, P1, P2, RW; 50-625 m; 1, 2; h; Janeva 1987, 1989; Janeva & Russev 1989; Russev et al. 1994.

***Cricotopus* (*Cricotopus*) *fuscus* (Kieffer, 1909)** [*C. biformis* Edwards, 1929] – DM, P1, P2, K9, S1, TL, O61, O62, R1, R5, RW, RE, BS; 0-1550 m; 1, 2, 3, 4; h; Dimitrov 1960a, 1962a, 1962b; 1963a; Russev 1964, 1066a; Michailova 1982, 1989, 2006; Russev et al. 1984b, 1994; Islam et al. 1986; Janeva 1987; Stoichev 1994, 1996; Janeva & Russev 1997; Vidinova et al. 2008; Uzunov et al. 2011; Trichkova et al. 2013; Varadinova et al. 2013.

? *Cricotopus* (*Cricotopus*) *latidentatus* Chernovskii, 1949 [? Nomen dubium] – P2, RW; 200-250 m; 1; wces; Dimitrov 1963a, 1966; Janeva 1987.

***Cricotopus* (*Cricotopus*) *pirifer* Hirvenoja, 1973** – RW; 1100 m; 3; e; Michailova 1982, 2006.

***Cricotopus* (*Cricotopus*) *tibialis* (Meigen, 1804)** – O62; 65 m; 1; h; Michailova 1982.

***Cricotopus* (*Cricotopus*) *tremulus* (Linnaeus, 1758)** – DW, DM, P2, V5, T31, R1, BN, BS; 0-2250 m; 1, 2, 3, 4, 5; h; Janeva 1987; Michailova 1989; Russev et al. 1994; Stoichev 1996; Uzunov et al. 2011; Dashinov 2017.

***Cricotopus* (*Cricotopus*) *triannulatus* (Macquart, 1826)** – DW, DM, P1, P2, K7, K8, K9, T1, O61, O62; 50-500 m; 1, 2; hn; Russev et al. 1984, 1991, 1994; Janeva & Russev 1985; Islam et al. 1986; Janeva 1987.

***Cricotopus* (*Cricotopus*) *trifascia* Edwards, 1929** – DW, DM, E1, E2, P1, P2, B2, K7, K8, K9, S1, V5, O61, O62, R5; 20-800 m; 1, 2; ho; Nachev 1983; Janeva & Russev 1985, 1997; Islam et al. 1986; Janeva 1987; Michailova 1989, 1998; Russev et al. 1994; Stoichev 1994, 1996; Uzunov et al. 2001, 2011; Varadinova et al. 2011, 1912, 2013; Borisova et al. 2013; Ihtimanska et al. 2018.

***Cricotopus* (*Cricotopus*) *tristis* Hirvenoja, 1973** – DW, SP, O61, R5, RW; 50-800 m; 1, 2; h; Nachev 1983; Janeva 1989; Janeva & Russev 1989; Russev et al. 1994; Uzunov et al. 2011; Varadinova et al. 2013.

***Cricotopus* (*Cricotopus*) *vierriensis* Goetghebuer, 1935** – DW, DM, P1, P2, K7, K8, V4, S1, T1, O61, O62, R5; 30-800 m; 1, 2; h; Michailova 1982; Nachev 1983; Russev et al. 1984, 1991, 1994; Janeva & Russev 1985; Islam et al. 1986; Russev & Janeva 1986; Janeva 1987; Janeva & Russev 1989; Stoichev 1996; Uzunov et al. 2011; Varadinova et al. 2013.

***Cricotopus* (*Cricotopus*) *zavreli* Szadziewski & Hirvenoja, 1981** – S1, T1; 98-387 m; 1; ee; Borisova et al. 2013.

***Cricotopus* (*Isocladius*) *intersectus* (Staeger, 1839)** – DW, DM, E1, E2, P1, P2, K7, K8, K9, V4, S1, T1, O61, O62, R5, BN; 0-800 m; 1, 2; h; Nachev 1983; Islam et al. 1986; Michailova 1989, 1996; Russev et al. 1984, 1994; Janeva & Russev 1985, 1989; Uzunov et al. 2011; Varadinova et al. 2013.

***Cricotopus* (*Isocladius*) *laetus* Hirvenoja, 1973** – DW, K9, T1; 30-600 m; 1, 2; h; Janeva & Russev 1985, 1989; Islam et al. 1986; Russev et al. 1994.

***Cricotopus* (*Isocladius*) *laricomalis* Edwards, 1932** – O62; 65-70 m; 1; h; Michailova 1982.

***Cricotopus* (*Isocladius*) *ornatus* (Meigen, 1818)** – DW, DM, E2, P1, P2, V1, RW, BN, BS; 0-1550 m; 1, 2, 3, 4; h, ? ho; Caspers 1951a; Strenzke 1951; Michailova 1976a, 1989, 1996, 1998, 2006; Janeva & Russev 1989, 1997; Janeva 1991; Russev et al. 1991, 1994; Stoichev 1996, 1998; Kovachev et al. 1999; Uzunov et al. 2001; Varadinova et al. 2011, 1912; Ihtimanska et al. 2018.

***Cricotopus* (*Isocladius*) *reversus* Hirvenoja, 1973** – K8, R5; 800 m; 1, 2; des; Michailova 1982; Islam et al. 1986.

***Cricotopus* (*Isocladius*) *suspiciosus* Hirvenoja, 1973** – DW, DM, E1, P2, BN; 0-200 m; 1; e; Michailova 1982, 1996; Russev et al. 1984, 1994; Janeva & Russev 1989.

***Cricotopus* (*Isocladius*) *sylvestris* (Fabricius, 1794)** – DW, DM, E1, E2, P1, P2, B1, K9, V1, V4, V5, S1, S21, S22, S211, TL, T1, T31, O61, O62, R1, R2, R5, RW, RE, BN, BS; 0-2535 m; 1, 2, 3, 4, 5, 6; hno; Cvetkov 1955a, 1955b, 1962; Angelov 1956; Dimitrov 1957, 1960b, 1962a, 1962b, 1962c, 1962d, 1963a, 1963b, 1966, 1981, 1982; Valkanov 1957a; Belcheva 1959; Zaschev & Angelov 1959; Mihailova-Neikova 1961; Russev 1961, 1966a; Russev & Janeva 1975; Michailova 1976a, 1982a, 1989, 1996, 1998, 2006; Nachev 1983; Russev et al. 1984b, 1994; Islam et al. 1986; Janeva 1987, 1991; Janeva & Russev 1989, 1997; Stoichev 1994, 1996, 1998, 2000a, 2000b, 2001a, 2002; Kovachev et al. 1999; Janeva et al. 2001; Stoichev & Chernev 2001; Uzunov et al. 2001, 2011; Janeva & Bancheva 2002; Vidinova et al. 2008; Kenderov et al. 2008, 2012; Moskova & Uzunov 2011; Varadinova et al. 2011, 1912, 2013; Borisova et al. 2013; Trichkova et al. 2013; Ihtimanska et al. 2018.

***Cricotopus* (*Isocladius*) *tricinctus* (Meigen, 1818)** – DW, DM, E1, E2, K9, O61, R5, BN, BS; 0-800 m; 1, 2; h; Michailova 1982; Nachev 1983; Islam et al. 1986; Russev & Janeva 1986; Russev et al. 1987, 1994; Janeva & Russev 1989, 1997; Janeva 1991; Uzunov et al. 2011; Varadinova et al. 2013.

***Cricotopus* (*Isocladius*) *trifasciatus* (Meigen, 1810)** – DW, DM, E1, E2, P1, V4, O61, R5, RW; 50-1120 m; 1, 2, 3; ho; Michailova 1982a, 1988; Nachev 1983; Islam et al. 1986; Russev & Janeva 1986; Russev et al. 1987, 1991, 1994; Janeva & Russev 1997; Varadinova et al. 2013.

***Epoicocladius ephemerae* (Kieffer, 1924)** [*E. flavens* Malloch, 1915; *E. flavens* Saether, 1969] – DW, P1, P2, V5, R1, RW; 180-1550 m; 1, 2, 3, 4; wces, ? h; Dimitrov 1957, 1963a, 1966; Belcheva 1959; Russev 1964; Russev et al. 1991, 1994; Janeva & Russev 1997; Dashinov 2017.

? *Eukiefferiella atrofasciata* Goetghebuer, 1934 – RW; 900-1100 m; 1, 2, 3; cee; Michailova 1982.

***Eukiefferiella brehmi* Gowin, 1943** – O61; 316 m; 1; h; Nachev 1983.

***Eukiefferiella brevicalcar* (Kieffer, 1911)** – DW, DM, P2, O61, R1; 30-1960 m; 1, 2, 3, 4; wp; Nachev 1983; Islam et al. 1986; Janeva 1987; Russev et al. 1991, 1994; Stoichev 1994, 1996; Stoichev & Chernev 2001; Sakelarieva et al. 2008; Dashinov 2017.

***Eukiefferiella claripennis* (Lundbeck, 1898)** [*E. hospita* Edwards, 1929] – DW, DM, P1, P2, K7, K8, S1, TL, O61, O62, R1, R5, RW; 180-1000 m; 1, 2; ho; Dimitrov 1963a; Russev 1964; Michailova 1982; Nachev 1983; Russev et al. 1984a, 1984b, 1991, 1994; Islam et al. 1986; Janeva 1987, 1989; Stoichev 1994, 1996; Uzunov et al. 2011; Varadinova et al. 2013; Dashinov 2017.

***Eukiefferiella clypeata* (Thienemann, 1919)** [? *E. clypeata* (Kieffer, 1923)] – DW, DM, P1, S1, O61, R1, R5; 200-1550 m; 1, 2, 3; tp; Nachev 1983; Janeva & Russev 1985; Islam et al. 1986; Russev et al. 1991, 1994; Stoichev 1994, 1996; Stoichev & Chernev 2001; Sakelarieva et al. 2008; Uzunov et al. 2011; Trichkova et al. 2013; Varadinova et al. 2013.

***Eukiefferiella coerulescens* (Kieffer, 1926)** – DW, DM, P2, S211, O61, RW; 200-800 m; 1, 2; h; Dimitrov 1962d, 1963a; Nachev 1983; Russev et al. 1984, 1991, 1994.

***Eukiefferiella cyanea* Thienemann, 1936** – O61; 316 m; 1; h; Nachev 1983; Islam et al. 1986.

***Eukiefferiella fittkaui* Lehmann, 1972** – O61; 316 m; 1; eanna, ? wp; Nachev 1983.

***Eukiefferiella gracei* (Edwards, 1929)** [*E. longicalcar* Thienemann, 1926; *E. potthasti* Lehmann, 1972] – DW, DM, E1, E2, P1, B3, S1, TL, O61, R1, R5, RW, RE; 50-1200 m; 1, 2, 3; wcp, ? h; Dimitrov 1960a, 1962a, 1962d, 1963a, 1966; Russev 1966a, 1966b; Russev & Janeva 1975; Michailova 1982; Nachev 1983; Islam et al. 1986; Janeva 1987, 1989; Russev et al. 1991, 1994; Stoichev 1994, 1996; Janeva & Russev 1997; Ken-

derov et al. 2008, 2012; Soufi & Uzunov 2008; Vidinova et al. 2008; Moskova & Uzunov 2011; Uzunov et al. 2011; Varadinova et al. 2011, 2012, 2013; Ihtimanska et al. 2018.

***Eukiefferiella ilkleyensis* (Edwards, 1929)** [*E. lutethorax* Goetghebuer, 1949] – DW, DM, P1, O61, R1; 80-1400 m; 1, 2, 3; h; Nachev 1983; Islam et al. 1986; Janeva 1987; Stoichev 1994, 1996; Russev et al. 1994; Dashinov 2017.

***Eukiefferiella lobifera* Goetghebuer, 1934** – DW, P1, B1, K8, K9, S1, T31, O61, R5, RW, BS; 0-1200 m; 1, 2, 3; wp, ? h; Dimitrov 1963a, 1966; Nachev 1983; Islam et al. 1986; Stoichev 1994, 1996; Russev et al. 1984b, 1991, 1994; Uzunov et al. 2011; Varadinova et al. 2013.

? *Eukiefferiella longipes* Tshernovskij, 1949 [? Nomen dubium] – DW, P2, S1, TL, T1, O62, RE; 30-650 m; 1; ? wces; Dimitrov 1963a, 1966; Janeva 1987; Stoichev 1994, 1996.

? *Eukiefferiella masordarjensis* Pankratova, 1950 [? Nomen dubium] – DM, E1, O61, RW; 310-624 m; 1, 2; ? dp; Nachev 1983; Islam et al. 1986; Janeva 1989; Russev et al. 1994; Janeva & Russev 1997.

? *Eukiefferiella oxiana* Pankratova, 1950 [? Nomen dubium] – DW, DM, P1, P2; 50-250 m; 1; ? seeca; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996.

? *Eukiefferiella popovae* Tshernovskij, 1949 [? Nomen dubium] – TL, O61, RW; 200-1000 m; 1, 2; ? see; Dimitrov 1963a; Michailova 1982; Nachev 1983.

***Eukiefferiella similis* Goetghebuer, 1939** [*Crycotopus*] – DW, DM, E1, E2, P1, P2, B1, V4, TL, R1, R5, RW; 20-2350 m; 1, 2, 3, 4, 5; wcp, ? po; Russev 1959, 1966a, 1966b; Dimitrov 1962d, 1963a, 1966; Russev 1978; Janeva 1987; Stoichev 1994, 1996; Russev et al. 1994; Janeva & Russev 1997; Stoichev & Chernev 2001; Uzunov et al. 2001, 2011; Kenderov et al. 2008, 2012; Vidinova et al. 2008; Moskova & Uzunov 2011; Varadinova et al. 2011, 2012, 2013; Ihtimanska et al. 2018.

? *Eukiefferiella quadridentata* Chernovskij, 1949 [? Nomen dubium] – DM, E1, P2, K8, S1, TL, O61, R1, RW; 200-1550 m; 1, 2, 3; seess; Dimitrov 1963a; Michailova 1982; Nachev 1983; Janeva & Russev 1985, 1997; Islam et al. 1986; Janeva 1987, 1989; Russev et al. 1991; Stoichev 1994, 1996; Stoichev & Chernev 2001.

***Halocladius* (*Halocladius*) *millenarius* (Santos Abreu, 1918)** – BN; 0-15 m; 1; sena; Michailova 1989.

***Halocladius* (*Halocladius*) *variabilis* (Staeger, 1839)** – BN, NS; 0 m; 1; h; Valkanov 1936, 1957; Caspers 1951a, 1951b; Dimitrov 1963a; Michailova 1989.

***Halocladius* (*Halocladius*) *varians* (Staeger, 1839)** [*Cricotopus*] – BN, BS; 0 m; 1; h; Michailova 1975, 1989.

? *Halocladius vitripennis* (Meigen, 1818) [*Cricotopus*; ? Nomen dubium] – BN, BS; 0 m; 1; e; Strenzke 1951; Michailova 1975.

***Hydrobaenus lugubris* Fries, 1830** [*Trissocladius griseipennis* Goetghebuer, 1913] – BN; 0 m; 1; wces; Cvetkov 1955a, 1955b; Dimitrov 1963a.

***Krenosmittia boreoalpina* (Goetghebuer, 1944)** – DM, P2; ♠; h; Russev et al. 1994.

***Krenosmittia camptophleps* (Edwards, 1929)** – O61; 316 m; 1; tp, ? h; Nachev 1983.

***Lapposmittia parvibarba* Edwards, 1939** – T1; RW; 120-1480 m; 1, 2, 3, 4; wces; Dimitrov 1963a; Russev & Janeva 1975; Russev et al. 1984b.

***Limnophyes asquamatus* Andersen, 1937** [*L. septentrionalis* Goetghebuer, 1940] – DW, DM, E1, P2, S1, TL, O61, O62, RW, RE; 50-700 m; 1, 2; ho; Stoichev 1994, 1996.

? *Limnophyes karelicus* (Tshernovskij, 1949) [Nomen nudum] – DW, DM, V5, S211, T31, O61, BS; 0-100 m; 1; des; Nachev 1983; Islam et al. 1986; Russev et al. 1994; Stoichev 1996; Janeva & Russev 1989, 1997.

***Limnophyes minimus* (Meigen, 1818)** [*L. pusillus* Eaton, 1875] – DW, DM, E1, E2, P2, K3, TL, O61, R5, BN; 0-800 m; 1, 2; hptn, sk; Cvetkov 1955a, 1957; Valkanov 1957; Dimitrov 1962b, 1963a; Russev 1959, 1962, 1966a, 1966b; Nachev 1983; Russev et al. 1984, 1994; Islam et al. 1986; Uzunov et al 2011; Varadinova et al. 2013.

***Limnophyes pentaplastus* (Kieffer, 1921)** [*L. prolongatus* Kieffer, 1921] – DW, DM, E1, P1, P2, P3, B3, V5, S211, TL, T1, T31, O61, O62, R5, RW, RE, BN, BS; 0-1000 m; 1, 2; ho; Cvetkov 1955a, 1955b; Valkanov 1957a; Dimitrov 1962d, 1963a, 1966; Russev 1977; Nachev 1983; Islam et al. 1986; Stoichev 1994, 1996, 2001a; Russev et al. 1994; Janeva & Russev 1997; Uzunov et al 2011; Varadinova et al. 2013.

? *Limnophyes pseudoprolongatus* Botnariuc et Cindea-Cure, 1954 [? Nomen dubium] – O61; 316 m; 1; ? see; Nachev 1983; Islam et al. 1986.

? *Limnophyes transcaucasicus* Tshernovskij, 1949 [? Nomen dubium] – DM, V4; 20-800 m; 1, 2; ? wces; Russev 1966b; Islam et al. 1986; Janeva & Russev 1997.

***Metriocnemus* (*Metriocnemus*) *albolineatus* (Meigen, 1818)** [*M. atratulus* Zetterstedt, 1850] – DW, E1, E2, P2, V1, S1, RW; 20-1000 m; 1, 2; ho; Nedelkov 1912; Janeva & Russev 1985; Islam et al. 1986; Janeva 1987; Michailova 1989, 2006; Russev et al. 1994.

***Metriocnemus* (*Metriocnemus*) *cavicola* Kieffer, 1921** [*M. martinii* Thienemann, 1921] – S1; 330-350 m; 1; e; Russev et al. 1984.

***Metriocnemus* (*Metriocnemus*) *fuscipes* (Meigen, 1818)** – O61; 320 m; 1; h; Nachev 1983.

***Metriocnemus* (*Metriocnemus*) *eurynotus* (Holmgren, 1883)** [*M. hygropetricus* Kieffer, 1912] – P1, P2, P3, B1, B3, S1, T1, O61, O62, R1, RE; 300-1000 m; 1, 2; ho; Arndt 1943; Dimitrov 1963a; Russev 1966b; Janeva 1987; Stoichev 1994, 1996; Russev et al. 1994; Kenderov et al. 2008, 2012.

***Metriocnemus* (*Metriocnemus*) *picipes* (Meigen, 1818)** – DM, P2; ♠; ho; Russev et al. 1994.

***Metriocnemus* (*Metriocnemus*) *terrester* Pagast, Thienemann & Krueger, 1941** – P2; 185-380 m; 1; e; Russev et al. 1984.

***Metriocnemus* (*Metriocnemus*) *ursinus* (Holmgren, 1869)** – S1; 350 m; 1; h; Janeva & Russev 1985.

***Nanocladius* (*Nanocladius*) *dichromus* (Kieffer, 1906)** [*N. bicolor* (Zetterstedt, 1938); *Microcricotopus*; *Eukiefferiella*] – DW, DM, E1, P1, P2, K3, K8, V5, S1, S211, T1, O61, RW; 50-1200 m; 1, 2, 3; wces; Russev & Janeva 1975; Nachev 1983; Russev et al. 1984, 1987, 1991, 1994; Janeva & Russev 1985, 1989, 1997; Islam et al. 1986; Janeva 1989, 1991.

***Nanocladius* (*Nanocladius*) *parvulus* (Kieffer, 1909)** – DM, P2; ♠; h; Russev et al. 1994.

? *Orthocladius barbatus* Kieffer, 1900 [? nomen dubium] – DM, P2, S1, TL, T1, T31, O61, O62, R5, RE, BS; 50-700 m; 1, 2; e; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

? *Orthocladius bulgarensis* Goetghebuer, 1938 [? Nomen dubium] – BN; 0 m; 1; see; Dimitrov 1963a.

? *Orthocladius calliginosa* Pancratova, 1950 [invalid; Orthocladinae gen. ? *calliginosa* Pankr.] – DW, K7, K8, K9, O61, O62; 90-500 m; 1; seet; Islam et al. 1986; Janeva 1987.

? *Orthocladius murvanidzei* (Chernovskij, 1949) [? Nomen dubium] – DW, DM, P1, P2, V5, S211, TL, O61, O62, R1, R5, RW; 150-2440 m; 1, 2, 3, 4, 5, 6; wces; Dimitrov 1962d, 1963a, 1966; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

***Orthocladius* (*Eudactylocladius*) *fuscimanus* (Kieffer, 1908)** [*O. bipunctellus* auct.] – RW, BN; 0-1560 m; 1, 2, 3; wp; Michailova 1985, 1989, 2006.

***Orthocladius* (*Eudactylocladius*) *olivaceus* (Kieffer, 1911)** – DW, DM, E1, P1, P2, P3, B3, T31, RW, RE, BS; 0-1100 m; 1, 2, 3; h; Dimitrov 1963a, 1966; Michailova 1985, 1989, 2006; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

***Orthocladius* (*Euorthocladius*) *abiskoensis* Thienemann & Krueger, 1937** – R5, RW; 800-1100 m; 2, 3; h; Michailova 1989, 2006.

***Orthocladius* (*Euorthocladius*) *rivicola* Kieffer, 1911** – P1, P2, TL; 150-220 m; 1; h, ? ho; Dimitrov 1963a, 1966; Russev et al. 1994.

***Orthocladius* (*Euorthocladius*) *rivulorum* Kieffer, 1909** – DW, DM, P2, K9, O61, R5, RW; 60-1020 m; 1, 2, 3; h; Nachev 1983; Islam et al. 1986; Janeva 1987, 1989; Russev et al. 1994; Janeva & Russev 1997; Uzunov et al. 2011; Varadinova et al. 2013.

***Orthocladius* (*Euorthocladius*) *saxosus* (Tokunaga, 1939)** – DM, E1, P2, O61; 50-330 m; 1; h; Nachev 1983; Russev et al. 1994; Stoichev 1996; Janeva & Russev 1997.

***Orthocladius* (*Euorthocladius*) *thienemanni* Kieffer, 1906** – DW, DM, E1, P1, P2, K3, K7, K8, K9, V1, S1, O61, O62, R2, R5, RW; 30-1100 m; 1, 2, 3; h; Nachev 1983; Russev et al. 1984, 1987, 1991, 1994; Michailova 1985, 1989, 2006; Janeva & Russev 1985; Islam et al. 1986; Janeva 1987, 1989, 1991; Stoichev 1994, 1996; Uzunov et al. 2011; Varadinova et al. 2013.

***Orthocladius* (*Mesorthocladius*) *frigidus* (Zetterstedt, 1838)** – DW, DM, E1, P1, P2, K9, S1, T1, R1, RW, RE; 100-1500 m; 1, 2, 3; h, ? ho; Michailova 1982a, 1985, 1989, 2006; Islam et al. 1986; Janeva 1989; Russev et al. 1994; Stoichev 1994, 1996; Dashinov 2017.

***Orthocladius* (*Orthocladius*) *oblidens* (Walker, 1856)** – R5, RW; 800-1000 m; 2; h; Michailova 1982a, 1985, 1989.

***Orthocladius* (*Orthocladius*) *rubicundus* (Meigen, 1818)** [*O. saxicola* Kieffer, 1911] – DW, DM, E1, P1, P2, K3, K7, K8, K9, V4, S1, T1, O61, O62, R2, R5, RW, BN; 0-1560 m; 1, 2, 3, 4; h, ? hop; Cvetkov 1955a, 1955b; Valkanov 1957a; Dimitrov 1963a; Michailova 1982a, 1985, 1989, 2006; Russev et al. 1984, 1987, 1991, 1994; Janeva & Russev 1985; Islam et al. 1986; Janeva 1987, 1989; Stoichev 1994, 1996; Uzunov et al. 2011; Varadinova et al. 2013.

***Orthocladius* (*Pogonocladius*) *consobrinus* (Holmgren, 1869)** – TL, BN; 0-200 m; 1; h, ? hoes, ? h; Michailova 1982a, 1989.

***Orthocladius* (*Symposiocladius*) *lignicola* Kieffer, 1914** [*S. xylophila* Botnarius et Cure, 1956] – E1, P2, TL, R1, R5; 150-1800 m; 1, 2, 3, 4; ho; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997; Dashinov 2017.

***Paracladius conversus* (Walker, 1856)** – DW, DM, P1, P2, K3, K9, V5, S1, O61, RW, BS; 0-1000 m; 1, 2, 3; h; Nachev 1983; Janeva & Russev 1985; Islam et al. 1986; Janeva 1987, 1991; Michailova 1989, 2006; Russev et al. 1991, 1994; Dashinov 2017.

? *Paracladius inaequalis* Kieffer, 1926 [? Nomen dubium; *Trichocladius*] – P2, V5, S1, S211, TL, T1, R1, RW; 150-1200 m; 1, 2, 3; ? e; Dimitrov 1957, 1960a, 1962b, 1962d, 1963a, 1966; Cvetkov 1962; Russev 1966a; Russev et al. 1984b; Michailova 1989, 2006.

***Paracricotopus niger* (Kieffer, 1913)** – DM, P2; ♠; 1; ena; Russev et al. 1994.

***Parakiefferiella bathophila* (Kieffer, 1912)** [*Orthocladius*] – DW, DM, E1, E2, P1, P2, S1, TL, T1, O61, O62, R5, RW, RE; 20-700 m; 1, 2; h; Russev 1966b; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996; Michailova 1998; Uzunov et al. 2001, 2011; Varadinova et al. 2011, 2012, 2013; Ihtimanska et al. 2018.

***Paralimnophyes longiseta* (Thienemann, 1919)** [*P. hydrophilus* Goetghebuer, 1921] – R5; 5-800 m; 1, 2; des; Uzunov et al. 2011; Varadinova et al. 2013.

***Parametriocnemus stylatus* (Spaerck, 1923)** – DW, DM, P1, P2, K3, K8, V5, S1, T1, O61, O62, R1, R5, RW; 100-1970 m; 1, 2, 3, 4; po, ? ho; Nachev 1983; Janeva & Russev 1985, 1997; Islam et al. 1986; Janeva 1987, 1989, 1991; Russev et al. 1991, 1994; Uzunov et al. 2011; Varadinova et al. 2013; Dashinov 2017.

***Paratrichocladius rufiventris* (Meigen, 1830)** – K9, O61; 320-445 m; 1; ho; Nachev 1983; Islam et al. 1986.

***Paratrissocladius excerptus* (Walker, 1856)** [*Trissocladius fluviatilis* Goetghebuer, 1937] – O61; 320 m; 1; ppt; Nachev 1983.

***Parorthocladius nudipennis* (Kieffer, 1908)** [? *Synorthocladius*] – DW, DM, P1, P2, O61, R1, RW; 50-1200 m; 1, 2, 3; tp; Dimitrov 1962d, 1966; Nachev 1983; Islam et al. 1986; Janeva 1987; Stoichev 1994, 1996; Janeva & Russev 1997; Stoichev & Chernev 2001; Sakelarieva et al. 2008.

***Propsilocerus lacustris* Kieffer, 1923** [? *P. orielica* Chernovskij, 1949] – BN; 0 m; 1; cee; Thienemann 1936; Cvetkov 1955a, 1955b, 1957; Valkanov 1957a; Dimitrov 1963a.

***Psectrocladius* (*Allopsectrocladius*) *obvius* (Walker, 1856)** [*P. dilatatus* van der Vulp, 1858] – DW, DM, E1, P1, P2, S1, TL, R5, RW, BN; 30-1200 m; 1, 2, 3; h; Cvetkov 1955a, 1962; Valkanov 1957a; Belcheva 1959; Dimitrov 1963a; Russev et al. 1984b, 1994; Janeva 1987; Michailova 1989, 2006; Uzunov et al. 2011; Borisova et al. 2013; Varadinova et al. 2013.

***Psectrocladius* (*Allopsectrocladius*) *platypus* (Edwards, 1929)** – O61, O62; 75-320 m; 1; eanna; Nachev 1983; Islam et al. 1986.

***Psectrocladius* (*Psectrocladius*) *barbimanus* (Edwards, 1929)** [*P. ishimicus* Chernovskij, 1949] – E2, V1, TL, O61; 20-550 m; 1, 2; h; Dimitrov 1962b, 1963a; Islam et al. 1986; Michailova 1989, 1998; Uzunov et al. 2001; Varadinova et al. 2011, 2012; Ihtimanska et al. 2018.

***Psectrocladius* (*Psectrocladius*) *delatoris* Zelentsov, 1980** – RW; 1000-1550 m; 2, 3, 4; wces; Michailova 1989, 2006.

***Psectrocladius* (*Psectrocladius*) *psilopterus* (Kieffer, 1906)** – DW, DM, P2, TL, O61, O62, R1, R5, RW, BN; 30-2324 m; 1, 2, 3, 4, 5; h; Cvetkov 1955a; Valkanov 1957a; Belcheva 1959; Dimitrov 1960b, 1962a, 1963a; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996, 2000a; Varadinova et al. 2013.

***Psectrocladius* (*Psectrocladius*) *simulans* (Johannsen, 1937)** – P2, TL, R1, RW, RE; 150-2324 m; 1, 2, 3, 4, 5; h; Dimitrov 1962a, 1962b, 1962c, 1963a; Janeva 1987; Russev et al. 1994; Stoichev 2000a.

***Pseudosmittia angusta* (Edwards, 1929)** – P1, B1, O61; 320-600 m; 1; h; Nachev 1983; Islam et al. 1986; Russev et al. 1991, 1994.

***Pseudosmittia gracilis* (Goetghebuer, 1913)** – O61, R5; 320-800 m; 1, 2; wces, h; Nachev 1983; Islam et al. 1986; Uzunov et al. 2011; Varadinova et al. 2013.

***Pseudosmittia holsata* Thienemann & Strenzke, 1940** – O61; 230 m; 1; h; Nachev 1983; Islam et al. 1986;.

***Rheocricotopus* (*Psilocricotopus*) *atripes* (Kieffer, 1913)** – BN; 0 m; 1; wcp; Caspers 1951a; Strenzke 1951.

***Rheocricotopus* (*Psilocricotopus*) *chalybeatus* (Edwards, 1929)** – R5; 790-850 m; 2; tp; Michailova 1989.

***Rheocricotopus* (*Rheocricotopus*) *effusus* (Walker, 1856)** [*R. brunensis* Goetghebuer, 1937; *R. dorhieri* Goetghebuer, 1932; *Rheotanytarsus*] – DW, DM, E1, P1, P2, B2, K3, K7, K8, K9, S1, T1, O61, O62, R2, R5, RW; 60-1950 m; 1, 2, 3, 4; ho; Nachev 1983; Russev et al. 1984, 1987, 1991, 1994; Janeva & Russev 1985, 1989,

1997; Islam et al. 1986; Russev & Janeva 1986; Janeva 1989, 1991; Michailova 1989, 2006; Stoichev 1994, 1996; Uzunov et al. 2011; Varadinova et al. 2013.

? *Rheosmittia delicatula* Botnariuc et Cure, 1956 [? Invalid; Orthocladinae, Nomen nudum] – DM, P2, O61; 330 m 1; wces; Nachev 1983; Russev et al. 1994.

***Smittia aterrima* (Meigen, 1818)** [*Camptocladius*] – V1; 550 m; 1; ho; ? hop; Nedelkov 1912.

***Smittia contingens* (Walker, 1856)** [*S. aquatilis* Goetghebuer, 1921] – DM, TL, O61, O62, R5; 35-350 m; 1; wp, ? wes; Nachev 1983; Islam et al. 1986; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

***Smittia duplicata* Strenzke, 1951** – BN; 0 m; 1; Ebg; Caspers 1951a, 1951b; Strenzke 1951; Pape & Beuk 2017.

***Smittia nudipennis* (Goetghebuer, 1913)** [*Camptocladius*] – DW, DM, P1, P2, B1, S1, T1, O61, O62; 100-550 m; 1; tp; Stoichev 1994, 1996; Russev et al. 1991, 1994; Janeva & Russev 1997.

? *Smittia sedula* Konstantinov, 1952 [? Nomen dubium] – DW, E1, DM, P2, TL, R5; 250-800 m; 1, 2; ? des; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

? *Smittia septentrionalis* Chernovskij, 1949 [? Nomen dubium; Kieffer, 1922] – DW, DM, P2, P3, S1, TL, T1, O61, O62, BN; 100-500 m; 1; ? wces; Dimitrov 1962b, 1963a; Stoichev 1994, 1996; Janeva & Russev 1997.

***Symbiocladius rhithrogenae* (Zavrel, 1924)** – R1; 1120-1960 m; 3, 4; des; Dashinov 2017; Dashinov & Vidinova 2018.

***Synorthocladius semivirens* (Kieffer, 1909)** – DM, P1, P2, V5, S1, S211, O61, R1, R5, RW; 30-2250 m; 1, 2, 3, 4, 5; ho; Dimitrov 1962d, 1963a, 1966; Russev 1966a; Nachev 1981; Russev et al. 1984, 1991, 1994; Janeva & Russev 1985, 1997; Islam et al. 1986; Janeva 1987, 1989; Stoichev 1994, 1996; Stoichev & Chernev 2001; Uzunov et al. 2011; Varadinova et al. 2013; Dashinov 2017.

***Thienemannia gracilis* Kieffer, 1909** – R1, RW; 550-1850 m; 1, 2, 3, 4; e; Dimitrov 1962d, 1963a.

***Thienemanniella acuticornis* (Kieffer, 1912)** [*T. fusca* Kieffer, 1925] – DM, P2, R1; 50-600 m; 1; po Dimitrov 1966; Russev 1966a; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

***Thienemanniella clavicornis* (Kieffer, 1911)** [*Metriocnemus*] – DW, DM, E1, E2, P1, P2, B2, K3, V5, T1, O61, R1; 20-1950 m; 1, 2, 3, 4; po Nachev 1983; Janeva & Russev 1985, 1997; Islam et al. 1986; Janeva 1987, 1991; Russev et al. 1991, 1994; Stoichev 1994, 1996; Dashinov 2017.

? *Thienemanniella flaviforceps* Kieffer, 1925 [? Nomen dubium] – DW, S1, R1; 30-1850 m; 1, 2, 3, 4; wces; Dimitrov 1960a, 1962d, 1963a 1966; Russev 1966a; Russev et al. 1991.

? *Thienemanniella nana* Kieffer, 1911 [*Corynoneura*; ? Nomen dubium] – DM, P2; ♠; ? e; Russev et al. 1994.

? *Trissocladius nudisquama* Chernovskij, 1949 [? Nomen dubium] – R5; 800 m; 2; ee; Michailova 1982.

***Tvetenia bavarica* (Goetghebuer, 1934)** [*Eukiefferiella*] – DW, DM, E1, P1, P2, K8, V5, S211, O61, R1, R5; 30-900 m; 1, 2; wp, ? h; Michailova 1982; Islam et al. 1986; Janeva 1987; Janeva & Russev 1989, 1997; Russev et al. 1991, 1994; Stoichev 1994, 1996; Stoichev & Chernev 2001; Sakelarieva et al. 2008; Varadinova et al. 2013.

***Tvetenia calvescens* (Edwards, 1929)** [*Eukiefferiella*] – DW, DM, E1, E2, P1, P2, P3, B1, B3, K7, K8, S1, TL, T1, T31, O61, O62, R1, R5, RW, BS; 20-2250 m; 1, 2, 3, 4, 5; hat; Dimitrov 1962a, 1962d, 1963a, 1966; Russev 1964, 1966a; Russev & Janeva 1975; Nachev 1983; Russev et al. 1984b, 1991, 1994; Janeva & Russev 1985; Islam et al. 1986; Janeva 1987, 1989, 1991; Stoichev 1994, 1996; Stoichev & Chernev 2001; Sakelarieva et al. 2008; Moskova & Uzunov 2011; Uzunov et al. 2011; Kenderov et al. 2012; Varadinova et al. 2013; Dashinov 2017.

***Tvetenia discoloripes* (Goetghebuer & Thienemann, 1936)** [*Eukiefferiella*] – DW, DM, P1, P2, O61, R5; 30-800 m; 1, 2; ? wp; Michailova 1982; Nachev 1983; Russev et al. 1991, 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

***Tvetenia tshernovskii* Pankratova, 1968** [*Eukiefferiella*] – DW, DM, P1, P2, K7, K8, K9, S1, O61; 35-590 m; 1, 2; h; Janeva & Russev 1985; Islam et al. 1986; Janeva 1987, 1991; Russev et al. 1994; Stoichev 1994, 1996.

***Tvetenia verralli* (Edwards, 1929)** – K3; 600-610 m; 1, 2; wcp, ? h; Islam et al. 1986.

***Zalutschia mucronata* (Brundin, 1949)** [*Orthocladius potamophila* (Chernovskij, 1949); *Trissocladius*] – DW, DM, E1, E2, P1, P2, V5, S211, TL, R1, RW; 20-1050 m; 1, 2, 3; wces; Dimitrov 1962a, 1962d, 1963a, 1966; Russev 1966a, 1966b, 1978; Janeva 1987, 1991; Russev et al. 1994; Janeva & Russev 1997.

***Zalutschia tatrica* (Pagast, 1935)** [*Orthocladius*] – RE; 230-250 m; 1; h; Dimitrov 1963a; Russev 1964.

***Baeotendipes noctivagus* (Kieffer, 1911)** [*Halliella caspersi* Strenzke, 1951] – BS; 0 m; 1; hom; Lenz 1950; Strenzke 1951a, 1951b; Caspers 1951a, 1951b, 1952, 1957; Valkanov 1957a; Dimitrov 1963a; Georgiev & Nikolov 2010.

***Beckidia zabolotzkyi* (Goetghebuer, 1938)** [*Cryptochironomus*] – DM, E1, P1, P2, R5; 50-800 m; 1, 2; des, ? tes; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997; Kenderov et al. 2012.

***Chironomus* (*Chironomus*) *aberratus* Keyl, 1961** – BN, BS; 0-20 m; 1; e; Michailova 1982, 1989.

***Chironomus* (*Chironomus*) *acidophilus* Keyl, 1960** – TL, RW; 185-1250 m; 1, 2, 3; e; Michailova 1982, 2006.

***Chironomus alluaudi* Kieffer, 1913** – V1; 520 m; 2; ? atm; Michailova 1982a.

***Chironomus* (*Chironomus*) *anchialicus* Michailova, 1974** – BS; 0 m; 1; see; Michailova 1973b, 1974, 1989.

***Chironomus* (*Chironomus*) *annularius* Meigen, 1818** – DW, E2, V1, TL, O61, R5, RW, BN; 0-1230 m; 1, 2, 3; h; Nedelkov 1912; Michailova 1982a, 1989, 1996, 1998; Uzunov et al. 2001; Varadinova et al. 2011, 2012; Ihtimanska et al. 2018; Michailova et al. 2018.

***Chironomus* (*Chironomus*) *curabilis* Belyanina, Sigareva & Loginova, 1990** – E1; 15-20 m; 1; ee; Polukonova et al. 2005.

***Chironomus* (*Chironomus*) *pallidivittatus* Edwards, 1929** [*Camptochironomus*] – E1, E2; 15-20 m; 1; ho; Michailova 1989; Ihtimanska et al. 2018.

***Chironomus* (*Chironomus*) *tentans* Fabricius, 1805** [*Camptochironomus*] – BS; 0-20 m; 1; ho; Michailova 1989.

***Chironomus* (*Chironomus*) *anthracinus* Zetterstedt, 1860** [*Tendipes bathophilus* Kieffer, 1912] – P2, BS; 0-224 m; 1; h; Zaschev & Angelov 1959; Janeva 1987.

***Chironomus* (*Chironomus*) *aprilinus* Meigen, 1818** [*Ch. halophilus* Kieffer, 1913] – V1, R1, BN, BS; 0-2250 m; 1, 2, 3, 4, 5; wp; Nedelkmov 1912; Caspers 1951a, 1951b, 1957; Strenzke 1951a; Michailova 1989, 1996; Stoichev 1996.

***Chironomus* (*Chironomus*) *balatonicus* Devai, Wuelker & Scholl, 1983** – E2, TL, BN, BS; 0-180 m; 1; cee, ? e; Michailova 1989, 1996; Michailova & Krastanov 2000; Gunderina et al. 2008; Ihtimanska et al. 2018.

***Chironomus* (*Chironomus*) *bernensis* Kloetzli, 1973** – TL, R5; 150-750 m; 1, 2; wp; Michailova 1989, 2006; Michailova et al. 2016.

***Chironomus* (*Chironomus*) *bonus* Shilova & Dzhvarsheishvili, 1974** – BN; 0 m; 1; ? e; Michailova 1994, 1996.

***Chironomus* (*Chironomus*) *acerbiphilus* Tokunaga, 1939** [*Ch. crassimanus* Strenzke, 1959] – RW, BN; 0-1100 m; 1, 2, 3; des; Michailova 1982a, 1989.

***Chironomus* (*Chironomus*) *heterodentatus* Konstantinov, 1956** – DW, P1; 35-217 m; 1; ee; Janeva & Russev 1989; Russev et al. 1991, 1994.

***Chironomus* (*Chironomus*) *luridus* Strenzke, 1959** – V1, TL, BN; 0-600 m; 1, 2; wp; Michailova 1989.

***Chironomus* (*Chironomus*) *muratensis* Ryser, Scholl & Wuelker, 1983** – TL, RW, BS; 0-760 m; 1, 2; ? wes; Michailova 1989, 2006.

***Chironomus* (*Chironomus*) *nuditarsis* Keyl, 1961** – DW, E2, P1, V1, TL, O61, O62, RW, BN; 0-1280 m; 1, 2, 3; ? wp; Michailova 1982a, 1989; Polukonova et al. 2005; Kiknadze et al. 2006; Ihtimanska et al. 2018.

***Chironomus* (*Chironomus*) *obtusidens* Goetghebuer, 1921** – BN. BS; 0-50 m; 1; wces; Michailova 1989.

***Chironomus* (*Chironomus*) *parathummi* Keyl, 1961** – E2, BN, BS; 0-20 m; 1; ? e, ? wes; Michailova 1989.

***Chironomus* (*Chironomus*) *piger* Strenzke, 1956** – V5, S211, RW, BS; 0-1100 m; 1, 2, 3; wp; Michailova 1989, 2006; Ilkova et al. 2007; Michailova et al. 2012, 2015.

***Chironomus* (*Chironomus*) *pilicornis* (Fabricius, 1787)** [*Ch. niveipennis* Fabricius, 1805] – V1; 600 m; 1, 2; wes; Nedelkov 1912.

***Chironomus* (*Chironomus*) *plumosus* (Linnaeus, 1758)** [*Ch. plumosus* f. l. *semireductus* Lenz, 1924] – DW, DM, E1, E2, P1, P2, P3, B1, B2, B3, K9, V1, V4, S1, S21, S22, TL, T1, T31, O61, O62, R1, R2, R5, RW, RE, BN, BS; 0-2394 m; 1, 2, 3, 4, 5; hno; Nedelkov 1912; Thienemann 1936; Valkanov 1936, 1941b, 1957a; Arndt 1943; Caspers 1951a, 1951b; Strenzke 1951; Cvetkov 1955a, 1955b, 1957, 1958, 1962; Dimitrov 1957, 1960a, 1960b, 1962a, 1962b, 1962c, 1963a, 1966, 1981, 1982; Belcheva 1959; Russev 1959, 1961, 1962, 1964, 1966a, 1966b, 1978; Zaschev & Angelov 1959; Mihailova-Neikova 1961; Michailova 1982a, 1989, 1998, 2006; Nachev 1983; Russev et al. 1984b, 1987, 1991, 1994; Islam et al. 1986; Janeva 1987; Stoichev 1994, 1996, 2001a; Kovachev & Stoichev 1996; Janeva & Russev 1989, 1997; Kovachev et al. 1999; Michailova & Krastanov 2000; Uzunov et al. 2001, 2011; Janeva & Bancheva 2002; Gunderina et al. 2008; Kenderov et al. 2008, 2012; Soufi & Uzunov 2008; Varadinova et al. 2011, 2012, 2013; Borisova et al. 2013; Trichkova et al. 2013; Georgieva et al. 2017; Ihtimanska et al. 2018.

***Chironomus* (*Chironomus*) *prasinus* Meigen, 1804** – V1; 550-650 m; 1; e; Nedelkov 1912.

***Chironomus* (*Chironomus*) *pseudothummi* Strenzke, 1959** – TL, BN; 0-160 m; 1; ? wp, ? wes; Michailova 1989.

***Chironomus* (*Chironomus*) *riparius* Meigen, 1804** [*Ch. thummi* Kieffer, 1911; ? *Ch. anomalus* (Kieffer, 1921)] – DW, DM, E1, E2, P1, P2, P3, B1, B2, K7, K8, K9, V1, V4, V5, S1, S21, S22, S211, TL, T1, T31, O61, O62, R1, R2, R5, RW, RE, BN, BS; 0-2535 m; 1, 2, 3, 4, 5, 6; hn; Nedelkov 1912; Thienemann 1936; Valkanov 1936, 1957a; Caspers 1951a; Strenzke 1951; Cvetkov 1955a; Belcheva 1959; Kolarov 1959; Russev 1959, 1961, 1964, 1966a, 1966b, 1977, 1978; Dimitrov 1960b, 1962a, 1962b, 1962d, 1963a, 1966, 1981; Russev & Janeva 1975, 1986, 1989; Michailova 1982a, 1989, 1996, 2006; Janeva & Russev 1985, 1997; Islam et al. 1986; Janeva 1987, 1989, 1991; Russev et al. 1987, 1991, 1994; Stoichev 1994, 1996, 1998, 2000a, 2000b, 2001a, 2002; Kovachev et al. 1999; Janeva et al. 2001; Stoichev & Chernev 2001; Janeva & Bancheva 2002; Ilkova et al. 2007; Kenderov et al. 2008, 2012; Sakelarieva et al. 2008; Soufi & Uzunov 2008; Vidinova et al. 2008; Moskova & Uzunov 2011; Uzunov et al. 2011; Varadinova et al. 2011, 2012, 2013; Michailova et al. 2012; Borisova et al. 2013; Trichkova et al. 2013; Ilkova et al. 2014; Georgieva et al. 2017; Ihtimanska et al. 2018.

***Chironomus* (*Chironomus*) *salinarius* Kieffer, 1915** [*Tendipes*] – P2, S1, TL, BN, BS; 0-380 m, 1; tp; Thienemann 1936; Valkanov 1936, 1957a; Lenz 1950; Caspers 1951a, 1951b, 1952, 1957; Strenzke 1951; Cvetkov 1955a, 1958; Dimitrov 1957, 1960a, 1960b, 1962a, 1962b, 1963a; Zaschev & Angelov 1959; Mihailova-Neikova 1961; Michailova 1980b, 1989, 1996; Stoichev 1996; Kovachev et al. 1999.

***Chironomus* (*Chironomus*) *sororius* Wuelker, 1973** – R5; 860 m; 2; e; Michailova 1982a.

***Chironomus* (*Chironomus*) *uliginosus* Keyl, 1960** – E1, P1, TL; 50-180 m; 1; e, ? wes; Michailova 1982.

***Chironomus* (*Chironomus*) *usenicus* Loginova & Belyanina, 1994** – V1; 600 m; 1, 2; ? ee; Michailova 2004.

***Chironomus* (*Chironomus*) *valkanovi* Michailova, 1974** – BS; 0; 1; see; Michailova 1973, 1974a, 1980b, 1985b; Belcheva & Michailova 1980.

***Chironomus* (*Lobochironomus*) *dorsalis* Meigen, 1818** [? *Ch. dorsalis* var. *venustus* Staeger, 1839; *Ch. longipes* Staeger, 1839; *Einfeldia*] – DW, P2, V1, TL, R1, R5, RW, BN; 0-2537 m; 1, 2, 3, 4, 5, 6; h; Nedelkov 1912; Michailova 1982, 1989, 2006; Russev et al. 1984, 1994; Stoichev 2000a; Trichkova et al. 2013; Varadinova et al. 2013.

***Cladopelma fridmanae* (Chernovskij, 1949)** [*Cryptochironomus*; ? nomina dubia] – DW, DM, E1, S1, TL, R5, RW; 50-1550 m; 1, 2, 3, 4; des; Dimitrov 1960a, 1960b, 1962b, 1963a; Michailova 1982, 1989, 2006; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

***Cladopelma viridulum* (Linnaeus, 1767)** [*Cryptochironomus*] – TL, BS; 0-160 m; 1; ho; Mihailova-Neikova 1961; Cvetkov 1962; Dimitrov 1962b, 1963a.

? *Cryptochironomus anomalus* (Kieffer, 1918) [? nomen dubium] – BS; 0 m; 1; ? e; Mihailova-Neikova 1961; Dimitrov 1963a.

? *Cryptochironomus conjugens* (Kieffer, 1921) [? nomen dubium] – E1, P2, V5, S1, TL, RE, BN; 0-400 m; 1; ? wces; Cvetkov 1955a, 1955b, 1957, 1962; Valkanov 1957a; Dimitrov 1957, 1960a, 1960b, 1962b, 1962c, 1962d, 1963a; Russev 1959, 1966b.

***Cryptochironomus* (*Cryptochironomus*) *defectus* (Kieffer, 1913)** – DW, DM, E1, E2, P1, P2, P3, B1, B2, B3, K8, K9, V1, V5, S1, S21, S22, S211, TL, T1, T31, O61, O62, R1, R2, RW, RE, BN, BS; 0-2545 m; 1, 2, 3, 4, 5, 6; pa; Cvetkov 1955a, 1955b, 1957, 1962; Valkanov 1957a; Dimitrov 1957, 1960a, 1960b, 1962b, 1962c, 1962d, 1963a, 1966, 1982; Mihailova-Neikova 1961; Russev 1962, 1963, 1966a, 1966b; Nachev 1983; Russev et al. 1984b, 1987, 1991, 1994; Janeva & Russev 1985; Islam et al. 1986; Russev & Janeva 1986; Janeva 1987, 1991; Janeva & Russev 1989, 1997; Michailova 1989, 1996, 1998; Stoichev 1994, 1996, 1998, 2000a, 2000b, 2001, 2002; Kovachev & Stoichev 1996; Kovachev et al. 1999; Janeva et al. 2001; Stoichev & Chernev 2001; Uzunov et al. 2001, 2011; Janeva & Bancheva 2002; Kenderov et al. 2008, 2012; Sakelarieva et al. 2008; Soufi & Uzunov 2008; Vidinova et al. 2008; Moskova & Uzunov 2011; Varadinova et al. 2011, 2012, 2013; Borisova et al. 2013; Trichkova et al. 2013; Dashinov 2017; Ihtimanska et al. 2018.

***Cryptochironomus* (*Cryptochironomus*) *psittacinus* (Meigen, 1830)** – BS; 0-20 m; 1; h; Nedelkov 1912; Islam et al. 1986.

***Cryptochironomus* (*Cryptochironomus*) *redekei* (Kruseman, 1933)** – TL; 150-180 m; 1; wces; Michailova 1982.

***Cryptochironomus* (*Cryptochironomus*) *rostratus* Kieffer, 1921** – K8; 590-600 m; 1, 2; wpo; Islam et al. 1986.

***Cryptochironomus* (*Cryptochironomus*) *supplicans* (Meigen, 1830)** – R5; 500-800 m; 1, 2; ? wp, ? wcp; Uzunov et al. 2011; Varadinova et al. 2013.

***Demicryptochironomus* (*Demicryptochironomus*) *vulneratus* (Zetterstedt, 1838)** – DM, E1, P2, P3, B3, TL, T1, O61, O62, R1, R5, RW, RE, BN, BS; 0-2228 m; 1, 2, 3, 4, 5; po; Mihailova-Neikova 1961; Dimitrov 1963a; Nachev 1983; Islam et al. 1986; Janeva 1987; Michailova 1989; Russev et al. 1994; Stoichev 1994,

1996, 2000a; Janeva & Russev 1997; Stoichev & Chernev 2001; Sakelarieva et al. 2008; Uzunov et al. 2011; Kenderov et al. 2008, 2012; Varadinova et al. 2013.

***Dicrotendipes lobiger* (Kieffer, 1921)** – V1, V3, BN; 0-958 m; 1, 2; h; Michailova 1989; 2009.

***Dicrotendipes modestus* (Say, 1823)** [*Trichotanypus*] – DW; 30 m; 1; h; Zilachi 1934.

***Dicrotendipes nervosus* (Staeger, 1839)** [*Limnochironomus*] – DW, DM, E1, E2, P2, K3, V1, S1, TL, T1, O61, O62, R1, R5, RW, RE, BN, BS; 0-2440 m; 1, 2, 3, 4, 5; ho; Cvetkov 1955a, 1955b, 1957, 1962; Valkanov 1957a; Mihailova-Neikova 1961; Dimitrov 1962b, 1962c, 1963a, 1966; Russev 1966b; Michailova 1982, 1989, 1996; Russev et al. 1984, 1987, 1991, 1994; Janeva & Russev 1985, 1989, 1997; Islam et al. 1986; Janeva 1987, 1991; Stoichev 1994, 1996, 1998, 2000a, 2002; Kovachev et al. 1999; Janeva et al. 2001; Stoichev & Chernev 2001; Sakelarieva et al. 2008; Soufi & Uzunov 2008; Vidinova et al. 2008; Uzunov et al. 2011; Kenderov et al. 2012; Varadinova et al. 2011, 2012, 2013; Borisova et al. 2013; Trichkova et al. 2013; Ihtimanska et al. 2018.

***Dicrotendipes tritomus* (Kieffer, 1916)** [*Limnochironomus*] – DW, DM, E1, P1, BS; 0-250 m; 1; hn; Michailova 1982; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997; Kenderov et al. 2012.

? *Dicrotendipes dubia* (Cure, 1973) [? nomen dubium] – DW, DM, P1, P2; 50-250 m; 1; see; Janeva 1987; Russev et al. 1994; Stoichev 1996.

***Einfeldia pagana* (Meigen, 1838)** [*Chironomus biappendiculatus* Kruglova, 1940] – DW, DM, E1, E2, P1, P2, V1, V5. TL; 20-900 m; 1, 2; ho; Dimitrov 1963a; Russev 1966b; Michailova 1982; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996; Dashinov 2017.

***Endochironomus albipennis* (Meigen, 1830)** – S1, RW; 1580 m; 3, 4; esca; Michailova & Gercheva 1982; Russev et al. 1984b; Michailova 1987, 1989, 2006; Petrova & Michailova 1989.

***Endochironomus tendens* (Fabricius, 1775)** [? *E. signaticornis* (Kieffer, 1913) – nomina dubia; ? *E. albidus* (Konstantinov, 1956) – brackish] – DW, DM, E1, E2, P1, P2, V1, V5, S1, TL, O61, RW, BN, BS; 0-1550 m; 1, 2, 3, 4; tp; Cvetkov 1955a, 1955b, 1962; Valkanov 1957a; Dimitrov 1962b, 1963a; Russev & Janeva 1975; Michailova 1982a, 1989, 1992, 1996, 2006; Michailova & Gercheva 1982; Russev et al. 1984b, 1994; Janeva 1987; Stoichev 1994, 1996, 1998; Kovachev & Stoichev 1996; Janeva & Russev 1997; Kovachev et al. 1999; Soufi & Uzunov 2008; Kenderov et al. 2012; Ihtimanska et al. 2018.

***Synendotendipes dispar* (Meigen, 1830)** [*Endochironomus lucidus* (Zetterstedt, 1838); *Trichocladius*] – DW, DM, E1, P2, V1, R1, RW; 50-1200 m; 1, 2, 3; tes, ? hes; Nedelkov 1912; Dimitrov 1963a, 1966; Russev 1966a; Stoichev 1994, 1996; Janeva & Russev 1997.

***Synendotendipes impar* (Walker, 1856)** [*Endochironomus*] – E1, RW; 20-1550 m; 1, 2, 3, 4; tes, ? hoes; Michailova 1982, 1989, 1996; Michailova & Gercheva 1982.

***Glyptotendipes* (*Glyptotendipes*) *barbipes* (Staeger, 1839)** – R5, BN, BS; 0-800 m; 1, 2; ho; Michailova 1979a, 1979b, 1989; Varadinova et al. 2013.

***Glyptotendipes* (*Glyptotendipes*) *cauliginellus* (Kieffer, 1913)** [*G. gripekoveni* Kieffer, 1913] – DW, DM, E1, E2, B1, TL, R5, RW, RE, BN, BS; 0-1550 m; 1, 2, 3, 4; po; Cvetkov 1955a, 1955b, 1962; Valkanov 1957a; Dimitrov 1960b, 1962a, 1962b, 1963a, 1963b, 1982; Mihailova-Neikova 1961; Russev 1966b; Michailova 1979a, 1982a, 1989, 1996, 1998, 2006; Russev et al. 1994; Stoichev 1994, 1996, 1998; Janeva & Russev 1997; Kovachev et al. 1999; Janeva et al. 2001; Uzunov et al. 2001, 2011; Vidinova et al. 2008; Varadinova et al. 2011, 2012, 2013; Kenderov et al. 2012; Ihtimanska et al. 2018.

***Glyptotendipes* (*Glyptotendipes*) *glaucus* (Meigen, 1818)** – DW, DM, E1, E2, K3, V1, TL, T1, O61, O62, RW, BN, BS; 0-1550 m; 1, 2, 3, 4; tes, ? wces; Michailova 1979a, 1982a, 1989, 1995, 1996, 1998, 2006; Islam et al. 1986; Janeva 1991; Russev et al. 1994; Stoichev 1994, 1996, 1998; Janeva & Russev 1997; Kovachev et al. 1999; Uzunov et al. 2001; Varadinova et al. 2011, 2012; Kenderov et al. 2012; Michailova et al. 2012; Borisova et al. 2013; Ihtimanska et al. 2018.

***Glyptotendipes* (*Glyptotendipes*) *pallens* (Meigen, 1804)** [*G. polytomus* Kieffer, 1909] – DW, DM, E1, E2, V1, TL, O61, R1, BN, BS; 0-1570 m; 1, 2, 3, 4; po; Cvetkov 1955a, 1962; Valkanov 1957a; Mihailova-Neikova 1961; Dimitrov 1962b, 1963, 1981, 1982; Nachev 1983; Islam et al. 1986; Russev et al. 1994; Stoichev 1994, 1996; Michailova 1995; Janeva & Russev 1997; Michailova & Todorova 1998; Stoichev & Chernev 2001; Uzunov et al. 2001; Varadinova et al. 2011, 2012; Ihtimanska et al. 2018.

***Glyptotendipes* (*Glyptotendipes*) *paripes* (Edwards, 1929)** – DW, E1, E2, P1, TL, O61, BS; 20-400 m; 1; h; Michailova 1979a, 1982a, 1989; Ihtimanska et al. 2018.

***Glyptotendipes* (*Glyptotendipes*) *salinus* Michailova, 1987** – BS; 0 m; 1; e; Michailova 1987b, 1989.

***Glyptotendipes* (*Caulochironomus*) *caulicola* (Kieffer, 1913)** – E2, RW, BN; 0-1200 m; 1, 2, 3, 4; e; Michailova 1979a, 1989, 1996, 2006; Stoichev 1994, 1996.

***Glyptotendipes* (*Caulochironomus*) *scirpi* (Kieffer, 1915)** [*G. mancunianus* Edwards, 1929] – E1, E2, P1; 20-150 m; 1; ? e; Michailova 1982a, 1989.

? ***Harnischia burganadzeae* (Chernovskij, 1949)** [*Cryptochironomus*; ? nomen dubium] – TL; 150-170 m; 1; ? ee; Dimitrov 1962b, 1963a.

***Harnischia curtilamellata* (Malloch, 1915)** – S1; 150 m; 1; hpta, sk; Russev et al. 1984b.

***Harnischia fuscimanus* Kieffer, 1921** [*Cryptochironomus*] – DM, TL, O61, O62, R1, RE; 150-1000 m; 1, 2; tp; Dimitrov 1962b, 1962c, 1963a, 1966; Russev 1966a; Islam et al. 1986; Janeva 1987; Russev et al. 1994.

***Kiefferulus* (*Kiefferulus*) *tendipediformis* (Goetghebuer, 1921)** – E2, V1, RE, BN; 0-600 m; 1, 2; wp; Michailova 1996, 2006; Michailova & White 2007; Ihtimanska et al. 2018.

? ***Microchironomus conjungens* Lenz, 1926** [? nomen dubium] – DW, P1; ♠; ? ee; Russev et al. 1994.

***Microtendipes chloris* (Meigen, 1818)** – DW, DM, E1, E2, P1, P2, V5, S211, TL, T3, R1, R5, RW, RE; 20-1200 m; 1, 2, 3; wpo; Dimitrov 1957, 1962d, 1963a; Russev 1959, 1962, 1966b; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997; Sakelarieva et al. 2008; Soufi & Uzunov 2008; Vidinova et al. 2008; Uzunov et al. 2011; Kenderov et al. 2012; Trichkova et al. 2013; Varadinova et al. 2013.

***Microtendipes pedellus* (De Geer, 1776)** – DW, DM, E1, P1, P2, V5, S1, O61, RW; 20-1000 m; 1, 2; ho; Russev et al. 1984b, 1991, 1994; Michailova 1989, 2006; Stoichev 1994, 1996; Janeva & Russev 1997; Kenderov et al. 2012; Dashinov 2017.

***Microtendipes tarsalis* (Walker, 1856)** – DW, DM, P2; 50-450 m; 1; e; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

***Parachironomus frequens* (Johannsen, 1905)** [*Cryptochironomus longiforceps* Kieffer, 1921] – P1, TL; 150-200 m; 1; h; Michailova 1982.

***Parachironomus gracilior* (Kieffer, 1918)** [*P. arcuatus* Goetghebuer, 1919; *P. pararostratus* (Harnisch, 1923); ? nomina dubia; *Cryptochironomus pararostratus* Lenz, 1938] – DW, DM, E1, E2, P1, P2, TL, T1, RW, RE, BN, BS; 0-1200 m; 1, 2, 3; po; Cvetkov 1955a, 1957, 1962; Belcheva 1959; Dimitrov 1960b, 1962a, 1962b, 1962c, 1963a, 1981, 1982; Mihailova-Neikova 1961; Russev et al. 1984b, 1994; Janeva 1987; Michailova 1989; Stoichev 1994; Janeva & Russev 1997.

***Parachironomus kuzini* Shilova, 1969** – DW, DM, P1, P2, K3, O61; 50-600 m; 1; ee; Islam et al. 1986; Janeva 1991; Russev et al. 1991, 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

***Parachironomus parilis* (Walker, 1856)** – RW; 1580 m; 4; h; Michailova 1989, 2006.

***Parachironomus vitiosus* (Goetghebuer, 1921)** – DM, B1; 50-550 m; 1; esca, ? hoes; Janeva 1991; Russev et al. 1994.

***Paracladopelma camptolabis* (Kieffer, 1913)** [*Cryptochironomus*] – P2, V5, S211, S1, TL, R1, RW; 150-1100 m; 1, 2, 3; h; Dimitrov 1957, 1960a, 1962a, 1962b, 1962d, 1963a, 1966; Russev 1966a; Russev et al. 1994.

***Paratendipes albimanus* (Meigen, 1818)** – DW, DM, E1, P2, S1, TL, R1, RW, BS; 0-1200 m; 1, 2, 3; ho; Dimitrov 1957, 1960a, 1962a, 1962b, 1963a, 1966; Mihailova-Neikova 1961; Janeva & Russev 1985; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

? ***Paratendipes connectens* Lipina, 1926** [? nomen dubium] – DW, DM, E1, E2; 20-30 m; 1; ? wces; Russev 1959, 1962, 1966b; Dimitrov 1963a.

? ***Paratendipes intermedius* Chernovskij, 1949** [? nomen dubium] – DW, DM, E1, E2, V5; 20-900 m; 1, 2; ee; Russev 1962, 1966b; Dimitrov 1963a; Varadinova et al. 2013.

***Paratendipes nudisquama* (Edwards, 1929)** [*P. transcaucasicus* Chernovskii, 1949; *Limnophyes*; *Limnochironomus*] – DW, DM, E1, E2, P2, V5, S211, TL, T1, O61, O62, R1, R5, RW, RE; 20-1200 m; 1, 2, 3; hno; Dimitrov 1962b, 1962d, 1963a, 1966; Russev 1966a, 1966b; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997; Uzunov et al. 2011; Varadinova et al. 2013.

***Paratendipes plebeius* (Meigen, 1818)** [*P. fuscimanus* Kieffer, 1921] – DW, DM, P1; ♠; e; Russev et al. 1994; Stoichev 1994, 1996.

***Polypedilum* (*Pentapedilum*) *exsectum* (Kieffer, 1916)** [*Pentapedilum*] – DM, P2, K7, K8, K9, S1, O61, R1, R5, RW; 50-2200 m; 1, 2, 3, 4, 5; des, ? wces; Dimitrov 1963a; Nachev 1983; Islam et al. 1986; Michailova 1982, 1989, 2006; Russev et al. 1984b, 1994; Stoichev 1994; Uzunov et al. 2011; Varadinova et al. 2013.

***Polypedilum* (*Pentapedilum*) *sordens* (van der Wulp, 1875)** [*P. macrophthalma* Chernovskij, 1949; *Pentapedilum*] – DW, DM, E2, P1, P2, P3, B1, K7, K8, K9, S1, TL, T1, O61, O62, R1, RW; 50-2250 m; 1, 2, 3, 4, 5;

h; Dimitrov 1962b, 1963a, 1966; Russev 1966a; Islam et al. 1986; Janeva & Russev 1989, 1997; Michailova 1982, 1989, 2006; Janeva 1991; Russev et al. 1991, 1994; Stoichev 1994; Ihtimanska et al. 2018.

***Polypedilum* (*Uresipedilum*) *convictum* (Walker, 1856)** – DW, DM, E1, E2, P1, P2, K3, K8, K9, V5, S1, TL, T1, O61, O62, R1, R5, RW, RE; 20-1400 m; 1, 2, 3; ho; Dimitrov 1957, 1960a, 1960b, 1962b, 1962c, 1963a, 1966, 1981, 1982; Russev 1959, 1962, 1966a, 1966b; Cvetkov 1962; Michailova 1982; Nachev 1983; Russev et al. 1984a, 1984b, 1987, 1991, 1994; Janeva & Russev 1985, 1989, 1997; Islam et al. 1986; Russev & Janeva 1986; Janeva 1987, 1991; Stoichev 1994, 1996; Uzunov et al. 2011; Borisova et al. 2013; Varadinova et al. 2013; Dashinov 2017.

***Polypedilum* (*Polypedilum*) *nubeculosum* (Meigen, 1804)** [*Paratendipes*] – DW, DM, E1, E2, P2, B2, K3, K7, K8, K9, S1, TL, T1, O61, O62, R1, RW, RE, BN, BS; 0-2535 m; 1, 2, 3, 4, 5, 6; h; Caspers 1951a, 1951b; Strenzke 1951; Cvetkov 1955a, 1955b, 1957, 1962; Dimitrov 1957, 1960a, 1960b, 1962a, 1962b, 1962c, 1963a, 1966; Valkanov 1957a; Mihailova-Neikova 1961; Russev 1964, 1966a; Michailova 1982, 1989, 1996; Russev et al. 1984a, 1984b, 1991, 1994; Islam et al. 1986; Janeva 1987; Janeva & Russev 1989, 1997; Stoichev 1994, 1996, 1998, 2000a, 2001a, 2004; Kovachev et al 1999; Borisova et al. 2013; Trichkova et al. 2013.

***Polypedilum* (*Polypedilum*) *nubifer* (Skuse, 1889)** [*P. pharao* Kieffer, 1925; *P. aberrans* Chernovskii, 1949] – DW, DM, E1, E2, P1, P2, TL, T1, RW, RE, BN, BS; 0-1550 m; 1, 2, 3, 4; poa; Caspers 1951a; Strenzke 1951; Cvetkov 1955a, 1962; Valkanov 1957a; Dimitrov 1960b, 1962b, 1963a, 1966, 1982; Russev 1964, 1966a, 1966b; Russev et al. 1984b, 1991, 1994; Janeva 1989; Michailova 1988, 1989, 2006; Stoichev 1994, 1996.

***Polypedilum* (*Polypedilum*) *pedestre* (Meigen, 1830)** – DM, E1, P2, S1, R1, R5, RW, RE; 200-1550 m; 1, 2, 3, 4; tp, ? h; Belcheva 1959; Dimitrov 1963a, 1966; Russev 1966a; Russev & Janeva 1975; Russev et al. 1984b, 1994; Stoichev 1994, 1996; Janeva & Russev 1997; Vidinova et al. 2008; Uzunov et al. 2011; Borisova et al. 2013; Varadinova et al. 2013; Dashinov 2017.

***Polypedilum* (*Polypedilum*) *octopunctatum* (Thunberg, 1784)** [*P. quadrimaculatum* (Meigen, 1838)] – DW, P1; 220 m; 1; cse; Russev et al. 1991, 1994.

***Polypedilum* (*Tripodura*) *bicrenatum* Kieffer, 1921** – DW, K3, O61, O62; 107-600 m; 1, 2; tp; Islam et al. 1986; Russev et al. 1994; Stoichev 1996.

***Polypedilum* (*Tripodura*) *scalaenum* (Schrank, 1803)** [*P. breviantennatum* Chernovskii, 1949; *Diamesa*] – DW, DM, E1, E2, P1, P2, K3, K8, K9, V5, S1, S211, TL, O61, O62, R1, R5, RW, RE, BN; 0-2003 m; 1, 2, 3, 4; ho; Cvetkov 1955a, 1955b, 1957; Valkanov 1957a; Dimitrov 1957, 1960a, 1962b, 1962c, 1963a, 1966; Russev 1962, 1964, 1966a, 1966b; Nachev 1983; Russev et al. 1984a, 1984b, 1994; Janeva & Russev 1985, 1997; Islam et al. 1986; Russev & Janeva 1986; Janeva 1987, 1991; Stoichev 1994, 1996; Stoichev & Chernev 2001; Sakelarieva et al. 2008; Uzunov et al. 2011; Varadinova et al. 2013.

***Polypedilum* (*Tripodura*) *tetracrenatum* Hirvenoja, 1962** [*Procladius*] – DW, DM, E1, E2, K3; 20-600 m; 1, 2; dp; Islam et al. 1986; Janeva & Russev 1989; Janeva 1991; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

***Sergentia coracina* (Zetterstedt, 1850)** [*S. longiventris* Kieffer, 1924] – S1; 380 m; 1; h; Dimitrov 1960a, 1963a.

***Stictochironomus crassiforceps* (Kieffer, 1921)** – BS; 0-5 m; 1; wcp; Michailova 1989.

***Stictochironomus maculipennis* (Meigen, 1818)** – V1; 550-600 m; 1; wp; Nedelkov 1912.

***Stictochironomus pictulus* (Meigen, 1830)** – B1, R2; 400-2394 m; 1, 2, 3, 4, 5; h; Janeva 1991; Stoichev 1996.

? *Stictochironomus psammophilus* Chernovskij, 1949 [? nomen dubium] – DW, P1, B1; 144-500 m; 1, 2; wces; Janeva 1991; Janeva & Russev 1989; Russev et al. 1994.

***Stictochironomus sticticus* (Fabricius, 1781)** [*S. histrio* (Fabricius, 1794)] – DW, DM, P1, P2, K3, K7, K8, V4, S1, S22, O61, O62, R5, RW; 50-1150 m; 1, 2, 3; h; Dimitrov 1957, 1963a; Belcheva 1959; Russev 1961; Nachev 1983; Islam et al. 1986; Russev & Janeva 1986; Michailova 1989; Janeva 1991; Russev et al. 1991, 1994; Janeva & Russev 1997; Uzunov et al. 2011; Varadinova et al. 2013.

***Xenochironomus xenolabis* (Kieffer, 1916)** – BN; 0 m; 1; hn, ? hno; Cvetkov 1955a; Dimitrov 1963a.

***Cladotanytarsus* (*Lenziella*) *bicornutus* Kieffer, 1922** [*C. wexionensis* Brundin, 1947] – O61; 315 m; 1; des; Nachev 1983.

***Cladotanytarsus* (*Cladotanytarsus*) *mancus* (Walker, 1856)** [*Tanytarsus*] – DW, DM, E1, E2, P1, P2, V1, V5, S1, S211, TL, R1, R5, RW, RE, BN; 0-1200 m; 1, 2, 3; wcp; Cvetkov 1955a, 1955b, 1957; Valkanov 1957a; Russev 1959, 1962, 1966a, 1966b; Dimitrov 1960b, 1962b, 1962c, 1962d, 1963a, 1966, 1982; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996, 2001a; Janeva & Russev 1997; Uzunov et al. 2011; Trichkova et al. 2013; Varadinova et al. 2013.

? *Cladotanytarsus sexdentatus* (Chernovskij 1949) [*Tanytarsus*; ? nomen dubium] – DW, DM, P2; 50-200 m; 1; wes; Russev 1962, 1966b; Stoichev 1994, 1996; Janeva & Russev 1997.

***Corynocera ambigua* Zetterstedt, 1837** [*Corynoneura*; *Tanytarsus pedicelliferus* Birula, 1935; ? *Tanytarsus sevanicus* Chernovskij, 1949 (nomen dubium)] – DW, P1; 50-210 m; 1, 2; h; Janeva 1991; Russev et al. 1991, 1994.

***Micropsectra acuta* Goetghebuer, 1934** [*Krenopsectra*] – O61; 360 m; 1; ? e; Islam et al. 1986.

***Micropsectra apposita* (Walker, 1856)** [*M. trivialis* (Kieffer, 1911)] – S1; 283 m; 1; h; Janeva & Russev 1985.

***Micropsectra atrofasciata* (Kieffer, 1911)** [*Eukiefferiella*] – DW, S1, RW; 200-1100 m; 1, 2, 3; wpo; Dimitrov1960a, 1962a, 1963a; ? Michailova 1982; Russev et al. 1991, 1994.

***Micropsectra contracta* Reiss, 1965** – K3, K7, K8, K9, O61, O62, R5; 100-820 m; 1, 2; des; Michailova 1982; Islam et al. 1986.

? *Micropsectra curvicornis* (Chernovskij, 1949) [? nomen dubium] – DW, DM, P1, P2, B1, O61; 150-530 m; 1, 2; wes; Nachev 1983; Islam et al. 1986; Janeva 1987, 1991; Russev et al. 1991, 1994.

***Micropsectra junci* (Meigen, 1818)** [*M. praecox* Meigen, 1818; *Microtendipes*] – DW, DM, E1, E2, P1, P2, V1, S1, R1, R5, RW; 20-2368 m; 1, 2, 3, 4, 5; h; Dimitrov 1957, 1963a, 1966; Belcheva 1959; Russev 1959, 1962, 1966a, 1966b; Michailova 1982; Janeva 1987; Russev et al. 1994; Stoichev 1994, 1996, 2000a, 2004; Janeva & Russev 1997.

***Micropsectra lindrothi* Goetghebuer, 1931** – R2; 1142 m; 3; h; Michailova 1989.

***Micropsectra notescens* (Walker, 1856)** – R2; 1950 m; 4; wp; Michailova & Petrova 1987; Michailova 1989.

***Micropsectra radialis* Goetghebuer, 1939** – R2; 2545-2709 m; 6; po; Stoichev & Danova 2003.

***Micropsectra recurvata* Goetghebuer, 1928** – RW; 800-1550 m; 2, 3, 4; h; Michailova 1989, 2006.

***Micropsectra pallidula* (Meigen, 1830)** [*Microtendipes*; *M. viridiscutellata* Goetghebuer, 1932] – DW, DM, E1, P1, P2, B1, K3, K9, O61, O62, R5; 50-1020 m; 1, 2, 3; wpo; Nachev 1983; Islam et al. 1986; Russev & Janeva 1986; Janeva 1989, 1991; Michailova 1989; Russev et al. 1991, 1994; Stoichev 1994, 1996; Janeva & Russev 1997; Uzunov et al. 2011; Varadinova et al. 2013.

***Neozavrelia fuldensis* Fitttkau, 1954** – DM, P2; 35-680 m; 1, 2; ? e, ? wes; Janeva 1987; Russe et al. 1994; Stoichev 1994, 1996.

***Paratanytarsus dissimilis* (Johannsen, 1905)** [*P. confusus* Palmen, 1960] – DW, DM, P1, P2, K8, S1, T1, O61, R5; 50-800 m; 1, 2; h; Nachev 1983; Russev et al. 1984, 1994; Janeva & Russev 1985, 1997; Islam et al. 1986; Russev & Janeva 1986; Uzunov et al. 2011; Varadinova et al. 2013.

***Paratanytarsus lauterborni* (Kieffer, 1909)** [*Tanytarsus*] – DW, DM, E1, E2, P1, B1, V5, S1, S211, TL, R1, RW, BS; 0-1550 m; 1, 2, 3, 4; h; Russev 1959, 1962, 1966b; Dimitrov 1960b, 1962a, 1962b, 1962d, 1963a, 1963b, 1966, 1981; Mihailova-Neikova 1961; Cvetkov 1962; Michailova 1982, 1989, 2006; Russev et al. 1991, 1994; Janeva & Russev 1997.

***Rheotanytarsus photophilus* (Goetghebuer, 1921)** – O61; 330 m; 1; dp; Nachev 1983; Islam et al. 1986.

? *Rheotanytarsus exiguus* (Johannsen 1905) [? North American species] – DW, DM, E1, E2, P1, P2, K3, K7, K8, K9, V4, O61, O62; 75-810 m; 1, 2; ? h; Russev 1978; Islam et al. 1986; Janeva 1987, 1991; Russev et al. 1991.

***Stempellina bausei* (Kieffer, 1911)** – BN; 0 m; 1; wces; Cvetkov 1955a, 1957; Valkanov 1957a; Dimitrov 1963a.

***Stempellina cornuta* Kieffer, 1922** [*S. montivaga* Goetghebuer, 1934] – BN; 0 m; 1; csee; Thienemann 1949; Dimitrov 1963a.

***Stempellina subglabripennis* (Brundin, 1947)** – K7, K8, K9, O61, O62; 90-500 m; 1, 2; h; Nachev 1983; Islam et al. 1986.

***Stempellinella brevis* (Edwards, 1929)** – DM, P2; 50-300 m; 1; wp, ? h; Russev et al. 1994; Janeva & Russev 1997.

***Tanytarsus excavatus* Edwards, 1929** – DW; 30-40 m; 1; e; Russev et al. 1991, 1994.

***Tanytarsus gregarius* Kieffer, 1909** [*T. lobatifrons* Kieffer, 1913] – DW, DM, E1, E2, P1, P2, V1, V5, S1, S21, S22, S211, TL, T1, T31, O61, O62, R1, R5, RW, RE, BN, BS; 0-2709 m; 1, 2, 3, 4, 5, 6; h; Caspers 1951b; Valkanov 1957a; Dimitrov 1960a, 1960b, 1962b, 1962c, 1962d, 1963a, 1963b, 1966; Russev 1964, 1966a, 1966b; Russev & Janeva 1975; Russev et al. 1984b, 1991, 1994; Janeva 1987; Stoichev 1994, 1996, 2001a; Janeva & Russev 1997; Stoichev & Chernev 2001; Janeva & Bancheva 2002; Stoichev & Danova 2003; Kenderov et al. 2008, 2012; Sakelarieva et al. 2008; Soufi & Uzunov 2008; Vidinova et al. 2008; Moskova & Uzunov 2011; Uzunov et al. 2011; Varadinova et al. 2011, 2012, 1013; Borisova et al. 2013; Georgieva et al. 2017; Ihtimanska et al. 2018.

? *Tanytarsus longipes* Akhrorov, 1968 [? nomen dubium] – DW, DM; P1, B1, K3, K7, K8, K9, O61; 50-450 m; 1; ? ewca; Islam et al. 1986; Janeva 1991; Russev et al. 1994; Stoichev 1994, 1996; Janeva & Russev 1997.

***Tanytarsus medius* Reiss & Fittkau, 1971** – DW, DM, E1, P1, P2, P3, B3, TL, T31, RE, BN, BS; 0-500 m; 1; ena; Russev et al. 1984, 1991, 1994; Russev & Janeva 1986; Stoichev 1994, 1996; Janeva & Russev 1997.

***Tanytarsus mendax* Kieffer, 1925** [*T. holochlorus* Edwards, 1929] – DW, DM, P1, P2, R5, BN; 0-820 m; 1, 2; h; Caspers 1951a; Strenzke 1951; Michailova 1982; Russev et al. 1984, 1991, 1994; Stoichev 1994, 1996; Janeva & Russev 1997; Janeva 1991; Uzunov et al. 2011; Varadinova et al. 2013.

***Tanytarsus occultus* Brundin, 1949** – O61; 310 m; 1; des; Islam et al. 1986.

***Tanytarsus pallidicornis* (Walker, 1856)** – DW, P1, P2, K3, K7, K8, K9, V4, O61; 50-810 m; 1, 2; h; Nachev 1983; Russev et al. 1984, 1991, 1994; Islam et al. 1986; Stoichev 1996; Janeva & Russev 1997.

***Tanytarsus usmaensis* Pagast, 1931** [*Cryptotendipes*] – DW, DM, K7, K8, O62; 30-585 m; 1; h; Islam et al. 1986; Janeva 1991; Russev et al. 1991, 1994; Janeva & Russev 1997.

***Tanytarsus verralli* Goetghebuer, 1928** – R5; 500-800 m; 1, 2; des; Uzunov et al. 2011; Varadinova et al. 2013.

***Virgatanytarsus arduennensis* (Goetghebuer, 1922)** [*Tanytarsus*] – DW, DM, P1, V4; 30-810 m; 1, 2; ppt; Islam et al. 1986; Janeva 1991; Russev et al. 1991, 1994; Janeva & Russev 1997.

***Zavrelia pentatoma* Kieffer & Bause, 1913** – O61; 305 m; 1; des; Islam et al. 1986.

BRACHYCERA

ORTHORRHAPHA

Xylophagomorpha

Xylophagidae

***Xylophagus ater* Meigen, 1804** – V1, V4; 550-800 m; 1, 2; e, ? des; Nedelkov 1910, 1912.

Cenomyiidae

***Coenomyia ferruginea* (Scopoli, 1763)** – R1; 1150-1200 m; 3; h; Joakimoff 1899.

Stratiomyomorpha

Xylomyidae

***Solva marginata* (Meigen, 1820)** [*Xylomyia*] – DW, V1; 30-600 m; 1; hoes; Nedelkov 1912; Szilády 1934.

Stratiomyidae

***Beris chalybata* (Forster, 1771)** [*Actina nitens* (Latreille, 1805)] – B1, S23, R2; 227-1800 m; 1, 2, 3, 4; e, ? wes; trogloxene; Dušek & Rozkošný 1963; Beron 1972b, 1994, 2015, 2016; Beschovski 1972c; Rozkošný 1982-1983; Rozkošný & Nartshuk 1988; Woodley 2001; Dvořák et al. 2021.

***Beris clavipes* (Linnaeus, 1767)** – V4; 780-850 m; 2; e; Szilády 1934; Bankowska 1967a; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Beris morrisii* Dale, 1841** – V4; 780-850 m; 2; e; Bankowska 1967a; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Chorisops tibialis* (Meigen, 1820)** – V1; 550 m; 1; ? eswa; Rozkošný 1982; Rozkošný & Nartshuk 1988.

***Chloromyia formosa* (Scopoli, 1763)** – ♦; DW, DM, E1, E2, B1, B2, V1, V4, S1, S2, TL, T31, O1, O62, R1, R5, RW, RE, BN; 30-1700 m; 1, 2, 3, 4; wcp, h, i; Löw 1862; Joakimoff 1899; Kovachev 1905; Nedelkov 1910, 1912; Szilády 1934; Drenowsky 1936; Lindner 1936; Bankowska 1967a; Beschovski 1971a, 2004, 2006a; Rozkošný 1982; Woodley 2001.

***Chloromyia speciosa* (Macquart, 1834)** [*Ch. melampogon* (Zeller, 1842); *Chrysomyia*] – B1, B2, V1, S1, S23, TL, T31, O62, R2, RW, BN; 160-1326 m; 1, 2, 3; tp; Nedelkov 1910, 1912; Szilády 1934; Dušek & Rozkošný 1963; Bankowska 1967a; Beschovski 1971a, 2006a; Rozkošný 1982-1983; Woodley 2001; Dvořák et al. 2021.

***Microchrysa cyaneiventris* (Zetterstedt, 1842)** – V1; 550-600 m; 1; e; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Microchrysa flavicornis* (Meigen, 1822)** – V1; 550-600 m; 1; h (? i), hoes, ? tp; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Microchrysa polita* (Linnaeus, 1758)** – V1, S23, TL; 183-600 m; 1; h (? i), hoes, ? tp; Nedelkov 1910, 1912; Szilády 1934; Dušek & Rozkošný 1963; Rozkošný 1982-1983; Woodley 2001; Dvořák et al. 2021.

***Sargus bipunctatus* (Scopoli, 1763)** – V1; 550-600 m; 1; h (? i), ? wp; Szilády 1934; Rozkošný 1982; Woodley 2001.

***Sargus cuprarius* (Linnaeus, 1758)** [*S. nubeculosus* Zetterstedt, 1842] – DM, V1, V4, TL; 20-800 m; 1, 2; h (? i), ? wcp; Meunier 1897; Nedelkov 1910, 1912; Szilády 1934; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Sargus flavipes* Meigen, 1822** – V4; 650-750 m; 1, 2; tp; Szilády 1934; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Sargus iridatus* (Scopoli, 1763)** [*S. infuscatus* Meigen, 1822] – V1, V4, TL; 250-870 m; 1, 2; hoes, ? tp; Nedelkov 1910, 1912; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Odontomyia angulata* (Panzer, 1798)** [*Eulalia hydroleon angulata* (Panzer, 1798)] – ♦; DW, DM, TL; 25-200 m; 1; tp; Nedelkov 1910, 1912; Szilády 1934; Lindner 1936; Dušek & Rozkošný 1965; Rozkošný 1982; Woodley 2001.

***Odontomyia annulata* (Meigen, 1822)** [*Eulalia*; *Stratiomys septemguttata* (Meigen, 1822)] – BN; 20 m; 1; cse; Löw 1862; Lindner 1936; Rozkošný 1982; Woodley 2001.

***Odontomyia cephalonica* Strobl, 1898** – BN; 0-20 m; 1; em; Beschovski 1973a; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Odontomyia flavissima* (Rossi, 1790)** [*Eulalia*] – B1, O62, RW, BN, BS; 0-465 m; 1; hom; Löw 1862; Nedelkov 1910, 1912; Szilády 1934; Lindner 1936; Bankowska 1967a; Rozkošný 1982; Woodley 2001.

***Odontomyia hydroleon* (Linnaeus, 1758)** [*Eulalia*] – DW, B1, K9, V1, O1, O62; BN; 0-700 m; 1, 2; tp; Nedelkov 1910, 1912; Szilády 1934; Drenowsky 1936, 1939; Bankowska 1967a; Beschovski 1971a; Rozkošný 1982; Woodley 2001.

***Odontomyia ornata* (Meigen, 1822)** [*Eulalia*] – BN; 0-20 m; 1; wcp; Szilády 1934; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Odontomyia tigrina* (Fabricius, 1775)** – V4; 750-850 m; 2; esca; Bankowska 1967a; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Oplodontha viridula* (Fabricius, 1775)** [*Hoplodontha*] – E2, V1, V4, S21, O62, BN, BS; 0-800 m; 1, 2; tp; Meunier 1897; Nedelkov 1910, 1912; Szilády 1934; Bankowska 1967a; Beschovski 1971a; Rozkošný 1982; Woodley 2001.

***Stratiomys cenisia* Meigen, 1822** [*Stratiomyia*] – DM, V1, BN; 0-660 m; 1, 2; wp; Nedelkov 1912; Szilády 1934; Bankowska 1967a; Rozkošný 1982; Woodley 2001.

***Stratiomys chamaeleon* (Linnaeus, 1758)** [*Stratiomyia*] – DM, V1, S21, S211, TL, R2, BS; 0-1050 m; 1, 2, 3; esca; Meunier 1897; Nedelkov 1910, 1912; Szilády 1934; Lindner 1936; Bankowska 1967a; Rozkošný 1982; Woodley 2001.

***Stratiomys equestris* Meigen, 1835** [*Stratiomyia*] – E2; 50-100 m; 1; hoes, ? esca; Kovachev 1905; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Stratiomys longicornis* (Scopoli, 1763)** [*Hirtea*; *S. strigata* Fabricius, 1781; *S. anubis* Wiedemann, 1830] – ♦; RW, BN, BS; 0-1200 m; 1, 2, 3; hop; Löw 1862; Szilády 1934; Lindner 1936; Bankowska 1967a; Beschovski 1971a; Rozkošný 1982; Beschovski 2006a; Woodley 2001.

***Stratiomys ruficornis* (Macquart, 1838)** [*S. erythrocera* Egger, 1859; *Stratiomyia sublunata* Löw, 1869] – B2, S1, TL, O62, R2, RW; 200-1300 m; 1, 2, 3; eswa; Nedelkov 1910, 1912; Szilády 1934; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Stratiomys singularior* (Harris, 1776)** [*S. furcata* Fabricius, 1794; *S. riparia* Meigen, 1822; *S. ruficornis* (Macquart, 1838); *Stratiomyia*] – V1, TL, T31, O61, R1, RW, BN, BS; 0-1450 m; 1, 2, 3; esca, ? tp; Joakimoff 1899; Nedelkov 1909, 1910, 1912; Szilády 1934; Drenowsky 1936; Dušek & Rozkošný 1965; Rozkošný 1982; Woodley 2001; Beschovski 2006a.

***Clitellaria ephippium* (Fabricius, 1775)** [*Potamida*] – RW; 1180-1250 m; 3; e; Nedelkov 1912; Rozkošný 1982; Woodley 2001.

***Clitellaria pontica* (Lindner, 1936)** [*Taurocera*] – BN; 0-10 m; 1; Ebg; Lindner 1936; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Lasiopa balius* (Walker, 1849)** [*Cyclogaster tenuirostris* Loew, 1854] – E1, B3, V1, V3, V4, S2, TL, O61, O62, R1, RW, BN, BS; 0-1200 m; 1, 2, 3; seean; Löw 1863; Szilády 1934; Bankowska 1967a; Dušek & Rozkošný 1970; Beschovski 1971a, 2006a; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Lasiopa calva* (Meigen, 1822)** – E1, SB, B3, K4, V1, V4, S2, S21, R1, R3, RW; BN; 0-1450 m; 1, 2, 3; csee; Nedelkov 1910, 1912; Szilády 1934; Drenowsky 1939; Drensky 1939a; Bankowska 1967a; Dušek & Rozkošný 1970; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001; Beschovski 2006a.

***Lasiopa villosa* (Fabricius, 1794)** – DM, SB, K4, S2, S23, TL, O62, BN, BS; 0-1100 m; 1, 2, 3; eswa; Nedelkov 1909, 1910, 1912; Lindner 1936; Bankowska 1967a; Dušek & Rozkošný 1970; Rozkošný 1982-1983; Rozkošný & Nartshuk 1988; Woodley 2001; Dvořák et al. 2021.

***Nemotelus* (*Nemotelus*) *aerosus* Gimmerthal, 1847** [*N. lomnickii* Mik, 1867] – E1, V1; 300-600 m; 1; ee; Szilády 1934; Rozkošný 1977, 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Nemotelus* (*Nemotelus*) *argentifer* Loew, 1846** – BS; 0-20 m; 1; mwca; Beschovski 1975b; Rozkošný 1977, 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Nemotelus* (*Nemotelus*) *bipunctatus* Loew, 1846** [*Galeodioptriger*] – BS; 0-20 m; 1; seean; Bankowska 1967a; Beschovski 1971a, 1975b; Rozkošný 1977, 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Nemotelus* (*Nemotelus*) *brachystomus* Loew, 1846** – BN; 0-10 m; 1; eanna; Bankowska 1967a; Beschovski 1971a, 1975b; Rozkošný 1977, 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Nemotelus* (*Nemotelus*) *brevirostris* Meigen, 1822** – BN; 0-10 m; 1; esca, ? wces; Beschovski 1971a; Rozkošný 1977, 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Nemotelus* (*Nemotelus*) *crenatus* Egger, 1859** – BN, BS; 0-20 m; 1; Ebs, ? se; Beschovski 1971a, 1975b; Rozkošný 1977, 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Nemotelus* (*Nemotelus*) *obscuripes* Loew, 1871** – BS; 0-20 m; 1; emit; Beschovski 1975b; Rozkošný 1977, 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Nemotelus* (*Nemotelus*) *pantherinus* (Linnaeus, 1758)** – E1, V1, V4, TL, O62, BN, BS; 0-800 m; 1, 2; wcp; Meunier 1897; Nedelkov 1910, 1912; Szilády 1934; Bankowska 1967a; Dušek & Rozkošný 1967; Beschovski 1973a; Rozkošný 1977, 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Nemotelus* (*Nemotelus*) *rumelicus* Beschovski & Manassieva, 1996** – BS; 40 m; 1; Ebg; Beschovski & Manassieva, 1996; Woodley 2001.

***Nemotelus* (*Nemotelus*) *signatus* Frivaldsky in Schiner, 1855** – BN; 0-20 m; 1; ? wcp; Dušek & Rozkošný 1967; Rozkošný 1977, 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Nemotelus* (*Camptopelta*) *nigrinus* Fallén, 1817** – S21; 650-700 m; 2; hn; Rozkošný 1977, 1982; Woodley 2001.

***Oxycera meigenii* Staeger, 1844** – BN; 0-20 m; 1; esanca; Beschovski 1971a; Rozkošný 1982; Woodley 2001.

***Oxycera nigricornis* Olivier, 1812** – O62, R2; 250-540 m; 1; e; Rozkošný 1982; Woodley 2001.

***Oxycera trilineata* (Linnaeus, 1767)** – O62, BS; 0-300 m; 1; wcp; Meunier 1897; Bankowska 1967a; Rozkošný 1982; Woodley 2001.

? *Hermetia illucens* (Linnaeus, 1758) – ♠; k; Rozkošný 1982; Woodley 2001.

***Eupachygaster tarsalis* (Zetterstedt, 1842)** – V4; 700-800 m; 2; et; Szilády 1934; Rozkošný 1982; Woodley 2001.

Pachygaster atra (Panzer, 1798) – E1, B2, O62, R1, R2, BN; 0-1700 m; 1, 2, 3, 4; ean; Szilády 1934; Bankowska 1967a; Beschovski 1971a; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

***Pachygaster leachii* Curtis, 1824** – P2, BN; 0-200 m; 1; e; Szilády 1934; Bankowska 1967a; Rozkošný 1982; Rozkošný & Nartshuk 1988; Woodley 2001.

Tabanomorpha

Rhagionidae

***Chrysopilus cristatus* (Fabricius, 1775)** [*Ch. auratus* (Fabricius, 1805); *Ch. maerens* Loew, 1873] – V1, V4, TL, R1, R2, BS; 50-1200 m; 1, 2, 3; e; Nedelkov 1909, 1910, 1912; Szilády 1934; Rozkošný & Spitzer 1965; Spitzer 1978; Beschovski 2006a.

***Chrysopilus asiliformis* (Preyssler, 1791)** [*Ch. aureus* Meigen, 1804)] – E1, V1; 250-600 m; 1; e; Nedelkov 1912; Szilády 1934; Rozkošný & Spitzer 1965; Spitzer 1978.
***Chrysopilus erythrophthalmus* Loew, 1840** – RW; 650 m; 1, 2; e; Spitzer 1978; Beschovski 2006a.
***Chrysopilus luteolus* (Fallen, 1814)** – RW; 650 m; 1, 2; des; Spitzer 1978; Beschovski 2006a.
***Chrysopilus maerens* Loew, 1873** – R1; 1200-2500 m; 3, 4, 5; eswa; Szilády 1934; Rozkošný & Spitzer 1965.
***Chrysopilus nubecula* (Fallen, 1814)** – S22; 1500 m; 3, 4; wp; Nedelkov 1909, 1910, 1912; Rozkošný & Spitzer 1965.
***Chrysopilus pullus* Loew, 1869** – R2; 1100 m; 3; e; Spitzer 1978.
***Chrysopilus splendidus* (Meigen, 1820)** – P1, B1, V1, V4, R2; 450-1100 m; 1, 2, 3; wes; Nedelkov 1912; Szilády 1934; Rozkošný & Spitzer 1965; Spitzer 1978.
***Ptiolina obscura* (Fallen, 1814)** – T31; 60 m; 1; wes; Spitzer 1978.
***Rhagio annulatus* (De Geer, 1776)** – V1; 550 m; 1; dpo; Nedelkov 1912; Rozkošný & Spitzer 1965; Spitzer 1978.
***Rhagio cingulatus* (Loew, 1856)** – R2, RR; ♠; e; Nedelkov 1910, 1912; Rozkošný & Spitzer 1965; Spitzer 1978; Beschovski 2006a.
***Rhagio conspicuus* Meigen, 1804** – B2, V1, V2, R1, R2; 650-1800 m; 2, 3, 4; e; Nedelkov 1910, 1912; Szilády 1934; Spitzer 1978.
***Rhagio lineola* Fabricius, 1794** – R2; 1100-1200 m; 3; des; Spitzer 1978.
***Rhagio maculatus* (De Geer, 1776)** [*R. macedonicus* Szilady, 1934] – ♠; e; Szilády 1934; Spitzer 1978.
***Rhagio maculipennis* (Loew, 1854)** [*Leptis*] – TL, T31, BN, BS; 0-350 m; 1; seean; Löw 1862; Rozkošný & Spitzer 1965; Spitzer 1978.
***Rhagio scolopaceus* (Linnaeus, 1758)** [*Leptis*] – B2, V1, V4, R1, R2; 600-1200 m; 2, 3; wes; Joakimoff 1899; Nedelkov 1910, 1912; Rozkošný & Spitzer 1965; Spitzer 1978.
***Rhagio tringarius* (Linnaeus, 1758)** [*Leptis*] – B3, V1, V4, S22, O62, R1, R2; 350-1500 m; 1, 2, 3; wes; Meunier 1897; Joakimoff 1899; Nedelkov 1909, 1910, 1912; Rozkošný & Spitzer 1965; Spitzer 1978.
***Rhagio vitripennis* (Meigen, 1820)** [*Leptis*] – B1, V1, V4, S1, S211, T31, R2, RW, BS; 0-1600 m; 1, 2, 3, 4; e; Meunier 1897; Nedelkov 1910, 1912; Rozkošný & Spitzer 1965; Spitzer 1978; Beschovski 2006a.

Athericidae

***Atherix ibis* (Fabricus, 1798)** – ♦; V4; 800 m; 2; h; Nedelkov 1910, 1912; Szilády 1934; Rozkošný & Spitzer 1965.
***Ibisia marginata* (Fabricius, 1781)** [*Atherix*] – V4; 800 m; 2; e; Nedelkov 1910, 1912; Rozkošný & Spitzer 1965.

Tabanidae

***Pangonius* (*Pangonius*) *obscuratus* Loew, 1859** [*P. pyritosus* var. *hirsutipalpis* (Kröber, 1921)] – DM, B3, V1, S1, TL, T31, O62, RW, BN, BS; 0-700 m; 1, 2; nem, ? seean; Nedelkov 1912; Kröber 1921, 1925, 1938; Drensky 1929a, 1942; Shannon & Hadjinicolaou 1936; Chvála et al. 1972; Chvála 1988; Ganeva 2005b.
***Pangonius* (*Pangonius*) *pyritosus* Loew, 1859** [*P. pyritosa* var. *hirsutipalpis* (Kröber 1921)] – DM, V1, TL, T31, R3, RW, BN; 0-1450 m; 1, 2, 3; seean; Löw 1862; Nedelkov 1912; Kröber 1925, 1938; Shannon & Hadjinicolaou 1936; Drenowsky 1939; Drensky 1929a, 1939a, 1942; Moucha. & Chvála 1961; Chvála et al. 1972; Chvála 1988; Ganeva 2005b.
***Pangonius* (*Melanopangonius*) *funebris* Macquart, 1846** – ●; ♠; seena; Chvála et al. 1972; Chvála 1988; Ganeva 2005b.
***Pangonius* (*Melanopangonius*) *haustellatus* Fabricius, 1781** [*P. marginatulus* (Fabricius, 1805] – DW, SB, TL, T31, RW, BN; 0-400 m; 1; sena; Nedelkov 1912; Drensky 1929a, 1942; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957; Chvála et al. 1972; Chvála 1988; Ganeva 2005b.
***Silvius algirus* Meigen, 1830** – TL, RW, BN; 0-300 m; 1; hom; Drensky 1929a, 1942; Shannon & Hadjinicolaou 1936; Kröber 1938; Chvála et al. 1972; Chvála 1988; Ganeva 2005b, 2006.
***Silvius alpinus* (Scopoli, 1763)** [*S. vituli* Fabricius, 1805)] – B3, K9, S1, S23, TL, T31, O1, R1, R3, RW, BS; 0-2183 m; 1, 2, 3, 4; eanna; Nedelkov 1909, 1912; Drensky 1929a; Shannon & Hadjinicolaou 1936; Kröber 1938; Drenowsky 1939; Leclercq 1957; Trifonov et al. 1964; Chvála et al. 1972; Chvála 1988; Ganeva 1993, 1995a, 1996, 1998, 1999b, 2005a, 2005b, 2006, 2011, 2017; Ganeva & Penev 2002.
? *Silvius variegatus* (Fabricius, 1805) [*Hematopota variegatus* Fabricius, 1805; ? *Chrysozona italica* var. *variegata* Fabricius, 1805; ? = *H. pandazisi* (Kröber, 1936)] – V1, S211; 550-900 m; 1, 2; hom; Nedelkov 1912;

Drensky 1929a; Kröber 1938; Leclercq 1966. According to Ganeva (2005b) the species probably is *H. pandazisi* (Kröber, 1936).

***Nemorius vitripennis* (Meigen, 1820)** [*Chrysops*] – B1, B2, V1, R1, RW; 400-800 m; 1, 2; nmwca, ? nmca; Nedelkov 1912; Drensky 1929a; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957; Chvála et al. 1972; Chvála 1988; Ganeva 2005b, 2006, 2017; Ganeva & Ivanov 2015.

***Chrysops* (*Chrysops*) *caecutiens* (Linnaeus, 1758)** [*Ch. ludens* Loew, 1858; *Ch. caecutiens* var. *meridionalis* Stobl, 1906] – ▲; ♦; DM, E2, P1, P2, B1, B2, B3, V1, V4, S1, S21, S211, S23, TL, O61, R1, R3, RW, BN, BS; 0-1668 m; 1, 2, 3, 4; hoes, ? tp; Löw 1862; Meunier 1897; Nedelkov 1912; Drensky 1929a, 1939a, 1955, 1960; Drenowsky 1936; Shannon & Hadjinicolaou 1936; Buresch 1953a; Leclercq 1957; Chvála et al. 1972; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1999b, 2000, 2004, 2005a, 2005b, 2006, 2008a, 2009a, 2009c, 2011, 2017; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Chrysops* (*Chrysops*) *flavipes* Meigen, 1804** [*Ch. punctifer* Loew, 1856; *Ch. perspicillaris* Loew, 1856] – P2, B1, V1, S23, TL, RW, BS; 0-1800 m; 1, 2, 3, 4; spo; Nedelkov 1912; Drensky 1929a; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957; Beschovski 1964a, Trifonov et al. 1964; Chvála et al. 1972; Chvála 1988; Ganeva 2005b, 2006, 2016; Dvořák et al. 2021.

***Chrysops* (*Chrysops*) *italicus* Meigen, 1804** [*Ch. marmoratus* (Rossi, 1790)] – ▲; B1, V1, RW, BN, BS; 0-750 m; 1, 2; mi; Nedelkov 1909, 1912; Drensky 1929a, 1942, 1960; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957; Moucha. & Chvála 1961; Trifonov et al. 1964; Beschovski 1971a; Chvála et al. 1972; Chvála 1988; Ganeva 2004, 2005b, 2006.

***Chrysops* (*Chrysops*) *parallelogrammus* Zeller, 1842** – P2, RW; 140-1260 m; 1, 2, 3; e; Drensky 1929a, 1929b; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957; Chvála et al. 1972; Chvála 1988; Ganeva 2005b, 2006.

***Chrysops* (*Chrysops*) *relictus* Meigen, 1820** – ▲; DM, S23, TL, RW, BN; 0-800 m; 1, 2; hoes, ? esca; Nedelkov 1909, 1912; Drensky 1929a, 1929b; Shannon & Hadjinicolaou 1936; Leclercq 1957; Chvála et al. 1972; Ganeva 2005b, 2006; Ganeva & Kalmushka 2012.

***Chrysops* (*Chrysops*) *viduatus* (Fabricius, 1794)** [*Ch. quadratus* Meigen, 1820; *Ch. pictus* Meigen, 1820] – B1, B2, V1, S21, S23, TL, T1, R1, BN, BS; 0-1274 m; 1, 2, 3; wesan, ? wp; Meunier 1897; Nedelkov 1909, 1912; Drensky 1929a, 1929b; Shannon & Hadjinicolaou 1936; Leclercq 1957; Moucha. & Chvála 1961; Trifonov et al. 1964; Beschovski 1971a; Chvála et al. 1972; Parvu 1983; Ganeva 1993, 1995a, 1995b, 1996, 1998, 1999b, 2000, 2005b, 2006, 2008b, 2011, 2016, 2017; Ganeva & Penev 2002; Ganeva & Ivanov 2015.

***Chrysops* (*Petersenichrysops*) *hamatus* Loew, 1858** – O62; 200-260 m; 1; ban; Moucha. & Chvála 1961; Chvála et al. 1972; Chvála 1988; Ganeva 2005b.

***Atylotus flavoguttatus* (Szilady, 1915)** – ▲; S1, S23, TL, T2; 150-250 m; 1; mwca; Trifonov et al. 1964; Lavchiev & Ganeva 1991; Ganeva 1993, 1995a, 1996, 1998, 1999b, 2000, 2002, 2004, 2005b, 2011; Ganeva & Penev 2002.

***Atylotus fulvus* (Meigen, 1804)** [*Tabanus rufipes* Meigen, 1820; *T. fulvus* var. *rufipes* Meigen, 1820] – B2, V1, V4, S23, TL, O5, O62, R1, RW, BN; 0-2620 m; 1, 2, 3, 4, 5, 6; tp; Nedelkov 1909, 1912; Drensky 1929a, 1929b, 1931a 1931b; Shannon & Hadjinicolaou 1936; Buresch 1953a; Leclercq 1957; Moucha. & Chvála 1961; Chvála et al. 1972; Ganeva 1999b, 2005b, 2006, 2009b, 2017; Ganeva & Penev 2002; Ganeva & Ivanov 2015.

***Atylotus latistriatus* Brauer, 1880** [*A. nigrifacies* Gobert, 1880] – RW; 2076 m; 4; ena; Drensky 1929a, 1929b; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957, 1966; Chvála et al. 1972; Chvála 1988; Ganeva 2005b, 2006.

***Atylotus loewianus* (Villleneuve, 1920)** [*Ochrops fulvus* var. *loewianus* Villleneuve, 1920] – B2, B3, S1, S23, TL, T1, R3, RW; 150-1630 m; 1, 2, 3, 4; ena; Drensky 1929a, 1929b; Kröber 1938; Leclercq 1966; Chvála et al. 1972; Chvála 1988; Ganeva 1993, 1995a, 1995b, 1996, 1998, 2000, 2002, 2006, 2008b, 2009c, 2011, 2017; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Atylotus rusticus* (Linnaeus, 1761)** – P2, B1, B2, V1, S23, Tl, RW; 150-1130 m; 1, 2, 3; wp; Nedelkov 1912; Drensky 1929a, 1929b; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957; Chvála et al. 1972; Ganeva 1993, 1999b, 2006, 2011; Ganeva & Penev 2002; Ganeva & Ivanov 2015.

***Therioplectes gigas* (Herbst, 1787)** – DM, E1, B2, K9, V1, S1, S23, TL, O5, O62, RW, BN; 0-1100 m; 1, 2, 3; ? cseel; Nedelkov 1909, 1912; Enderlein 1925; Drensky 1929a, 1929b, 1931a, 1931b, 1942; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957, 1966; Chvála et al. 1972; Parvu 1983; Chvála 1988; Ganeva 2005b, 2006, 2009b; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Therioplectes tricolor* Zeller, 1842** [*T. ruficauda* (Enderlein, 1925); *T. tricolor pallidicauda* (Olsufjev, 1937); *Atylotus gigas* var. *tricolor* Zeller, 1842] – B3, S1, S23, TL, T1; 100-400 m; 1; nmi; Enderlein 1925; Drensky 1929b; Kröber 1938; Moucha. & Chvála 1964; Leclercq 1966; Chvála et al. 1972; Chvála 1988; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 1999b, 2000, 2005b, 2008b, 2011; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019.

***Hybomitra aterrima* (Meigen, 1820)** [*Sziladynus*, *Therioplectes*, *Tabanus*] – E2, S211, TL, O5, O62, R1, R2, RW; 180-2654 m; 1, 2, 3, 4, 5, 6; cse, m; Nedelkov 1912; Drensky 1929a, 1931a, 1931b, 1955; Shannon & Hadjinicolaou 1936; Leclercq 1957; Chvála et al. 1972; Ganeva 1996, 1998, 2000, 2005b, 2006, 2009b, 2017.

***Hybomitra auripila* (Meigen, 1820)** [*Tabanus aterrimus* var. *auripilus* Meigen, 1820; *T. aterrimus* var. *lugubris* Zetterstedt, 1838; *Sziladynus*, *Therioplectes*] – S211, T31, O62, R1, R2, RW; 300-2550 m; 1, 2, 3, 4, 5, 6; e; Nedelkov 1912; Drensky 1929a, 1929b, 1931a, 1931b; Kröber 1932; Trifonov et al. 1964; Chvála et al. 1972; Chvála 1988; Ganeva 1998, 2000, 2006, 2009b, 2017.

***Hybomitra bimaculata* (Macquart, 1826)** [*Tabanus tropicus* Panzer, 1794; ? = *H. solstitialis* sensu Lyneborg, 1959 (nec Meigen, 1820)] – B1, B2, B3; 250-1440 m; 1, 2, 3; hoes; Drensky 1929a, 1929b; Ganeva 2008a; Ganeva & Ivanov 2015.

***Hybomitra caucasi* (Szilady, 1923)** – S23, TL; 150-650 m; 1; seean; Ganeva 1993, 1995a, 1995d, 1996, 1998, 1999b, 2000, 2005b, 2011; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019.

***Hybomitra caucasica* (Enderlein, 1925)** – R1; 1625-1324 m; 4, 5; csei, m, ? mm; Ganeva 2017.

***Hybomitra ciureai* (Séguy, 1937)** [? = *H. solstitialis* (Meigen, 1820); *Tabanus solstitialis* Schiner,1862; *Sziladynus*, *Therioplectes*] – ▲; B3, S23, TL, T1, T11, T31, R1, RW, BN; 0-2000 m; 1, 2, 3, 4; esca; Drensky 1929a, 1929b, 1942; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957; Trifonov et al. 1964; Chvála et al. 1972; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 1999b, 2002, 2004, 2005a, 2005b, 2006, 2008a, 2008b,2009a, 2011, 20017; Ganeva & Penev 2002; Ganeva & Ivanov 2015; Ganeva & Kalmushka 2012, 2019.

***Hybomitra decora* (Loew, 1858)** [*Sziladynus*, *Tabanus*, *Therioplectes*] – B3, S1, S23, TL; 100-150 m; 1; mi; Drensky 1929a, 1929b; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1966; Chvála et al. 1972; Chvála 1988; Ganeva 1999b, 2000, 2005b, 2011; Ganeva & Penev 2002.

***Hybomitra distinguenda* (Verrall, 1909)** [*Tabanus*, *Tylostypia*] – B2, B3, V4, S23, TL, R1, BN; 0-2000 m; 1, 2, 3, 4; tp; Moucha. & Chvála 1961; Leclercq 1966; Chvála et al. 1972; Ganeva 1993, 1995b, 1996, 1998, 1999b, 2000, 2005a, 2005b, 2011, 2017; Ganeva & Penev 2002; Ganeva & Ivanov 2015; Ganeva & Kalmushka 2012, 2019.

***Hybomitra micans* (Meigen, 1804)** [*Tabanus*] – R1, RW; 1150-2100 m; 3, 4; e; Joakimoff 1899; Shannon & Hadjinicolaou 1936; Leclercq 1957; Chvála et al. 1972; Ganeva 1996, 1998, 2000, 2005b, 2006, 2017.

***Hybomitra montana* (Meigen, 1820)** [*Tabanus*] – V4, O62, R1, RW; 160-1400 m; 1, 2, 3; tp; Drensky 1929a, 1929b, 1931a, 1931b; Shannon & Hadjinicolaou 1936; Buresch 1953a; Ganeva 2017.

***Hybomitra muehlfeldi* (Brauer, 1880)** – R1; 1526 m; 3, 4; hoes, ? tp; Ganeva 2017.

***Hybomitra pilosa* (Loew, 1858)** [*H. laterralis* (Meigen, 1820); *Sziladynus*, *Tabanus*, *Therioplectes*] – B1, V1, V4, S211, S23, TL, RW, BN; 0-800 m; 1, 2; cse; Nedelkov 1912; Drensky 1929a, 1929b, 1942; Shannon & Hadjinicolaou 1936; Kröber 1938; Buresch 1953a; Leclercq 1957, 1966; Ganeva 1995a, 1995b, 1996, 1998, 1999b, 2000, 2005b, 2006, 2011, 2016; Ganeva & Penev 2002.

***Hybomitra solstitialis* (Meigen, 1820)** [? = *H. ciureai* (Séguy, 1937); *Tabanus*] – V1, R1; 550-2036 m; 2, 3, 4; e, ? esca; Meunier 1897; Ganeva 2017.

***Hybomitra tropica* (Linnaeus, 1758)** [*Tabanus montanus* var. *fulvicornis*; *Tabanus*] – V1, V4, R1, RW; 650-1540 m; 2, 3, 4; e; Meunier 1897; Drensky 1929a, 1929b; Shannon & Hadjinicolaou 1936; Kröber 1932.

***Tabanus autumnalis* Linnaeus, 1761** – ▲; E2, B2, V1, V3, V4, S23, TL, T31, O62, BN; 0-1300 m; 1, 2, 3; wcp; Nedelkov 1912; Drensky 1929a, 1929b, 1931a, 1931b, 1942, 1955; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957, 1966; Moucha. & Chvála 1961; Trifonov et al. 1964; Chvála et al. 1972; Lavchiev & Ganeva 1991; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 1999b, 2002, 2004, 2005b, 2006, 2008b, 2009a, 2009b, 2011, 2017; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Tabanus bifarius* Loew, 1858** [*Atylotus*, *Therioplectes*] – B1, V1, S23, TL, T11, T31, O5, O62, RE, BN, BS; 0-1000 m; 1, 2; mi; Drensky 1929a, 1929b, 1931a, 1931b; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957, 1966; Moucha. & Chvála 1961; Trifonov et al. 1964; Chvála et al. 1972; Parvu 1983; Chvála 1988; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 1999b, 2000, 2002, 2005b, 2006, 2008b, 2009a, 2009b, 2011, 2016; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Tabanus bovinus* Linnaeus, 1758** – ▲; DM, E1, E2, B2, V1, V3, S23, TL, T31, R1, BS; 0-2000 m; 1, 2, 3, 4; wcp; Meunier 1897; Joakimoff 1899; Kovachev 1905; Nedelkov 1909, 1912; Drensky 1929a, 1929b, 1955, 1960; Shannon & Hadjinicolaou 1936; Leclercq 1957, 1966; Moucha. & Chvála 1961; Trifonov et al. 1964; Lavchiev & Ganeva 1991; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 1999b, 2000, 2004, 2005b, 2011, 2017; Ganeva & Penev 2002; Ganeva & Ivanov 2015.

***Tabanus briani* Leclercq, 1962** – S23, TL, RW; 230-596 m; 1; se, ? cse; Chvála et al. 1972; Chvála 1988; Ganeva 1999b, 2000, 2006; 2011, Ganeva & Penev 2002.

***Tabanus bromius* Linnaeus, 1758** – ♦; ▲; DM, E2, B1, B2, B3, K9, V1, V4, S1, S211, S23, TL, T1, T11, T31, O5, O61, R1, RW, BN, BS; 0-2000 m; 1, 2, 3, 4; wp; Meunier 1897; Nedelkov 1909, 1912; Drensky 1929a, 1942, 1955, 1960; Shannon & Hadjinicolaou 1936; Buresch 1953a; Leclercq 1957, 1966; Moucha. & Chvála 1961; Trifonov et al. 1964; Chvála et al. 1972; Lavchiev & Ganeva 1991; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 1999a, 1999b, 2001, 2002, 2004, 2005a, 2005b, 2006, 2008b, 2009a, 2009b, 2009c, 2011, 2016, 2017; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Tabanus cordiger* Meigen, 1820** [*T. vicinus* Egger, 1859] – B1, B3, V1, V4, S1, S23, TL, O5, O62, R1, RW, RE; 150-2082 m; 1, 2, 3, 4; wp; Nedelkov 1912; Drensky 1929a, 1929b, 1931a, 1931b; Shannon & Hadjinicolaou 1936; Buresch 1953a; Leclercq 1957; Trifonov et al. 1964; Chvála et al. 1972; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 1999b, 2005a, 2005b, 2009b, 2011, 2016, 2017; Ganeva & Penev 2002; Ganeva & Ivanov 2015.

***Tabanus eggeri* Schiner, 1868** [*T. intermedius* Egger, 1859] – B3, V1, S1, O62, RW, BS; 0-1545 m; 1, 2, 3, 4; hom; Drensky 1929a, 1929b, 1931a, 1931b; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957; Olsifev et al. 1967; Chvála et al. 1972; Chvála 1988; Ganeva 2005b, 2006, 2009b.

***Tabanus exclusus* Pandelle, 1883** – B1, B2, B3, V1, S1, S23, TL, T11, R1, R3, RE, BN, BS; 0-1221 m; 1, 2, 3; nm; Drensky 1929a, 1929b, 1931a, 1931b; Shannon & Hadjinicolaou 1936; Leclercq 1957, 1966; Moucha. & Chvála 1961; Chvála et al. 1972; Chvála 1988; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 1999b, 2000, 2002, 2005a, 2005b, 2008b, 2009c, 2011, 2016, 2017; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Tabanus fraseri* Austen, 1925** – BN; 0-30 m; 1; ban; Moucha & Chvála 1963; Chvála et al. 1972; Chvála 1988; Ganeva 2005b.

***Tabanus glaucopis* Meigen, 1820** [*T. cognatus* Loew, 1858] – P2, B2, B3, K9, S1, S23, TL, O5, O61, O62, R1, R3, RW, RE; 200-2080 m; 1, 2, 3, 4; esca; Drensky 1929a, 1929b, 1931a, 1931b; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957, 1966; Moucha. & Chvála 1961, 1967; Chvála et al. 1972; Chvála 1988; Lavchiev & Ganeva 1991; Ganeva 1993, 1995a, 1995c, 1996, 1999b, 2002, 2005a, 2005b, 2006, 2008a, 2009b, 2009c, 2011, 2017; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Tabanus indrae* Hauser, 1939** – S1, S23, TL; 200-650 m; 1; nmwca; Olsifev 1970, 1977; Chvála et al. 1972; Moucha 1976; Chvála 1988; Lavchiev & Ganeva 1991; Ganeva 1993, 1995a, 1995c, 1996, 1998, 1999b, 2000, 2005b, 2011; Ganeva & Penev 2002.

***Tabanus leleani* Austen, 1920** – ♠; spo; Shannon & Hadjinicolaou 1936.

***Tabanus lunatus* Fabricius, 1794** [*Atylotus*, *Therioplectes*] – V4, S23, TL, T31, BS; 0-880 m; 1, 2; mit; Nedelkov 1912; Drensky 1929a, 1929b; Shannon & Hadjinicolaou 1936; Kröber 1938; Buresch 1953a; Leclercq 1957, 1966; Trifonov et al. 1964; Chvála et al. 1972; Chvála 1988; Ganeva 2005b, 2008b; Ganeva & Kalmushka 2012.

***Tabanus maculicornis* Zetterstedt, 1842** – P3, B2, B3, V4, S23, TL, T31, R1, RW, RE; 100-2000 m; 1, 2, 3, 4; wes; Drensky 1929a, 1929b; Shannon & Hadjinicolaou 1936; Kröber 1938; Buresch 1953a; Leclercq 1957, 1966; Trifonov et al. 1964; Chvála et al. 1972; Lavchiev & Ganeva 1991; Ganeva 1993, 1995a, 1995c, 1996, 1998, 1999b, 2000, 2005a, 2005b, 2006, 2011, 2017; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Tabanus miki* Brauer, 1880** [*T. velutinus* Kröber, 1936; *T. postvelutinus* Moucha, 1962] – B1, B2, S1, S23, TL, O5, O62, R1, RW, BN; 0-2000 m; 1, 2, 3, 4; patn, ? esca; Drensky 1929a, 1929b; 1931a, 1931b; Shannon & Hadjinicolaou 1936; Kröber 1938; Buresch 1953a; Leclercq 1957, 1966; Moucha. & Chvála 1961; Chvála et al. 1972; Lavchiev & Ganeva 1991; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 1999b, 2000, 2005b, 2006, 2009b, 2011, 2016, 2017; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Tabanus obsolescens* Pandellé, 1883** – R1; 1049 m; 3; Eb; Ganeva 2017.

***Tabanus paradoxus* Jaennicke, 1866** – O5, R3; 650-760 m; 2; e; Ganeva 2009b, 2009c.

***Tabanus prometheus* Szilady, 1923** – P2, B2, S23, TL, BN; 0-550 m; 1; bci, ? nemi; Olsifev et al. 1967; Chvála et al. 1972; Chvála 1988; Ganeva 1999b, 2000, 2002, 2005a, 2005b, 2011; Ganeva & Penev 2002; Ganeva & Ivanov 2015.

***Tabanus quatuornotatus* Meigen, 1820** [*Atylotus*, *Therioplectes*] – B2, B3, V4, S23, TL, T11, T31, R1, R3, RW, BN; 0-2076 m; 1, 2, 3, 4; ? wp; Löw 1862; Nedelkov 1912; Drensky 1929a, 1929b; Drenowsky 1936; Shannon & Hadjinicolaou 1936; Kröber 1938; Buresch 1953a; Leclercq 1957, 1966; Moucha. & Chvála 1961; Trifonov et al. 1964; Chvála et al. 1972; Chvála 1988; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 1999b, 2002, 2004, 2005a, 2005b, 2006, 2008b, 2009a, 2011, 2017; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Tabanus rectus* Loew, 1858** [*T. spodopterus* Wied.; *T. automnalis* L.] – DM, B1, B3, V1, V4, S1, S211, TL, T31, RW, BN, BS; 0-950 m; 1, 2; nm; Nedelkov 1912; Drensky 1929a, 1929b; Shannon & Hadjinicolaou 1936; Buresch 1953a.

***Tabanus regularis* Jaennicke, 1866** – S23, TL, RE, BN; 0-1490 m; 1, 2, 3; mi, ? hom; Moucha. & Chvála 1961; Chvála et al. 1972; Chvála 1988; Ganeva 1999b, 2000, 2005b, 2006, 2009b, 2017; Ganeva & Penev 2002.

***Tabanus rupium* (Brauer, 1880)** – B2, S23, TL; 150-643 m; 1, 2; csean; Ganeva1993, 1995a, 1995b, 1995c, 1996, 1998, 1999b, 2000, 2005b, 2008b; Ganeva & Penev 2002; Ganeva & Ivanov 2015.

***Tabanus shannonellus* Krober, 1936** – B2, B3, S23, TL, O5, O62, R3, RE, BN, BS; 0-760 m; 1, 2; Eb; Moucha. & Chvála 1961; Chvála et al. 1972; Chvála 1988; Ganeva1993, 1995a, 1995c, 1996, 1998, 1999b, 2000, 2002, 2005a, 2005b, 2006, 2009b, 2009c, 2011; Ganeva & Penev 2002; Ganeva & Ivanov 2015.

***Tabanus smirnovi* Olsufjev, 1962** – B2, B3, TL; 190-600 m; 1; see; Ganeva 2005a, 2005b; Ganeva & Ivanov 2015.

***Tabanus spectabilis* Loew, 1858** [*T. graecus* F.] – E2, B3, V1, V4, S23, TL, BN, BS; 0-800 m; 1, 2; mit; Löw 1863; Nedelkov 1912; Drensky 1929a, 1929b; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957, 1966; Moucha. & Chvála 1961; Chvála et al. 1972; Chvála 1988; Lavchiev & Ganeva 1991; Ganeva 1993, 1999b, 2002, 2005a, 2005b; Ganeva & Penev 2002; Ganeva & Kalmushka 2012.

***Tabanus spodopterus* Meigen, 1820** [*T. spodopterus* subsp. *ponticus* Olsufjev, Moucha & Chvala, 1967] – E2, B1, B2, B3, V1, V4, S23, TL, T1, T11, T31, O5, O62, R1, R2, RW, RE, BN, BS; 0-2550 m; 1, 2, 3, 4, 5, 6; csean; Löw 1863; Drensky 1929a, 1929b, 1931a, 1931b, 1942, 1960; Shannon & Hadjinicolaou 1936; Kröber 1938; Buresch 1953a; Leclercq 1957, 1966; Moucha. & Chvála 1961; Beschovski 1964a; Petkov 1964; Olsifev et al. 1967; Chvála et al. 1972; Chvála 1988; Ganeva 1996, 1998, 1999b, 2000, 2002, 2005a, 2005b; 2006, 2009a, 2009b, 2011, 2016, 2017; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Tabanus sudeticus* Zeller, 1842** – B1, B2, B3, S23, TL, O5, O62, R3; 150-1526 m; 1, 2, 3; eanna, ? sk; Drensky 1929a, 1929b, 1931a, 1931b; Shannon & Hadjinicolaou 1936; Leclercq 1957; Chvála et al. 1972; Chvála 1988; Ganeva 2005a, 2005b, 2009b, 2009c, 2016, 2017; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Tabanus tergestinus* Egger, 1859** – E2, P3, B1, B2, B3, K9, V1, V4, S1, S211, S23, TL, T1, T11, T31, O5, O62, R1, RW, RE, BN; 0-1668 m; 1, 2, 3, 4; eswa; Nedelkov 1912; Drensky 1929a, 1929b, 1931a, 1931b, 1942, 1955; Kröber 1938; Leclercq 1957, 1966; Moucha. & Chvála 1961; Petkov 1964; Trifonov et al. 1964; Chvála et al. 1972; Chvála 1988; Lavchiev & Ganeva 1991; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 1999a, 1999b, 2000, 2001, 2002, 2005a, 2005b, 2006, 2008a, 2008b, 2009a, 2009b, 2011, 2016; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Tabanus tinctus* Walker, 1850** [*T. mixus* Szilády, 1914] – B1, B3, S23, TL, T11, T31, O5, RE, BN, BS; 0-1040 m; 1, 2, 3; hom; Szilády 1923; Kröber 1925, 1938; Drensky 1929a, 1929b; Shannon & Hadjinicolaou 1936; Moucha & Chvála 1961; Leclercq 1966; Olsifev et al. 1967; Chvála et al. 1972; Chvála 1988; Lavchiev & Ganeva 1991; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 1999b, 2000, 2002, 2005a, 2005b, 2006, 2009a, 2009b, 2011; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019.

***Tabanus unifasciatus* Loew, 1858** – B3, V1, S23, TL, T11, T31, O5, O62, R1; 150-1600 m; 1, 2, 3, 4; wp; Drensky 1929a, 1929b, 1931a, 1931b; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957, 1966; Trifonov et al. 1964; Chvála et al. 1972; Chvála 1988; Lavchiev & Ganeva 1991; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 1999b, 2000, 2002, 2005a, 2005b, 2008b, 2009a, 2009b, 2011, 2017; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Heptatoma pellucens* (Fabricius, 1776)** [*Tabanus albipes* Schrank, 1781] – B2, S23, TL; 150-710 m; 1, 2; wes; Chvála 1988; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 2000, 2005b; Ganeva & Penev 2002; Ganeva & Ivanov 2015.

***Haematopota bigoti* Gobert, 1880** [*Chrysozona*] – K9, V1, V4, S23, TL; 150-800 m; 1, 2; eanna; Drensky 1929a, 1929b; Kröber 1938; Buresch 1953a; Leclercq 1957; Ganeva 1995a, 1995b, 1995c, 1996, 1998, 1999b, 2000, 2005b, 2011; Ganeva & Penev 2002.

***Haematopota crassicornis* Wahlberg, 1848** [*Chrysozona*] – K8, V3, V4; 750-860 m; 2; wes; Drensky 1929a, 1929b; Shannon & Hadjinicolaou 1936; Buresch 1953a.

***Haematopota csikii* Szilady, 1922** [*Chrysozona*] – S23, TL; 150-350 m, 1; e, ? cse; Kröber 1938; Leclercq 1966; Moucha 1970; Pârvu 1981; Lehrer & Lehrer 1985; Chvála 1988; Lavchiev & Ganeva 1991; Ganeva 1993, 1995a, 1995c, 1999b, 2000, 2005b, 2011; Ganeva & Penev 2002.

***Haematopota grandis* Meigen, 1820** [*Chrysozona italica* var. *grande* Macquart, 1834] –S23, TL, R1; 150-1400 m; 1, 2, 3; wp; Drensky 1929a, 1929b; Kröber 1938; Leclercq 1957; Moucha 1962; Chvála et al. 1972; Chvála 1988; Ganeva 1993, 1995a, 1995b, 1998, 1999b, 2000, 2005b, 2011, 2017; Ganeva & Penev 2002; Ganeva & Ivanov 2015.

***Haematopota italica* Meigen, 1804** [*Chrysozona*] – B2, B3, K9, V1, V4, S211, S23, TL, T11, T31, O1, O5, O62, R1, R3, RW, RE, BS; 0-1400 m; 1, 2, 3; eanna; Nedelkov 1909, 1912; Drensky 1929a, 1929b, 1931a, 1931b, 1960; Drenowsky 1936; Shannon & Hadjinicolaou 1936; Buresch 1953a; Leclercq 1957; Trifonov et al. 1964; Chvála et al. 1972; Ganeva 1993, 1995a, 1995c, 1996, 1998, 1999b, 2000, 2005a, 2005b, 2006, 2009a, 2009b, 2009c, 2011, 2017; Ganeva & Penev 2002; Ganeva & Ivanov 2015.

***Haematopota longeantennata* (Olsufjev, 1937)** – S23, TL, T2; 350-650 m; 1; ban; Ganeva 1995a, 1995c, 1996, 1998, 1999b, 2000, 2005b; Ganeva & Penev 2002; Ganeva & Ivanov 2015.

***Haematopota ocelligera* (Kröber, 1922)** [*H. hispanica* Szilady, 1923] – S23, TL, BN, BS; 0-350 m; 1; hom; Moucha. & Chvála 1961; Leclercq 1957; Chvála et al. 1972; Chvála 1988; Ganeva 1993, 1995c, 1999b, 2000, 2005b; Ganeva & Penev 2002.

***Haematopota pandazisi* (Kröber, 1936)** [*H. variegata pandazisi* Kröber, 1936; *Chrysozona italica* var. *variegata* Fabricius, 1805] – B2, B3, S211, S23, TL, BN, BS; 0-780 m; 1, 2; hom; Drensky 1929a, 1929b; Moucha & Chvála 1961; Leclercq 1966; Chvála et al. 1972; Chvála 1988; Ganeva 1999b, 2000, 2005a; Ganeva & Ivanov 2015.

***Haematopota pluvialis* (Linnaeus, 1758)** [*Chrysozona*, *Tabanus*] – ♦; ▲; B1, B2, B3, K9, V1, V4, S23, TL, T11, T31, O5, O62, R1, RW, BN, BS; 0-2261 m; 1, 2, 3, 4, 5; pat, ? hop; Löw 1862; Meunier 1897; Joakimoff 1899; Nedelkov 1909, 1912; Drensky 1929a, 1929b, 1931a, 1931b, 1942, 1960; Shannon & Hadjinicolaou 1936; Moucha & Chvála 1961; Leclercq 1957, 1966; Beschovski 1964a; Petkov 1964; Trifonov et al. 1964; Chvála et al. 1972; Chvála 1988; Lavchiev & Ganeva 1991; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 1999a, 1999b, 2001, 2002, 2004, 2005a, 2005b, 2008b, 2009a, 2009b, 2011, 2017; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Haematopota scutellata* (Olsufjev, Moucha & Chvala, 1964)** – B3, S23, TL, T11, O5, R1, R3; 230-1625 m; 1, 2, 3, 4; e; Chvála et al. 1972; Chvála 1988; Ganeva 1993, 1995a, 1995c, 1996, 1998, 1999b, 2000, 2005a, 2005b, 2009a, 2017; Ganeva & Penev 2002; Ganeva & Ivanov 2015.

***Haematopota subcylindrica* Pandelle, 1883** [*Chrysozona pluvialis* var. *subcylindrica* Pandellé, 1883] – ♦; S23, TL, R1; 150-1569 m; 1, 2, 3, 4; esca, ? esit; Drensky 1929a, 1929b; Kröber 1932; Leclercq 1966; Chvála 1988; Lavchiev & Ganeva 1991; Ganeva 1993, 1995a, 1996, 1998, 1999b, 2000, 2017; Ganeva & Penev 2002.

***Haematopota turkestanica* (Kröber, 1922)** – TL; 230 m; 1; esca; Ganeva 1995a.

***Dasyrhamphis anthracinus* (Meigen, 1820)** – TL, T11; 150-400 m; 1; sena; Chvála et al. 1972; Chvála 1988; Ganeva 2005b, 2009a.

***Dasyrhamphis ater* (Rossi, 1790)** [*Atylotus*] – B2, S1, S23, TL, T31, O5, O62, BN, BS; 0-1526 m; 1, 2, 3; sena, ? hom; Löw 1863; Drensky 1929a, 1929b, 1931a, 1931b, 1942, 1960; Shannon & Hadjinicolaou 1936; Leclercq 1957; Chvála et al. 1972; Chvála 1988; Ganeva 1993, 1995a, 1995c, 1996, 1999b, 2000, 2009b, 2017; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

***Dasyrhamphis nigritus* (Fabricius, 1794)** [*Tabanus*] – S1, TL, BN, BS; 0-250 m; 1; hom; Drensky 1929a, 1929b, 1942; Shannon & Hadjinicolaou 1936; Moucha & Chvála 1961.

***Dasyrhamphis umbrinus* (Meigen, 1820)** [*Atylotus*, *Tabanus*] – S23, TL, T11, T31, O5, O62, BN; 0-400 m; 1; nmi; Löw 1862; Nedelkov 1912; Drensky 1929a, 1929b, 1931a, 1931b; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1966; Trifonov et al. 1964; Chvála 1988; Ganeva 1993, 1995b, 1996, 1998, 1999b, 2002, 2005b, 2006, 2008b, 2009a, 2009b; Ganeva & Penev 2002; Ganeva & Kalmushka 2012.

***Philipomyia aprica* (Meigen, 1820)** [*Tabanus*; *T. graecus apricus* Meigen, 1820] – E2, B3, K9, S211, T31, O62, R1, R2, RW, RE, BN; 0-2082 m; 1, 2, 3, 4; eani; Drensky 1929a, 1929b, 1931a, 1931b, 1942, 1955; Drenowsky 1936; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957, 1966; Moucha & Chvála 1961; Trifonov et al. 1964; Chvála et al. 1972; Pârvu 1983; Chvála 1988; Ganeva 1988, 1996, 2000, 2005a, 2009a, 2009b, 2017.

***Philipomyia graeca* (Fabricius, 1794)** [*Tabanus*; ? *T. apricus graecus* Meigen, 1820] – E2, P3, B1, B3, V3, V4, S1, S23, TL, T11, T31, O5, O62, R1, RW, RE, BN, BS; 0-2082 m; 1, 2, 3, 4; csean; Nedelkov 1912; Drensky 1929a, 1929b, 1931a, 1931b, 1960; Shannon & Hadjinicolaou 1936; Kröber 1938; Leclercq 1957, 1966; Moucha & Chvála 1961; Beschovski 1971a; Chvála et al. 1972; Chvála 1988; Lavchiev & Ganeva 1991; Ganeva 1993, 1995a, 1995b, 1995c, 1996, 1998, 1999b, 2000, 2002, 2005b, 2006, 2008a, 2009a, 2009b, 2011, 2016, 2017; Ganeva & Penev 2002; Ganeva & Kalmushka 2012, 2019; Ganeva & Ivanov 2015.

Vermileonidae

***Vermileo vermileo* (Linnaeus, 1758)** [*V. degeeri* Macquart, 1834] – B1; 390 m; 1; hom; Popov 1968; Majer 1988.

Nemestrinidae

***Nemestrinus caucasicus* (Fischer, 1806)** [*Rhynchocephalus analis* Olivier, 1810; *R. albofasciatus* Wiedemann, 1828] – S1; 245 m; 1; nemit; Löw 1863; Richter 1988.

Acroceridae (Cyrtidae, Oncodidae, Ogcodidae)

***Ogcodes* (*Ogcodes*) *lautereri* Chvala, 1980** – R2; 2000-2900 m; 4, 5, 6; sena, ? mm; Chvála 1980.

***Ogcodes* (*Ogcodes*) *reginae* (Trojan, 1956)** – BS; 0-20 m; 1; esca; Bankowska 1967a; Nartshuk 1988.

Bombyliidae

***Toxophora fasciculata* (Villers, 1789)** [*T. maculata* Rossi, 1790] – BN; 0-30 m; 1; swpat; Löw 1862; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Phthiria gaedii* Wiedemann in Meigen, 1820** – ♠; swp, ? wp; Zaitzev 1989; Evenhuis 2015.

***Usia* (*Usia*) *aenea* (Rossi, 1794)** – V3; 900-1000 m; 2; nm, ? hom; Drenowsky 1936, 1939; Zaitzev 1989; Katbeh-Bader & Arabyat 2004.

***Geron gibbosus* (Olivier, 1789)** – TL; 150-200 m; 1; mca; Nedelkov 1909, 1912; Zaitzev 1989; Beschovski 2006a.

? *Geron intonsus* Bezzi, 1925 – ♠; ? mi; Zaitzev 1989. According to Evenhuis (2015) the species is not presented in Europe.

***Geron krymensis* Paramonov, 1929** – ♠; swp; Katbeh-Bader & Arabyat 2004.

***Chalcochiton holosericea* (Fabricius, 1794)** – V1, S21; 600-750 m; 2; mit; Nedelkov 1912.

***Chalcochiton pallasii* (Loew, 1856)** [*Mulio*] – S1, BN; 0-300 m; 1; ? mit, ? wp; Löw 1862, 1863; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Cytherea obscura* Fabricius, 1794** – ♠; mit, ? mwca; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Amictus pictus* Loew, 1869** – ♠; mi; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Amictus validus* Loew, 1869** – TL, RE, BS; 0-300 m; 1; mit; Nedelkov 1912; Beschovski 2004, 2006a; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Anastoechus nitidulus* (Fabricius, 1794)** – DM, P2, SB, V1, V4, TL, RW, BN, BS; 0-800 m; 1, 2; po; Nedelkov 1912; Zaitzev 1989; Beschovski 2006a; Evenhuis 2015.

***Bombylisoma minimum* (Scopoli, 1771)** – B1, V1, TL; 250-700 m; 1, 2; nmi; Nedelkov 1912; Evenhuis 2015.

***Bombylisoma nigriceps* (Loew, 1855)** [*Dischistus*] – BN; 0-20 m; 1; eani, ? nmi; Löw 1862; Zaitzev 1989; Evenhuis 2015.

***Bombylisoma unicolor* (Loew, 1855)** – ♠; mi; Zaitzev 1989; Evenhuis 2015.

***Bombylella atra* (Scopoli, 1763)** [*Bombylius*] – E2, B1, V3, V4, S1, S2, TL, R1, BN; 0-2100 m; 1, 2, 3, 4; tp; Löw 1862; Joakimoff 1899; Nedelkov 1912; Drensky 1955; Evenhuis 2015.

***Bombomyia vertebralis* Dufour, 1833** [*Bombilius punctatus* Fabricius, 1794] – E2, TL, BN; 0-200 m; 1; wp; Löw 1862; Nedelkov 1909, 1912.

***Bombylius* (*Bombylius*) *canescens* Mikan, 1796** [*B. variabilis* Loew, 1855] – DM, B1, K9, V1, S211; 30-780 m; 1, 2; wp; Nedelkov 1909, 1912; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Bombylius* (*Bombylius*) *cinerascens* Mikan, 1796** – S211; 700-800 m; 2; eanna, ? wp; Nedelkov 1912; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Bombylius* (*Bombylius*) *discolor* Mikan, 1796** – V1, V3, V4, TL; 150-800 m; 1, 2; wpo; Meunier 1897; Nedelkov 1912.

***Bombylius* (*Bombylius*) *fimbriatus* Meigen, 1820** – V1, V4; 550-750 m; 2; wcp; Nedelkov 1912.

***Bombylius* (*Bombylius*) *floccosus* Loew, 1857** – S1; 250-300 m; 1; mi; Löw 1863; Zaitzev 1989; Evenhuis 2015.

***Bombylius* (*Bombylius*) *fulvescens* Wiedemann in Meigen, 1820** – P1, P2, B1, V1, V4, BN, BS; 0-800 m; 1, 2; wcp, ? wp; Nedelkov 1912; Beschovski 1971a; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Bombylius* (*Bombylius*) *major* Linnaeus, 1758** – ♦; V1, V4, O61, R1; 300-2000 m; 1, 2, 3, 4; ho; Meunier 1897; Joakimoff 1899; 1933; Nedelkov 1912; Evenhuis 2015.

***Bombylius* (*Bombylius*) *medius* Linnaeus, 1758** – E2, V1, TL, O61, R1, RE; 20-2100 m; 1, 2, 3, 4; wcp; Joakimoff 1899; 1933; Nedelkov 1909, 1912; Beschovski 2004; Evenhuis 2015.

***Bombylius* (*Bombylius*) *minor* Linnaeus, 1758** – V1, S21, R1, BN; 0-1150 m; 1, 2, 3; esca; Joakimoff 1899; Nedelkov 1912; Evenhuis 2015.

***Bombylius* (*Bombylius*) *niveus* Meigen, 1804** – ♠; mi; Zaitzev 1989; Evenhuis 2015.

***Bombylius* (*Bombylius*) *nubilus* Mikan, 1796** – BN; 0-30 m; 1; ? swp; Löw 1862.

***Bombylius* (*Bombylius*) *posticus* Fabricius, 1805** [*B. vulpinus* Wiedemann in Meigen, 1820] – DM, P1, B1, V1, S21, S211, BN; 0-800 m; 1, 2; wp; Löw 1862; Nedelkov 1912; Evenhuis 2015.

***Bombylius* (*Bombylius*) *trichurus* Pallas, 1818** – ♠; wpat; Katbeh-Bader & Arabyat 2004.

***Bombylius* (*Bombylius*) *venosus* Mikan, 1796** – V1, V4, S211; 550-800 m; 2; wp; Nedelkov 1912; Evenhuis 2015.

***Bombylius* (*Zephyrectes*) *cruciatus* Fabricius, 1798** – DM, TL, BN, BS; 0-200 m; 1; mi; Nedelkov 1909, 1912.

***Bombylius* (*Zephyrectes*) *quadrifarius* Loew, 1855** – ♠; emca; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Triplasius pictus* (Panzer, 1794)** [*Bombylius*] – E2, V1, V4, TL; 140-1000 m; 1, 2; eanna; Nedelkov 1912; Drensky 1955.

***Conophorus glaucescens* (Loew, 1863)** [*Ploas*] – S1; 250-300 m; 1; em; Löw 1863; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Conophorus virescens* (Fabricius, 1789)** [*Ploas*] – V1, V4, S1, Tl, R3, RW, BN; 0-1500 m; 1, 2, 3; wcp; Löw 1862, 1863; Nedelkov 1912; Drenowsky 1939; Drensky 1939a; Beschovski 1971a, 2006a.

***Prorachthes beckeri* Paramonov, 1927** – ♠; seean, ? nm; Zaitzev 1989; Evenhuis 2015.

***Systoechus autumnalis* (Pallas, 1818)** – ♠; swp; Zaitzev 1989; Evenhuis 2015.

***Systoechus ctenopterus* (Mikan, 1796)** [*S. sulphureus* Mikan, 1796] – DM, V1, S2, BN, BS; 0-1000 m; 1, 2; wcp; Meunier 1879; Nedelkov 1909, 1912; Evenhuis 2015.

***Systoechus gradatus* (Wiedemann in Meigen, 1820)** [*Bombylius leucophaeus* Wiedemann *in* Meigen, 1820] – P1, B1, B2, V1, S1, S211, BN, BS; 0-1000 m; 1, 2; wcp; Löw 1863; Nedelkov 1912; Evenhuis 2015.

***Systoechus longirostris* Becker, 1916** – ♠; eit; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Lomatia alecto* Loew, 1846** – ♠; csei; Zaitzev 1989; Evenhuis 2015.

***Lomatia atropos* Egger, 1859** – P1, B1; 300-400 m; 1; Ebs; Nedelkov 1912.

***Lomatia belzebul* (Fabricius, 1794)** – P1, B1, V1, S1; 250-600 m; 1; wp; Löw 1863; Nedelkov 1912.

***Lomatia erinnys* Loew, 1869** – ♠; swp, ? wp; Zaitzev 1989; Evenhuis 2015.

***Lomatia tysiphone* Loew in Schiner, 1860** [*L. infernalis* Schiner, 1868] – V1; 600 m; 1; mt; Nedelkov 1912; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Lomatia lachesis* Egger, 1859** – R3; 1450 m; 3; wp; Drenowsky 1939; Drensky 1939a; Zaitzev 1989; Evenhuis 2015.

***Lomatia lateralis* (Meigen, 1820)** – P1, B1; 300-400 m; 1; wp; Nedelkov 1912; Zaitzev 1989; Evenhuis 2015.

***Lomatia sabaea* (Schaeffer, 1766)** – P2, B1, S21, O61, R1; 150-800 m; 1, 2; eanna, ? wp; Joakimoff 1899; Nedelkov 1912; Zaitzev 1989; Evenhuis 2015.

***Anthrax aethiops* (Fabricius, 1781)** [*Argyromoeba*, *Spodostylum*] – Tl, RE; 150-200 m; 1; wp; Nedelkov 1912; Zaitzev 1989; Beschovski 2004; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Anthrax anthrax* (Schrank, 1781)** – ♠; tp; Joakimoff 1933; Evenhuis 2015.

***Anthrax binotatus* Wiedemann in Meigen, 1820** [*Argyromoeba*] – V1, V4, 500-800 m, 1, 2; wp; Nedelkov 1912; Zaitzev 1989; Evenhuis 2015.

***Anthrax trifasciatus* Meigen, 1804** [*Argyromoeba*] – V1, TL, RE; 180-550 m; 1; wpo; Nedelkov 1909, 1912; Zaitzev 1989; Beschovski 2004; Evenhuis 2015.

***Anthrax varius* Fabricius, 1794** [*Argyromoeba*] – R1, BN; 0-1350 m; 1, 2, 3; wcp; Nedelkov 1912; Drensky 1942; Zaitzev 1989; Evenhuis 2015.

***Anthrax virgo* Egger, 1859** – ♠; mi; Zaitzev 1989; Evenhuis 2015.

***Desmatoneura nivea* (Rossi, 1790)** – ♠; sena; Zaitzev 1989; Evenhuis 2015.

***Petrorossia hespera* (Rossi, 1790)** – ♠; mt, ? mit; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Petrorossia letho* (Wiedemann, 1828)** – ♠; swpat; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Spogostylum isis* (Meigen, 1820)** [*Argyromoeba subnotata* Walker, 1871] – V1, V4, S21, TL, RE; 150-900 m; 1, 2; mwca, ? mit, ? swpat; Nedelkov 1909, 1912; Beschovski 2004.

***Spogostylum tripunctatum* (Pallas in Wiedemann, 1818)** – ♠; mwca; Zaitzev 1989; Evenhuis 2015.

***Exhyalanthrax afer* (Fabricius, 1794)** [*Anthrax*] – S21, TL; 200-700 m; 1, 2; ppt; Nedelkov 1912; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Exoprosopa capucina* (Fabricius, 1781)** – V4, R1; 800-1000 m; 2; esanca; Nedelkov 1912; Evenhuis 2015.

***Exoprosopa jacchus* (Fabricius, 1805)** [*E. picta* Wiedemann in Meigen, 1820] – BN, BS; 0-100 m; 1; ? wcp, ? eanca; Nedelkov 1912; Drensky 1942; Zaitzev 1989; Evenhuis 2015.

***Exoprosopa rutila* (Pallas & Wiedemann, 1818)** – ♠; mca; Zaitzev 1989.

***Defilippia minos* (Meigen, 1804)** [*Exoprosopa germari* Wiedemann, 1818] – ♦; DW, DM, E2, SB, V1, S211, S2, TL, RW, RE, BN, BS; 0-1200 m; 1, 2, 3; wcp; Nedelkov 1909, 1912; Drensky 1942, 1955; Beschovski 1971a, 2004, 2006a.

***Balaana grandis* (Wiedemann in Meigen, 1820)** [*Exoprosopa fasciata* Dufour, 1850] – ♦; TL; 250; 1; mwca; Nedelkov 1912; Joakimoff 1933; Zaitzev 1989; Beschovski 2006a; Evenhuis 2015.

***Hemipenthes hamifera* (Loew, 1854)** – ♠; nmca; Zaitzev 1989; Evenhuis 2015.

***Hemipenthes maura* (Linnaeus, 1758)** [*Anthrax*] – V1, S21, R1, R3; 550-1700 m; 1, 2, 3, 4; esanca; Meunier 1897; Nedelkov 1912; Drenowsky 1936; Evenhuis 2015.

***Hemipenthes morio* (Linnaeus, 1758)** [*Anthrax*] – DM, E1, E2, P1, SB, B1, V1, V4, S211, TL, R1, RW, BN, BS; 0-1000 m; 1, 2; h, ? ho; Meunier 1897; Nedelkov 1909, 1912; Joakimoff 1933; Drensky 1955; Evenhuis 2015.

***Hemipenthes velutina* (Meigen, 1820)** [*Anthrax*] – P1, SB, B1, V1, V4, S1, S22, TL, BN; 0-800 m; 1, 2; spo; Nedelkov 1909, 1912; Drensky 1955; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Heteralonia* (*Zygodipla*) *aeaca* (Meigen, 1804)** [*Exoprosopa*] – BS; 0-10 m; 1; spat; Nedelkov 1912; Zaitzev 1989; Evenhuis 2015.

***Heteralonia* (*Homolonia*) *megerlei* (Meigen, 1820)** [*Exoprosopa vespertilio* Wiedemann in Meigen, 1820] – S22, TL, RW, BN; 0-1000 m; 1, 2; sppt; Löw 1862; Nedelkov 1912; Drensky 1942; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Beschovski 2006a; Evenhuis 2015.

***Exoprosopa rivularis* (Meigen, 1820)** – ♠; mca; Zaitzev 1989.

***Ligyra ferrea* (Walker, 1849)** – ♠; nm; Zaitzev 1989; Evenhuis 2015.

***Micomitra iris* (Loew, 1869)** – ♠; nmwca; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Thyridanthrax elegans* (Wiedemann in Meigen, 1820)** – ♠; mca; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Thyridanthrax fenestratus* (Fallén, 1814)** [*Anthrax*] – V1, BN, BS; 0-600 m; 1, 2; wcp; Nedelkov 1909, 1912; Evenhuis 2015.

***Thyridanthrax perspicillaris* (Loew, 1869)** – ♠; ppt; Katbeh-Bader & Arabyat 2004.

***Villa brunnea* Becker, 1916** – ♠; nmi; Zaitzev 1989; Evenhuis 2015.

***Villa cana* (Meigen, 1804)** [*V. quinquefasciata* Wiedemann in Meigen, 1820] – ♠; wp, ? swp; Zaitzev 1989; Evenhuis 2015.

***Villa clarissima* (Loew, 1857)** – ♠; hom; Zaitzev 1989; Evenhuis 2015.

***Villa fasciata* (Meigen, 1804)** [*Anthrax circumdata* Meigen, 1820] – BN; 0-20 m; 1; wcp; Löw 1862; Zaitzev 1989; Evenhuis 2015.

***Villa ixion* (Fabricius, 1794)** [*Anthrax humilis* Ruthe, 1831; *V. pygarga* (Loew, 1868)] – V1, S1, TL, BN; 0-600 m; 1, 2; wp; Nedelkov 1912; Drensky 1942; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Villa halteralis* (Kowarz, 1883)** – ♠; e; Zaitzev 1989; Evenhuis 2015.

***Villa hottentotta* (Linnaeus, 1758)** [*Anthrax flava* Meigen, 1820] – DM, E2, P1, B1, V1, S1, S21, S22, TL, R1, BN, BS; 0-1000 m; 1, 2; hop; Löw 1862; Nedelkov 1909, 1912; Joakimoff 1899, 1933; Drensky 1955; Evenhuis 2015.

***Villa niphobleta* (Loew, 1869)** – ♠; wcp; Zaitzev 1989; Katbeh-Bader & Arabyat 2004; Evenhuis 2015.

***Villa occulta* (Wiedemann in Meigen, 1820)** – ♠; ess; Zaitzev 1989; Evenhuis 2015.

***Villa paniscus* (Rossi, 1790)** [*Anthrax*] – V1, TL, RW; 150-800 m; 1, 2; po; Nedelkov 1909, 1912; Beschovski 2006a; Evenhuis 2015.

***Villa ventruosa* (Loew, 1869)** – ♠; mi; Zaitzev 1989; Evenhuis 2015.

Mythicomyiidae

***Cyrtosia marginata* Perris, 1839** – BS; 0-10 m; 1; se; Mielczarek 2018.

***Platypygus ridibundus* (Costa, 1863)** – O62, R2; 250-550 m; 1; sena, ? hom; Zaitzev 1989; Evenhuis 2002; Gharali et al. 2013; Mielczarek 2018.

Therevidae

***Acrosathe annulata* (Fabricius, 1805)** [*Thereva*] – BN; 0-20 m; 1; e; Löw 1862.

***Cionophora kollari* Egger, 1854** – BN; 0-20 m; 1; see; Löw 1862; Lyneborg 1989.

***Cliorismia ardea* (Fabricius, 1794)** [*Psilocephala*] – B2, V1; 600-1300 m; 2, 3; e; Nedelkov 1912; Drensky 1934c.

***Pandivirilia eximia* (Meigen, 1820)** [*Psilocephala*] – B2, R1; 1300-1400 m; 3; e; Nedelkov 1910, 1912; Drensky 1934c.

***Thereva aurata* (Loew, 1854)** – DW; 130-140 m; 1; csean; Tsvetanov 2021.

***Thereva cinifera* Meigen, 1830** [*T. subfasciata* Schummel, 1839] – B2, V4; 800-1300 m; 2, 3; wes; Nedelkov 1910, 1912; Drensky 1934c.

***Thereva marginula* Meigen, 1820** – B2, V4; 800-1300 m; 2, 3; e; Nedelkov 1910, 1912; Drensky 1934c.

***Thereva plebeja* (Linnaeus, 1758)** – BN; 0-30 m; 1; ? des; Drensky 1942.

***Thereva praecox* Egger, 1859** – TL, RW; 150-500 m; 1; e; Nedelkov 1910, 1912; Lyneborg 1989; Beschovski 2006a.

***Thereva spinulosa* Loew, 1847** – BN; 0-30 m; 1; hom; Löw 1862.

***Thereva tuberculata* Loew, 1847** – B2, R1, BN; 0-1300 m; 1, 2, 3; sena; Löw 1862; Drensky 1934c.

Scenopinidae (Omphralidae)

***Scenopinus fenestralis* (Linnaeus, 1758)** – V1, S21, TL; 150-800 m; 1, 2; sk, ? k; Nedelkov 1910, 1912.

***Scenopinus glabrifrons* Meigen, 1824** – V1; 600-650 m; 1; sk, ? k; Nedelkov 1912.

Asilidae

***Choerades dioctriaeformis* (Meigen, 1820)** [*Laphria*] – B1, TL; 150-370 m; 1; cse, ? e; Nedelkov 1910, 1912.

***Choerades fimbriata* (Meigen, 1820)** [*Laphria*] – B1, V1, V4, R1, RW, BS; 0-1450 m; 1, 2, 3; wes; Nedelkov 1909, 1910, 1912; Szilady 1934; Hradský & Moucha 1964, 1967; Jelesova 1971; Beschovski 2006a.

***Choerades fuliginosa* (Panzer, 1798)** [*Laphria*] – P2, B1, B2, S1, S22, TL, T31, O62, R2, R5, BS; 0-1200 m; 1, 2, 3; wces; Nedelkov 1910, 1912; Drenowsky 1936; Hradský & Moucha 1964, 1967; Lehr 1988.

***Choerades fulva* (Meigen, 1804)** [*Ch. proboscidea* (Loew, 1847); *Laphria*] – V1, S1, TL, O62, RW; 150-1100 m; 1, 2, 3; des; Nedelkov 1910, 1912; Hradský & Moucha 1967; Beschovski 2006a.

***Choerades gilva* (Linnaeus, 1758)** [*Laphria*] – TL, RW; 150-1926 m; 1, 2, 3, 4; h; Hradský & Moucha 1964, 1967; Jelesova 1975; Lehr 1988; Beschovski 2006a; Beron 2011.

***Choerades ignea* (Meigen, 1820)** [*Laphria*] – S21, R1; 650-800 m; 2; wes; Nedelkov 1909, 1912.

***Choerades marginata* (Linnaeus, 1758)** [*Laphria*] – S21, RE; 120-600 m; 1; e; Meunier, 1897; Nedelkov 1910, 1912; Jelesova 1975; Beschovski 2004; Beron 2011.

***Laphria aurea* (Fabricius, 1794)** – ♠; eswa; Lehr 1988.

***Laphria ephippium* (Fabricius, 1781)** – SB, V4, RW; 600-1000 m; 1, 2; e; Nedelkov 1910, 1912; Szilady 1934; Hradský & Moucha 1964, 1967; Lehr 1988; Beschovski 2006a.

***Laphria flava* (Linnaeus, 1761)** – DW, P2, B1, B2, B3, V1, V4, S2, R1, R2, R3, RW, BS; 0-2500 m; 1, 2, 3, 4, 5; po; Meunier, 1897; Nedelkov 1909, 1910, 1912; Szilady 1934; Drenowsky 1936; Hradský & Moucha 1964, 1967; Jelesova 1971, 1974a, 1975; Lehr 1988; Beschovski 2006a; Beron 2011.

***Laphria gibbosa* (Linnaeus, 1758)** – B2, B3, R1, R3; 600-1400 m; 2, 3; hoes; Szilady 1934; Drenowsky 1936, 1939; Drensky 1939a; Hradský & Moucha 1964, 1967; Jelesova 1974a.

***Andrenosoma atrum* (Linnaeus, 1758)** – B1; 1450 m; 3; ena; Jelesova 1971.

***Pogonosoma maroccanum* (Fabricius, 1794)** [*Laphria*] – DM, B3, K9, V1, S1, TL, BN, BS; 0-1100 m; 1, 2, 3; eanna; Löw 1862; Nedelkov 1909, 1910, 1912; Hradský & Moucha 1964, 1967; Jelesova 1974a; Lehr 1988.

***Dioctria atricapilla* Meigen, 1804** – B1, V1, RW; 1000-1300 m; 3; tes; Hradský & Moucha 1967; Jelesova 1971, 1975; Beschovski 2006a; Beron 2011.

***Dioctria bulgarica* Hradsky & Moucha, 1964** – V4; 1500 m; 3, 4; Ebg, ? Er; Hradský & Moucha 1964, 1967; Lehr 1988.

***Dioctria cothurnata* Meigen, 1820** [*D. reinhardi* Meigen, 1820] – V1, S1, TL, R1, RW; 150-1600 m; 1, 2, 3, 4; wces; Nedelkov 1910, 1912; Hradský & Moucha 1964, 1967; Jelesova 1975; Lehr 1988; Beschovski 2006a; Beron 2011.

***Dioctria flavipennis* Meigen, 1820** [*D. aurifrons* Meigen, 1820] – B1, B3, V1, V4, T31; 300-1300 m; 1, 2, 3; esca; Nedelkov 1910, 1912; Hradský & Moucha 1967; Jelesova 1971, 1974a; Lehr 1988.

***Dioctria harcyniae* Loew, 1844** – V4; ♠; e; Hradský & Moucha 1967; Lehr 1988.

***Dioctria humeralis* Zeller, 1840** – B2, V1; 1070 m; 3; tes; Nedelkov 1912; Jelesova 1974a; Lehr 1988.

***Dioctria hyalipennis* (Fabricius, 1794)** [? *D. flavipes* Meigen, 1804] – B2; 1070-1200 m; 3; h; ? Hradský & Moucha 1964; Jelesova 1974a; Lehr 1988.

***Dioctria lateralis* Meigen, 1804** [*Cyrtopogon*] – B2, RW; 360-1000 m; 1, 2; ena; Nedelkov 1912; Jelesova 1974a; Lehr 1988; Beschovski 2006a.

***Dioctria linearis* (Fabricius, 1787)** – P2, B2, O62, RW, BS; 0-1000 m; 1, 2; e; Hradský & Moucha 1964, 1967; Lehr 1988; Beschovski 2006a.

***Dioctria longicornis* Meigen, 1820** – T31; 300 m; 1; e; Hradský & Moucha 1967; Lehr 1988.

***Dioctria oelandica* (Linnaeus, 1758)** – B1, B2, V1, V4, S211, TL, O61, R1, R2, R5, RW; 200-1700 m; 1, 2, 3, 4; e; Joakimoff 1899; Nedelkov 1910, 1912; Hradský & Moucha 1964, 1967; Jelesova 1971, 1974a, 1975; Lehr 1988; Beschovski 2006a; Beron 2011.

***Dioctria rufipes* (De Geer, 1776)** – B2, V1, TL, BN; 0-1300 m; 1, 2, 3; esca; Meunier, 1897; Drensky 1942; Hradský & Moucha 1964, 1967; Jelesova 1974a; Beschovski 2006a.

***Dioctria rufithorax* Loew, 1853** – V1, BN; 0-600 m; 1; e, ? csee; Nedelkov 1912; Drensky 1942; Hradský & Moucha 1964, 1967; Lehr 1988.

***Molobratia teutonus* (Linnaeus, 1767)** [*Dasypogon*, *Selidopogon*] – P2, B1, B2, R2, RW, BS; 0-1110 m; 1, 2, 3; esanca; Drenowsky 1936; Hradský & Moucha 1964, 1967; Jelesova 1971, 1974a, 1975; Lehr 1988; Beschovski 2006a; Beron 2011.

***Lasiopogon cinctus* (Fabricius, 1781)** – B1, R1, RW; 300-2650 m; 1, 2, 3, 4, 5, 6; e; Nedelkov 1910, 1912; Jelesova 1974a, 1975; Lehr 1988; Beschovski 2006a; Beron 2011.

***Lasiopogon montanus* Schiner, 1862** – B2, R1, RW; 1400-2150 m; 3, 4; se, mm; Jelesova 1974a, 1975; Lehr 1988; Beschovski 2006a; Beron 2011.

***Lasiopogon soffneri* Hradsky & Moucha, 1964** – TL, RW; 230-360 m; 1; Ebg; Hradský & Moucha 1964, 1967; Lehr 1988; Beschovski 2006a.

***Stichopogon albofasciatus* (Meigen, 1820)** – D, V1, BS; 0-600 m; 1; eanna; Nedelkov 1910, 1912; Hradský & Moucha 1964, 1967; Lehr 1988.

***Stichopogon elegantulus* (Wiedemann, 1820)** [*S. tener* Loew, 1847] – DM, V1, BN, BS; 0-600 m; 1; wp; Nedelkov 1909, 1910, 1912; Hradský & Moucha 1964, 1967; Lehr 1988.

***Stichopogon inaequalis* Loew, 1847** – V1, BS; 0-600 m; 1; wpo; Nedelkov 1910, 1912; Hradský & Moucha 1964, 1967; Lehr 1988.

***Stichopogon scaliger* Loew, 1847** – B1, V1, BN, BS; 0-600 m; 1; mi; Nedelkov 1910, 1912; Hradský & Moucha 1967; Lehr 1988.

***Stichopogon schineri* Koch, 1872** [*Asilus*] – DM; 20-30 m; 1; ? wp; Nedelkov 1909, 1912.

***Ancylorhynchus glaucius* (Rossi, 1790)** [*Xiphocerus*] – DM, V1, S1, BN; 0-600 m; 1; ? hom; Löw 1862; Nedelkov 1910, 1912.

***Cyrtopogon platycerus* Villeneuve, 1913** [*Cyclosocerus*] – RW; 1000-2150 m; 3, 4; se, ? mm; Jelesova 1975; Beschovski 2006a; Tomasovic 2006; Beron 2011.

***Cyrtopogon maculipennis* (Macquart, 1834)** – B3; 600-650 m; 1, 2; h; Jelesova 1975; Lehr 1988; Tomasovic 2006.

***Cyrtopogon ruficornis* (Fabricius, 1794)** – B1, S22, RW; 450-1926 m; 1, 2, 3, 4; e; Nedelkov 1909, 1912; Jelesova 1971, 1975; Beschovski 2006a; Tomasovic 2006; Beron 2011.

***Heteropogon ornatipes* Loew, 1851** – ♠; em; Lehr 1988.

***Holopogon nigripennis* (Meigen, 1820)** – RW; 250-400 m; 1; esca; Hradský & Moucha 1964, 1967; Lehr 1988; Beschovski 2006a.

***Holopogon priscus* (Meigen, 1820)** [*H. clavipes* (Loew, 1840)] – V1; 600 m; 1, 2; west; Nedelkov 1912.

***Pycnopogon fasciculatus* (Loew, 1847)** – O62; 250 m; 1; hom; Hradský & Moucha 1967; Lehr 1988.

***Stenopogon callosus* (Pallas, 1818)** – ♠; e; Lehr 1988.

***Stenopogon coracinus* (Loew, 1847)** – B3, TL, O61, O62; 150-1000 m; 1, 2; nm; Nedelkov 1912; Hradský & Moucha 1967; Jelesova 1974a; Lehr 1988.

***Stenopogon elongatus* (Meigen, 1804)** – DM, E1, E2; 20-30 m; 1; atm; Nedelkov 1910, 1912.

***Stenopogon milvus* (Loew, 1847)** [*S. subaudus milvus* (Loew, 1847)] – TL, R3, RW; 250-1500 m; 1, 2, 3, 4; ban; Drenowsky 1936; Hradský & Moucha 1964, 1967; Lehr 1988.

***Stenopogon sabaudus* (Fabricius, 1794)** – DM, B1, V1, S1, S2, TL, O62, RW, RE, BN, BS; 0-1000 m; 1, 2; nmi; Nedelkov 1909, 1910, 1912; Hradský & Moucha 1964, 1967; Jelesova 1971; Lehr 1988; Beschovski 2004, 2006a; Beron 2011.

***Leptarthrus brevirostris* (Meigen, 1804)** – V4, R2; 1000-1200 m; 2, 3; e; Hradský & Moucha 1964, 1967; Lehr 1988.

***Dasypogon diadema* (Fabricius, 1781)** [*Selidopogon*] – E1, B1, B2, V1, V3, S1, S211, TL, R1, RW, BS; 0-2370 m; 1, 2, 3, 4, 5; wp; Nedelkov 1909, 1910, 1912; Drenowsky 1936, 1939; Hradský & Moucha 1964, 1967; Jelesova 1971, 1974a, 1975; Lehr 1988; Beschovski 2006a; Beron 2011.

***Dasypogon melanopterus* Loew, 1869** [*D. diadema melanoptera* Loew, 1869] – O62; 150 m; 1; se; Hradský & Moucha 1967; Lehr 1988.

***Saropogon luctuosus* (Wiedemann, 1820)** – DM, P2; 30-200 m; 1; se; Nedelkov 1910, 1912.

***Leptogaster cylindrica* (De Geer, 1776)** [*L. nigricornis* Loew, 1847] – B1, B2, V1, V4, S2, O61, R1, RW; 200-2150 m; 1, 2, 3, 4; tp; Joakimoff 1899; Nedelkov 1909, 1910, 1912; Jelesova 1971, 1974a, 1975; Lehr 1988; Beschovski 2006a; Beron 2011.

***Leptogaster guttiventris* Zetterstedt, 1842** – V1; 600 m; 2; wes; Nedelkov 1910, 1912.

***Leptogaster pubicornis* Loew, 1847** – P1, V1, V4, S1, S211, TL; 200-1000 m; 1, 2; ewca; Nedelkov 1910, 1912; Jelesova 1971; Lehr 1988.

***Leptogaster stackelbergi* Lehr, 1961** – RW; 700 m; 2; eeca; Jelesova 1975; Beschovski 2006a.

***Promachus leoninus* Loew, 1848** – TL, BS; 0-250 m; 1; oem; Nedelkov 1909, 1910, 1912.

***Engelepogon goedli* (Loew, 1854)** [*Acanthopleura*] – ♠; em; Lehr 1988.

***Antipalus reginae* Moucha & Hradsky, 1966** – O62; 150 m; 1; Eb; Hradský & Moucha 1967; Lehr 1988.

***Antipalus sinuatus* (Loew, 1854)** – RE; 90-100 m; 1; cee; Jelesova 1975; Beschovski 2004; Beron 2011.

***Antipalus varipes* (Meigen, 1820)** – TL; 200-300 m; 1; e; Nedelkov 1910, 1912.

***Antiphrisson trifarius* (Loew, 1849)** – E2, V1, S21, RE; 20-650 m; 1; wp; Nedelkov 1910, 1912; Jelesova 1975; Beschovski 2004; Beron 2011.

***Asilus crabroniformis* Linnaeus, 1758** – O62, RW; 150-1100 m; 1, 2, 3; dp; Nedelkov 1909, 1912; Hradský & Moucha 1967; Lehr 1988; Beschovski 2006a.

***Cerdistus denticulatus* (Loew, 1849)** [*Cyclosocerus platicerus* (Villeneuve, 1913)] – TL RW; 250-300 m; 1; seean; Hradský & Moucha 1967; Lehr 1988; Beschovski 2006a.

***Dysmachus antipai* Weinberg, 1968** – B3, TL, RE; 160-650 m; 1, 2; see, Ebs; Jelesova 1974a, 1975; Beschovski 2004.

***Dysmachus bifurcus* (Loew, 1848)** [*Asilus*] – P2, B1, B3, V1, S1; 200-1200 m; 1, 2, 3; eani; Nedelkov 1910, 1912; Jelesova 1974a.

***Dysmachus bilobus* Loew, 1871** – S1, TL; 150-250 m; 1; eeca, ? eanca; Hradský & Moucha 1964, 1967; Lehr 1988.

***Dysmachus bimucronatus* (Loew, 1854)** – P1, B3, V1, V4, R1, RW; 200-2000 m; 1, 2, 3, 4; wes; Nedelkov 1912; Hradský & Moucha 1964, 1967; Jelesova 1971, 1974a, 1975; Lehr 1988; Beschovski 2006a.

***Dysmachus cephalenus* Loew, 1871** – S1, TL, RW, RE; 200-1450 m; 1, 2, 3; seean, ? ees; Hradský & Moucha 1964, 1967; Jelesova 1974a, 1975; Lehr 1988; Beschovski 2006a.

***Dysmachus cochleatus* (Loew, 1854)** – B1, K9, RE; 150-600 m; 1; ena, ? wp; Nedelkov 1912; Jelesova 1971, 1975; Lehr 1988; Beschovski 2004

***Dysmachus fuscipennis* (Meigen, 1820)** [*Asilus spiniger* Zeller, 1840] – P1, SB, B1, B2, B3, K9, V1, V3, V4, S1, S2, S211, TL, T31, O1, O62, R1, RR, RW, RE, BN, BS; 0-2370 m; 1, 2, 3, 4, 5; wesit; Löw 1862; Nedelkov 1909, 1910, 1912; Hradský & Moucha 1964, 1967; Jelesova 1971, 1974a, 1975; Lehr 1988; Beschovski 2004, 2006a.

***Dysmachus hiulcus* (Pandelle, 1905)** – ♠; se; Lehr 1988.

***Dysmachus praemorsus* (Loew, 1854)** [*Asilus*, *Lophonotus*] – B1, B2, B3, V1, V4, RE, BS; 0-1550 m; 1, 2, 3, 4; ean; Nedelkov 1910, 1912; Hradský & Moucha 1967; Jelesova 1971, 1974a, 1975; Lehr 1988; Beschovski 2004.

***Dysmachus stylifer* (Loew, 1854)** [*Asilus*, *Lophonotus*] – E2, P1, P2, B1, B2, B3, V1, V4, S1, S211, TL, R1, R2, R5, RW, RE, BN, BS; 0-2370 m; 1, 2, 3, 4, 5; eani; Nedelkov 1910, 1912; Drensky 1942, 1955; Hradský & Moucha 1964, 1967; Jelesova 1971, 1974a, 1975; Lehr 1988; Beschovski 2004, 2006a.

***Didysmachus picipes* (Meigen, 1820)** [*Asilus forcipula* Zeller, 1840; *Dysmachus*; *Lophonotus*] – DM, E2, P1, SB, B1, B2, B3, V4, S2, S21, S22, TL, O61, O62, R1, R2, R5, RW, RE; 100-2190 m; 1, 2, 3, 4, 5; h, ? wesca; Joakimoff 1899; Nedelkov 1909, 1910, 1912; Drensky 1955; Hradský & Moucha 1964, 1967; Jelesova 1971, 1974a, 1975; Lehr 1988; Beschovski 2004, 2006a; Beron 2011.

***Echthistus cognatus* (Loew, 1849)** – S1, O62, RW, RE, BS; 0-400 m; 1; nm; Hradský & Moucha 1964, 1967; Jelesova 1975; Lehr 1988; Beschovski 2004, 2006a; Beron 2011.

***Echthistus rufinervis* (Meigen, 1820)** [*Asilus*] – P1, B1, B2, V1, V3, TL, R3, RE; 200-1550 m; 1, 2, 3, 4; wp; Nedelkov 1909, 1910, 1912; Drenowsky 1939; Hradský & Moucha 1964, 1967; Jelesova 1971, 1974a, 1975; Lehr 1988; Beschovski 2004; Beron 2011.

***Machimus arthriticus* (Zeller, 1840)** [*Epitriptus*] – ♠; e; Lehr 1988.

***Tolmerus cingulatus* (Fabricius, 1781)** [*Asilus*, *Epitriptus*] – B2, B3, K9, V1, V3, V4, S21, TL, BS; 0-2370 m; 1, 2, 3, 4, 5; eswa; Nedelkov 1910, 1912; Hradský & Moucha 1964, 1967; Jelesova 1974a; Lehr 1988.

***Neoepitriptus setosulus* (Zeller, 1840)** [*Asilus*, *Epitriptus*] – B3, V1, V3, S1; 250-1100 m; 1, 2, 3; et, ? e; Nedelkov 1910, 1912; Hradský & Moucha 1967; Jelesova 1974a; Lehr 1988.

***Erax barbatus* Scopoli, 1763** [*Asilus*, *Lophonotus*] – E2, P1, V1, V4, TL; 200-850 m; 1, 2; e; Nedelkov 1910, 1912; Jelesova 1971; Lehr 1988.

***Erax crassicauda* (Loew, 1862)** [*Protophanes*] – BN; 0-30 m; 1; Ebg; Löw 1862; Hradský & Moucha 1964, 1967; Lehr 1988; Tomsovic 2002.

***Eutolmus bureschi* Hradsky & Moucha, 1964** – RW; 250-380 m; 1; Ebg; Hradský & Moucha 1964, 1967; Lehr 1988; Beschovski 2006a.

***Eutolmus lavcievi* Jelesova, 1974** – RR; Ebg; Jelesova 1974b; Lehr 1988.

***Eutolmus rufibarbis* (Meigen, 1820)** – B1, B2, B3, V1, V4, S2, TL, R1, RW, BN; 0-1550 m; 1, 2, 3, 4; tp; Nedelkov 1909, 1910, 1912; Hradský & Moucha 1964, 1967; Jelesova 1971, 1974a, 1975; Lehr 1988; Beschovski 2006a.

***Machimus annulipes* (Brullé, 1832)** – P1, P3, B3, S1, TL, RE, BS; 0-1190 m; 1, 2, 3; eswa; Hradský & Moucha 1964, 1967; Jelesova 1971, 1974a, 1975; Lehr 1988; Beschovski 2004.

***Machimus caliginosus* (Meigen, 1820)** – B1, B2, B3, S1, S211, TL, O62, R2, R5, RW, BS; 0-1300 m; 1, 2, 3; csean; Hradský & Moucha 1964, 1967; Jelesova 1971, 1974a; Lehr 1988; Beschovski 2006a.

***Machimus cyanopus* (Loew, 1849)** – P1, SB, B3, S2, TL, RW; 250-1100 m; 1, 2, 3; e; Nedelkov 1912; Hradský & Moucha 1964, 1967; Jelesova 1971; Lehr 1988; Beschovski 2006a.

***Machimus fimbriatus* (Meigen, 1804)** – S1, T2, RW, BS; 0-1550 m; 1, 2, 3, 4; eanna; Nedelkov 1910, 1912; Jelesova 1975; Beschovski 2006a; Beron 2011.

***Machimus gonatistes* (Zeller, 1840)** – P1, B1, TL, O62, RE, BN, BS; 0-520 m; 1; wp; Nedelkov 1910, 1912; Hradský & Moucha 1964, 1967; Jelesova 1971, 1975; Lehr 1988; Beschovski 2004.

***Machimus modestus* (Loew, 1849)** – ♠; seean; Lehr 1988.

***Machimus rusticus* (Meigen, 1820)** – DM, B1, B2, K9, V1, V4, S2, TL, RW, RE, BN; 0-2160 m; 1, 2, 3, 4; wp; Nedelkov 1909, 1910, 1912; Hradský & Moucha 1967; Jelesova 1971, 1975; Lehr 1988; Beschovski 2004, 2006a; Beron 2011.

***Machimus setibarbus* (Loew, 1849)** – P2; 420-460 m; 1; eanna; Jelesova 1974a; Lehr 1988.

***Neoitamus cothurnatus* (Meigen, 1820)** [*Asilus*, *Itamus*] – B1, V1, R1; 460-1300 m; 1, 2, 3; tp; Nedelkov 1910, 1912.

***Neoitamus cyanurus* (Loew, 1849)** [*Asilus*] – B1, B2, V1, R1, RW; 550-1510 m; 1, 2, 3, 4; po; Meunier 1897; Joakimoff 1899; Jelesova 1971, 1974a, 1975; Lehr 1988; Beschovski 2006a; Beron 2011.

***Neoitamus dasymallus* (Gerstaecker, 1862)** – P2, B2; 300-1190 m; 1, 2, 3; ee; Jelesova 1971, 1974a; Lehr 1988.

***Neoitamus impudicus* (Gerstaecker, 1862)** – O62, R2, RW; 150-1000 m; 1, 2; Eb; Hradský & Moucha 1964, 1967; Lehr 1988.

***Neoitamus socius* (Loew, 1871)** – B2, T31, RW; 300-1920 m; 1, 2, 3, 4; tes; Hradský & Moucha 1967; Jelesova 1974a, 1975; Lehr 1988; Beschovski 2006a; Beron 2011.

***Aneomochtherus flavicornis* (Ruthe, 1831)** [*Neomochtherus*, *Mochtherus*, *Heligmoneura*, *Asilus*] – DM, TL, BN; 0-250 m; 1; cse, ? e; Nedelkov 1910, 1912; Hradský & Moucha 1964, 1967; Lehr 1988.

***Aneomochtherus flavipes* (Meigen, 1820)** [*Mochtherus*, *Heligmoneura*, *Asilus*] – TL; 190-250 m; 1; wes, ? sess; Nedelkov 1910, 1912.

***Aneomochtherus granitis* (Tsacas, 1963)** [*Neomochtherus*] – RE; 100-130 m; 1; Eb; Jelesova 1975; Lehr 1988; Beschovski 2004; Beron 2011.

? *Premochtherus fuscifemoratus* (Macquart, 1838) [? *Premochtherus striatipes* (Loew, 1849); *Asilus*, *Mochtherus*, *Neomochtherus*, *Heligmoneura*] – DM, V1, BN, BS; 0-600 m; 1; se; Nedelkov 1909, 1910, 1912.

***Premochtherus striatipes* (Loew, 1849)** [*Neomochtherus*] – P1; 200-230 m; 1; se; Jelesova 1971; Lehr 1988.

***Neomochtherus geniculatus* (Meigen, 1820)** [*Asilus*, *Itamus*, *Neoitamus*, *Paritamus*] – SB, V1, V4, R1; 550-1300 m; 1, 2, 3; e; Nedelkov 1910, 1912; Hradský & Moucha 1967; Lehr 1988.

***Neomochtherus pallipes* (Meigen, 1820)** [*Asilus*, *Mochtherus*] – B3, V4, TL, RW; 200-1900 m; 1, 2, 3, 4; h; Nedelkov 1909; Hradský & Moucha 1964, 1967; Jelesova 1974a, 1975; Lehr 1988; Beschovski 2006a; Beron 2011.

***Neomochtherus schineri* (Egger, 1855)** [*Heligmoneura*] – DM, S2; 30-900 m; 1, 2; cse; Nedelkov 1912.

***Philonicus albiceps* (Meigen, 1820)** [*Asilus*] – E2, P1, P2, B1, V1, V3, S21, S211, TL, O62, R2, RW, RE, BN, BS; 0-1100 m; 1, 2, 3; tp; Meunier 1897; Nedelkov 1909, 1910, 1912; Drensky 1942, 1955; Beschovski 1964a, 1965, 2004; Hradský & Moucha 1964, 1967; Jelesova 1971, 1974a, 1975; Beschovski 2006a; Beron 2011.

***Stilpnogaster aemula* (Meigen, 1820)** – R1, RW; 1300-1900 m; 3, 4; e; Nedelkov 1912; Jelesova 1975; Beschovski 2006a; Beron 2011.

***Tolmerus atricapillus* (Fallén, 1814)** – B1, V1, R1, RW; 550-1450 m; 2, 3; hoes; Meunier 1897; Nedelkov 1912; Hradský & Moucha 1967; Jelesova 1971; Lehr 1988; Beschovski 2006a.

***Tolmerus atripes* Loew, 1854** – B1, B2, B3, V1, RE; 250-1300 m; 1, 2, 3; ean; Nedelkov 1912; Jelesova 1971, 1974a, 1975; Lehr 1988; Beschovski 2004.

***Tolmerus bolgaricus* Lehr, 1981** – R1; 990-1000 m; 2; Ebg; Lehr 1981, 1988.

***Tolmerus poecilogaster* (Loew, 1849)** [*Asilus*] – B3, S1, S2, TL, BN; 0-1000 m; 1, 2; e; Nedelkov 1909; Hradský & Moucha 1967; Lehr 1988.

***Tolmerus pyragra* (Zeller, 1840)** – BN; 0-20 m; 1; e; Hradský & Moucha 1964, 1967; Lehr 1988.

***Tolmerus strymonicus* (Tsacas, 1960)** – R3, RW, RE; 140-1550 m; 1, 2, 3, 4; Eb; Hradský & Moucha 1964, 1967; Jelesova 1975; Lehr 1988; Beschovski 2004, 2006a; Beron 2011.

Empididae

***Hilara aeronetha* Mik, 1892** – RW; 400-1420 m; 1, 2, 3; e; Beschovski & Dzhambazov 1998; Dzhambazov 2000.

***Hilara albitarsis* von Roser, 1840** – RW; 1590-1600 m; 3, 4; e; Kanavalova et al. 2018.

***Hilara albiventris* von Roser, 1840** – S1; 480 m; 1; e; Kanavalova et al. 2018.

***Hilara anglodanica* Lundbeck, 1913** – B2, S1; 400-720 m; 1, 2; e; Kanavalova et al. 2018.

***Hilara angustifrons* Strobl, 1892** – RW; 1380-1412 m; 3; e; Dzhambazov 2000; Dzhambazov & Beschovski 2000.

***Hilara beckeri* Strobl, 1892** – RW; 1320-1825 m; 3, 4; e; Dzhambazov 2000; Dzhambazov & Beschovski 2000.

***Hilara biseta* Collin, 1927** – R3, RW; 770-1400 m; 2, 3; e; Beschovski & Dzhambazov 1998; Dzhambazov 2000; Dzhambazov & Teneva 2000.

***Hilara brevipilosa* Collin, 1966** [*H. psammophytophilia* Beschovski, 1973] – BN, BS; 0-10 m; 1; se; Beschovski, 1973b, 1976a; Chvála 2013.

***Hilara brevistyla* Collin, 1927** – E2, RW; 90-1050 m; 1, 2; e; Beschovski & Dzhambazov 1998; Dzhambazov 2000.

***Hilara brevivittata* Macquart, 1827** – P2; 600 m; 1; e; Beschovski & Dzhambazov 1998.

Hilara bulgarica Barták, 2018 – R2, RW; 1170-2000 m; 3, 4, 5; Ebg; Kanavalova et al. 2018.

***Hilara canescens* Zetterstedt, 1849** – RW; 1593-1712 m; 3, 4; e; Dzhambazov 2000.

***Hilara chorica* (Fallén, 1816)** – B2, V4, RW; 800-1400 m; 2, 3; e; Nedelkov 1912; Drensky 1934c; Dzhambazov 1999, 2000; Dzhambazov & Teneva 2000.

***Hilara cilipes* Meigen, 1822** – RW; 1200-1400 m; 3; e; Dzhambazov 2000; Dzhambazov & Beschovski 2000.

***Hilara clypeata* Meigen, 1822** – RW; 1000-1400 m; 3; e, ? ena; Beschovski & Dzhambazov 1998; Dzhambazov 2000.
***Hilara coracina* Oldenberg, 1916** – B2; 1160 m; 3; e; Kanavalova et al. 2018.
***Hilara cornicula* Loew, 1873** – RW; 1517 m; 3, 4; e; Dzhambazov 2000.
***Hilara discalis* Chvála, 1997** – B2, S1, R2, RW; 480-1600 m; 1, 2, 3; e; Dzhambazov 1999, 2000; Kanavalova et al. 2018.
***Hilara discoidalis* Lundbeck, 1910** – R2, RW; 400-2500 m; 1, 2, 3, 4, 5, 6; e; Beschovski & Dzhambazov 1998; Dzhambazov 2000.
***Hilara discolor* Strobl, 1892** – RW; 1400-1517 m; 3, 4; e; Dzhambazov 1999, 2000.
***Hilara diversipes* Strobl, 1892** – RW, BS; 0-1600 m; 1, 2, 3, 4; e; Dzhambazov 1995a, 2000.
***Hilara femorella* Zetterstedt, 1842** – R2; 2000 m; 4; e; Kanavalova et al. 2018.
***Hilara flavipes* Meigen, 1822** [*H. cingulata* Dahlbon, 1850] – TL, RW; 150-1000 m; 1, 2; e; Dzhambazov 2000; Dzhambazov & Beschovski 2000.
***Hilara fulvibarba* Strobl, 1899** – RW; 1320 m; 3; e; Dzhambazov 2000.
***Hilara fuscipes* (Fabricius, 1794)** [*H. quadrivittata* Meigen, 1822] – B2, V4, RW; 720-1300 m; 2, 3; e; Nedelkov 1912; Drensky 1934c; Dzhambazov 2000; Kanavalova et al. 2018.
***Hilara galactoptera* Strobl, 1910** – RW; 1100-1590 m; 3, 4; e; Dzhambazov 1999, 2000; Kanavalova et al. 2018.
***Hilara gallica* (Meigen, 1804)** – RW; 580 m; 1; e; Dzhambazov 1999, 2000.
***Hilara hirta* Strobl, 1892** – RW; 1400-1720 m; 3, 4; e; Dzhambazov 2000; Dzhambazov & Beschovski 2000.
***Hilara intermedia* (Fallén, 1816)** – RW; 400 m; 1; e; Dzhambazov 2000.
***Hilara interstincta* (Fallén, 1816)** – K2, RW; 700-1600 m; 2, 3, 4; h; Beschovski & Dzhambazov 1998; Dzhambazov 2000.
***Hilara litorea* (Fallén, 1816)** – B2, V4, RW; 500-1620 m; 1, 2, 3, 4; e; Nedelkov 1912; Drensky 1934c; Beschovski et al. 1995; Dzhambazov 1999, 2000.
***Hilara longivittata* Zetterstedt, 1842** – B2; 1240-1350 m; 3; e, ? tes; Kanavalova et al. 2018.
***Hilara lugubris* (Zetterstedt, 1819)** – TL, RW; 150-400 m; 1; e; Beschovski & Dzhambazov 1998; Dzhambazov 2000.
***Hilara lurida* (Fallén, 1816)** – B2, RW; 720-1620 m; 2, 3, 4; e; Nedelkov 1912; Drensky 1934c; Dzhambazov 2000; Kanavalova et al. 2018.
***Hilara macquarti* Straka, 1984** – RW; 360 m; 1; e; Dzhambazov 1999.
***Hilara lasiopa* Strobl, 1892** – R2; 1300-1600 m; 3, 4; e; Kanavalova et al. 2018.
***Hilara maura* (Fabricius, 1776)** – P2; 600 m; 1, 2; e; Beschovski & Dzhambazov 1998.
***Hilara medeteriformis* Collin, 1961** – RW, RE; 400-1000 m; 1, 2; e; Beschovski & Dzhambazov 1998; Dzhambazov 2000; Beschovski 2004.
***Hilara media* Collin, 1927** [*H. bechevi* Dzhambazov, 1998] – RW; 400 m; 1; e; Dzhambazov 1998, 1999, 2000.
***Hilara monedula* Collin, 1927** – RW; 400-700 m; 1; e; Beschovski & Dzhambazov 1998; Dzhambazov 2000.
***Hilara nigrina* (Fallén, 1816)** – BN; 0-10 m; 1; e; Beschovski & Dzhambazov 1998.
***Hilara nigrita* Chvála, 2005** – B3; 800 m; 2; csee; Chvála 2005.
***Hilara nigrocincta* de Meijere, 1935** – S1; 480 m; 1; e; Kanavalova et al. 2018.
***Hilara nitidorella* Chvála, 1997** – B2, R2; 1300-1600 m; 3, 4; e; Kanavalova et al. 2018.
***Hilara platyura* Loew, 1873** – BN; 0-20 m; 1; e; Beschovski 1971a; Chvála & Wagner 1989.
***Hilara pruinosa* Wiedemann in Meigen, 1822** – B2, V4; 800-1300 m; 2, 3; e, ? cse; Nedelkov 1912; Drensky 1934c.
***Hilara quadriseta* Collin, 1927** – R2, RW; 400-1600 m; 1, 2, 3, 4; e; Dzhambazov 2000; Kanavalova et al. 2018.
***Hilara regneali* Parvu, 1991** – RW; 500-1100 m; 1, 2, 3; see; Dzhambazov 1999, 2000.
***Hilara scrobiculata* Loew, 1873** – RW; 400-1620 m; 1, 2, 3, 4; e; Beschovski & Dzhambazov 1998; Dzhambazov 2000.
***Hilara setipes* Straka, 1976** – R2; 1200-1300 m; 3; Ebg; Straka 1976; Chvála & Wagner 1989.
***Hilara splendida* Straka, 1976** – B2, RW; 720-1600 m; 2, 3, 4; e; Kanavalova et al. 2018.
***Hilara sturmii* Wiedemann in Meigen, 1822** – B2; 720 m; 2; e; Kanavalova et al. 2018.
***Hilara subpollinosa* Collin, 1927** – V4; 1000-1200 m; 2; e; Beschovski et al. 1995.
***Hilara thoracica* Macquart, 1827** – RW; 800-1200 m; 2, 3; e; Dzhambazov 2000.
***Hilara triseta* Chvála, 2005** – B3; 700 m; 2; csee; Chvála, 2005.
***Empis* (*Euempis*) *calcarata* Bezzi, 1899** – B2, RW; 770-1600 m; 2, 3, 4; nm; Kanavalova et al. 2018.
***Empis* (*Euempis*) *ciliata* Fabricius, 1787** – V1, TL, R1; 200-1400 m; 1, 2, 3; des; Joakimoff 1899; Nedelkov 1912.

***Empis* (*Euempis*) *sericans* Brullé, 1832** [*E. nepticula* Loew, 1869] – RW, BS; 0-330 m; 1; e; Beschovski 1971a; Chvála & Wagner 1989; Dzhambazov 2000.

***Empis* (*Euempis*) *tessellata* Fabricius, 1794** – B2, V4, O61, R1, RW; 400-2200 m; 1, 2, 3, 4, 5; tp, ? hop; Joakimoff 1899; Nedelkov 1912; Drensky 1934c; Dzhambazov 1999, 2000.

***Empis* (*Pachymeria*) *femorata* Fabricius, 1798** – V1, RW, BS; 0-1593 m; 1, 2, 3, 4; e; Meunier 1897; Beschovski & Dzhambazov 1998; Dzhambazov 2000.

***Empis* (*Pachymeria*) *vikhrevi* Shamshev & Barták, 2019** – R2; 1300-1600 m; 3, 4; ban; Shamshev & Barták 2019.

***Empis* (*Polyblepharis*) *crassa* Nowicki, 1868** – ♠; cee; Chvála & Wagner 1989.

***Empis* (*Polyblepharis*) *dedecor* Loew, 1869** – RW; 700-800 m; 2; nm, ? hom; Dzhambazov 2000.

***Empis* (*Polyblepharis*) *fallax* Egger, 1860** – B2, V1, V4; 800-1300 m; 2, 3; tes; Nedelkov 1912; Drensky 1934c.

***Empis* (*Polyblepharis*) *gravipes* Loew, 1856** – B2, RW; 700-1620 m; 2, 3, 4; ess; Nedelkov 1912; Drensky 1934c; Dzhambazov 2000.

***Empis* (*Polyblepharis*) *haemi* Loew, 1862** – BN; 0-20 m; 1; see; Löw 1862; Chvála & Wagner 1989.

***Empis* (*Polyblepharis*) *nigerrima* Loew, 1862** – BN; 0-20 m; 1; Eb; Löw 1862; Chvála & Wagner 1989.

***Empis* (*Polyblepharis*) *opaca* Meigen, 1804** – B2, R1; 1300 m; 3; e; Nedelkov 1912; Drensky 1934c.

***Empis* (*Kritempis*) *livida* Linnaeus, 1758** – V1, V4; 550-900 m; 2; e; Nedelkov 1912.

***Empis* (*Planempis*) *frauscheri* Strobl, 1901** – RW; 1170 m; 3; csee; Kanavalova et al. 2018.

***Empis* (*Leptempis*) *adusta* Loew, 1869** – ♠; se; Chvála & Wagner 1989.

***Empis* (*Leptempis*) *confusa* Loew, 1865** [*E. maculata* Fabricius, 1781] – RW, BN; 0-1050 m; 1, 2, 3; cse; Löw 1862; Dzhambazov 2000.

***Empis* (*Leptempis*) *discolor* Loew, 1856** – B2, R1, R2, RW; 1200-1600 m; 3, 4; e; Nedelkov 1912; Drensky 1934c; Dzhambazov 2000; Kanavalova et al. 2018.

***Empis* (*Leptempis*) *divisa* Loew, 1869** – RW; 332 m; 1; see; Chvála & Wagner 1989; Dzhambazov 2000.

***Empis* (*Leptempis*) *grisea* Fallén, 1816** – V4, RW, RE; 250-1400 m; 1, 2, 3; e; Beschovski et al. 1995; Dzhambazov 1995a, 2000; Dzhambazov & Teneva 2000.

***Empis* (*Leptempis*) *maculata* Fabricius, 1781** – SB, V4, RW, BN; 0-1200 m; 1, 2, 3; cse; Löw 1862; Frey 1956; Beschovski et al. 1995; Dzhambazov 2000.

***Empis* (*Leptempis*) *meridionalis* Meigen, 1822** – B2, V1, RW; 600-130 m; 2, 3; see; Nedelkov 1912; Drensky 1934c.

***Empis* (*Leptempis*) *nigricans* Meigen, 1804** – RW; 1420 m; 3; e; Dzhambazov 2000.

***Empis* (*Leptempis*) *rava* Loew, 1862** – BN; 0-20 m; 1; Ebg; Löw 1862; Chvála & Wagner 1989.

***Empis* (*Leptempis*) *rhodopensis* Barták, 2018** – RW; 1600-1900 m; 4; Ebg; Kanavalova et al. 2018.

***Empis* (*Leptempis*) *rustica* Fallén, 1816** – V1, S21, TL, RW; 150-1420 m; 1, 2, 3; e; Nedelkov 1909, 1912; Chvála 1977; Dzhambazov 2000; Dzhambazov & Teneva 2000.

***Empis* (*Leptempis*) *spitzeri* Chvála, 1977** – RW; 1000-1620 m; 3, 4; Ebg, ? Er; Chvála 1977; Chvála & Wagner 1989; Dzhambazov 2000.

***Empis* (*Leptempis*) *variegata* Meigen, 1804** – RW, RE; 200-1700 m; 1, 2, 3, 4; e; Beschovski & Dzhambazov 1998; Dzhambazov 2000; Beschovski 2004.

***Empis* (*Anacrostichus*) *bistortae* Meigen, 1822** – V4, TL; 200-1200 m; 1, 2, 3; cse, ? e; Nedelkov 1912.

***Empis* (*Empis*) *aestiva* Loew, 1867** – V4, RW; 400-1300 m; 1, 2, 3; e; Beschovski et al. 1995; Dzhambazov 1995a, 2000.

***Empis* (*Empis*) *caudatula* Loew, 1867** – V4, RW; 580-1720 m; 2, 3, 4; e; Beschovski et al. 1995; Dzhambazov 2000.

***Empis* (*Empis*) *chioptera* Meigen, 1804** – V4, RW; 1070-1335; 3; e; Beschovski et al. 1995; Dzhambazov 2000; Dzhambazov & Teneva 2000.

***Empis* (*Empis*) *decora* Meigen, 1822** – V4, RW; 1380-2078 m; 3, 4; csena; Nedelkov 1912; Beschovski et al. 1995; Dzhambazov 1999, 2000.

***Empis* (*Empis*) *decorella* Chvala, 1981** – RW; 1320-1400 m; 3; se; Dzhambazov 2000; Dzhambazov & Beschovski 2000.

***Empis* (*Empis*) *florisomna* Loew, 1856** – RW; 332 m; 1; e; Chvála & Wagner 1989; Dzhambazov 2000.

***Empis* (*Empis*) *gymnopoda* Bezzi, 1908** – S1; 550-690 m; 1, 2; ? e; Bezzi 1908; Chvála & Wagner 1989.

***Empis* (*Empis*) *lyneborgi* Chvala, 1981** – RW; 1000-1300 m; 3; se; Dzhambazov & Beschovski 2000.

***Empis* (*Empis*) *nigripes* Fabricius, 1794** – V1, V4, RW; 580-1700 m; 1, 2, 3, 4; wes; Nedelkov 1912; Beschovski et al. 1995; Dzhambazov 1999, 2000; Dzhambazov & Teneva 2000.

***Empis* (*Empis*) *nitidiventris* Loew, 1873** – RW; 1600 m; 4; e; Dzhambazov 2000.

***Empis* (*Empis*) *nuntia* Meigen, 1838** – RW, BS; 0-1600 m; 1, 2, 3, 4; e; Beschovski & Dzhambazov 1998; Dzhambazov 2000; Dzhambazov & Teneva 2000.

***Empis* (*Empis*) *pennipes* Linnaeus, 1758** – V4, RW; 920-2078 m; 2, 3, 4; e; Beschovski et al. 1995; Dzhambazov 2000.

***Empis* (*Empis*) *pilosa* Loew, 1867** – V4, RW; 970-1100 m; 2, 3; e; Dzhambazov 1995; Dzhambazov & Teneva 2000.

***Empis* (*Empis*) *planetica* Collin, 1927** – RW; 1600 m; 4; e; Dzhambazov 2000; Dzhambazov & Beschovski 2000.

***Empis* (*Empis*) *praecox* Loew, 1867** [*Hilara*] – B; 0-5 m; 1; Eb; Beschovski 1973c.

***Empis* (*Empis*) *praevia* Collin, 1927** – V5; RW; 580-1400 m; 1, 2, 3; ? e; Beschovski & Dzhambazov 1998; Dzhambazov 2000.

***Empis* (*Empis*) *procera* Loew, 1873** – RW; 1320 m; 3; cse; Dzhambazov 2000.

***Empis* (*Empis*) *prodromus* Loew, 1867** – R2, RW; 1100-1720 m; 3, 4; e; Beschovski & Dzhambazov 1998; Dzhambazov 2000.

***Empis* (*Empis*) *rufiventris* Meigen, 1838** – V4, RW; 900-2078 m; 2, 3, 4; e; Nedelkov 1912; Beschovski et al. 1995; Dzhambazov 1999, 2000; Dzhambazov & Teneva 2000.

***Empis* (*Empis*) *simulium* (Nowicki, 1868)** – RW; 1200 m, 3; e, m; Dzhambazov 2000.

***Empis* (*Empis*) *tristis* Loew, 1867** – ♠; csee; Chvála & Wagner 1989.

***Empis* (*Empis*) *woodi* Collin, 1927** – V4, RW; 850-1420 m; 2, 3; cse, ? e; Beschovski et al. 1995; Dzhambazov 2000; Dzhambazov & Teneva 2000.

***Empis* (*Coptophlebia*) *albinervis* Meigen, 1822** – RW; 1300-1400 m; 3; e; Dzhambazov 1995a, 2000.

***Empis* (*Coptophlebia*) *hyalipennis* Fallen, 1816** – RW; 400-1420 m; 1, 2, 3; e; Dzhambazov 1995a, 2000.

***Empis* (*Coptophlebia*) *impennis* Strobl, 1902** – V4, RW; 580-1825 m; 1, 2, 3, 4; e; Beschovski et al. 1995; Beschovski & Dzhambazov 1998; Dzhambazov 2000.

***Empis* (*Coptophlebia*) *vitripennis* Meigen, 1822** – B2; 650 m; 1, 2; e; Dzhambazov & Beschovski 2000.

***Empis* (*Coptophlebia*) *volucris* Wiedemann in Meigen, 1822** – V4, RW; 850-1200 m; 2, 3; e; Beschovski et al. 1995; Beschovski & Dzhambazov 1998; Dzhambazov 2000.

***Empis* (*Rhadinempis*) *bazini* Collin, 1926** – RW; 580-1000 m; 2; csee; Dzhambazov 1999, 2000.

***Empis* (*Xanthempis*) *digramma* Meigen in Gistl, 1835** – V1, V4, RW; 550-1000 m; 1, 2; e; Nedelkov 1912; Dzhambazov 2000.

***Empis* (*Xanthempis*) *laetabilis* Collin, 1926** – BS; 0-15 m; 1; e; Dzhambazov & Beschovski 2000.

***Empis* (*Xanthempis*) *lutea* Meigen, 1804** – B2; RW; 600-1600 m; 2, 3, 4; e; Dzhambazov 2000; Dzhambazov & Beschovski 2000.

***Empis* (*Xanthempis*) *punctata* Meigen, 1804** – B2, V1, S211; 550-1300 m; 2, 3; e; Nedelkov 1912; Drensky 1934c.

***Empis* (*Xanthempis*) *scutellata* Curtis, 1835** – RW, BS; 0-1000 m; 1, 2; e; Dzhambazov 1995a, 2000.

***Empis* (*Xanthempis*) *semicinerea* Loew, 1867** – B2, R1, 1240-2220 m; 3, 4, 5; cse; Kanavalova et al. 2018.

***Empis* (*Xanthempis*) *stercorea* Linnaeus, 1761** – B2, V1, S211, RW; 550-1600 m; 2, 3, 4; tes; Nedelkov 1912; Drensky 1934c; Kanavalova et al. 2018.

***Empis* (*Xanthempis*) *trigramma* Wiedemann in Meigen, 1822** – V1, V4; 650-800 m; 2; e; Nedelkov 1912.

***Empis* (*Lissempis*) *nigritarsis* Meigen, 1804** – V4, RW; 700-1870 m; 2, 3, 4; e; Dzhambazov 1995a, 1999, 2000; Dzhambazov & Teneva 2000.

***Rhamphomyia* (*Aclonempis*) *longipes* (Meigen, 1804)** – RW; 1320 m; 3; e; Dzhambazov 2000; Dzhambazov & Beschovski 2000.

***Rhamphomyia* (*Aclonempis*) *umbripes* Becker, 1887** – B2; 1350 m; 3; cse; Kanavalova et al. 2018.

***Rhamphomyia* (*Rhamphomyia*) *argentata* von Roder, 1887** – RW; 130-1600 m; 3, 4; csee; Dzhambazov 1995a, 2000.

***Rhamphomyia* (*Rhamphomyia*) *cinerascens* (Meigen, 1804)** – V1; 550-600 m; 1, 2; wes; Nedelkov 1912.

***Rhamphomyia* (*Rhamphomyia*) *crinita* Becker, 1887** – R2; 2000 m; 4, 5; cse, m; Kanavalova et al. 2018.

***Rhamphomyia* (*Rhamphomyia*) *dorsata* Becker, 1915** – RW; 400 m; 1; des; Dzhambazov 2000; Dzhambazov & Beschovski 2000.

***Rhamphomyia* (*Rhamphomyia*) *laevipes* (Fallén, 1816)** – RW, RE; 350-1380 m; 1, 2, 3; e; Dzhambazov 2000; Dzhambazov & Beschovski 2000; Beschovski 2004.

***Rhamphomyia* (*Rhamphomyia*) *lautereri* Bartak, 1981** – ♠; csee; Barták 1981; Chvála & Wagner 1989.

***Rhamphomyia* (*Rhamphomyia*) *luridipennis* Nowicki, 1868** – ♠; e; Barták 1981; Chvála & Wagner 1989.

***Rhamphomyia* (*Rhamphomyia*) *montana* Oldenberg, 1915** – ♠; e; Barták 1981; Chvála & Wagner 1989.

***Rhamphomyia* (*Rhamphomyia*) *morio* Zetterstedt, 1838** – R2; 2000-2230 m; 4, 5; e; Dzhambazov & Beschovski 2000.

***Rhamphomyia* (*Rhamphomyia*) *paraleucoptera* Frey, 1950** – RW; 1400-1450 m; 3; ees, ? wes; Dzhambazov 1995a, 2000.

***Rhamphomyia* (*Rhamphomyia*) *siebecki* Strobl, 1898** – V4, RW; 1100-1870 m; 3, 4; e; Dzhambazov 1995a, 2000; Dzhambazov & Teneva 2000.

***Rhamphomyia* (*Rhamphomyia*) *spinipes* (Fallen, 1816)** – ♠; e; Barták 1981; Chvála & Wagner 1989.

***Rhamphomyia* (*Rhamphomyia*) *stigmosa* Macquart, 1827** – B2, RW; 1320-1825 m; 3, 4; e; Barták 1981; Chvála & Wagner 1989; Dzhambazov 2000.

***Rhamphomyia* (*Rhamphomyia*) *sulcata* (Meigen, 1804)** – B2, V1, R1, RW; 515-1800 m; 1, 2, 3, 4; tes; Nedelkov 1912; Drensky 1934c; Beschovski et al. 1995; Dzhambazov 2000.

***Rhamphomyia* (*Rhamphomyia*) *tibialis* Meigen, 1822** – R1; 1200-1300 m; 3; des, ? tes; Joakimoff 899.

***Rhamphomyia* (*Megacyttarus*) *maculipennis* Zetterstedt, 1842** – RW; 400 m; 1; e; Dzhambazov 2000; Dzhambazov & Beschovski 2000.

***Rhamphomyia* (*Pararhamphomyia*) *aethiops* Zetterstedt, 1838** – RW; 1050 m; 3; e; Dzhambazov 2000.

***Rhamphomyia* (*Pararhamphomyia*) *atra* Meigen, 1822** – V1, RW; 550-1412 m; 1, 2, 3; e; Nedelkov 1912; Dzhambazov 2000.

***Rhamphomyia* (*Pararhamphomyia*) *curvula* Frey, 1913** – RW; 580 m; 1; e; Dzhambazov 1999, 2000.

***Rhamphomyia* (*Pararhamphomyia*) *lamelliseta* Ringdahl, 1928** – RW; 1380-1825 m; 3, 4; ? e; Dzhambazov 2000; Dzhambazov & Beschovski 2000.

***Rhamphomyia* (*Pararhamphomyia*) *nudipes* Oldenberg, 1927** – B2, RW; 1240-1590 m; 3, 4; cse, ? se; Kanavalova et al. 2018.

***Rhamphomyia* (*Pararhamphomyia*) *simplex* Zetterstedt, 1849** – V4, R2; 1800-1820 m; 4; e; Beschovski et al. 1995; Dzhambazov & Beschovski 2000.

***Rhamphomyia* (*Holoclera*) *caliginosa* Collin, 1926** – RW; 1517 m; 4; e; Dzhambazov 1999, 2000.

***Rhamphomyia* (*Holoclera*) *culicina* (Fallén, 1816)** – R1, RW; 1420 m; 3, 4; e; Barták 1981; Chvála & Wagner 1989; Dzhambazov 1999, 2000.

***Rhamphomyia* (*Holoclera*) *flava* (Fallén, 1816)** – ♠; e; Barták 1981; Chvála & Wagner 1989.

***Rhamphomyia* (*Holoclera*) *heterochroma* Bezzi, 1898** – ♠; e; Barták 1981; Chvála & Wagner 1989.

***Rhamphomyia* (*Holoclera*) *lamellata* Collin, 1926** – RW; 322 m; 1; e; Dzhambazov 2000.

***Rhamphomyia* (*Holoclera*) *nigripennis* (Fabricius, 1794)** – RW; 700-1620 m; 2, 3, 4; wes; Dzhambazov 2000; Dzhambazov & Beschovski 2000.

***Rhamphomyia* (*Holoclera*) *trigemina* Oldenberg, 1927** – R2, RW; 1100-1712 m; 3, 4; e; Dzhambazov 2000; Dzhambazov & Beschovski 2000; Dzhambazov & Teneva 2000.

***Rhamphomyia* (*Holoclera*) *umbripennis* Meigen, 1822** – R2, RW; 1420-2200 m; 3, 4, 5; e; Dzhambazov 1999, 2000; Kanavalova et al. 2018.

***Rhamphomyia* (*Amydroneura*) *claripennis* Oldenberg, 1922** – RW; 770-1590 m; 2, 3, 4; cse; Kanavalova et al. 2018.

***Rhamphomyia* (*Amydroneura*) *stojanovae* Barták, 2018** – RW; 1260 m; 3; Ebg, ? Er; Kanavalova et al. 2018.

***Rhamphomyia* (*Lundstroemiella*) *dudai* Oldenberg, 1927** – RW; 1260 m; 3; e; Kanavalova et al. 2018.

***Rhamphomyia* (*Lundstroemiella*) *hybotina* Zetterstedt, 1838** – RW; 700-1100 m; 2, 3; e; Dzhambazov 2000; Dzhambazov & Beschovski 2000.

***Rhamphomyia* (*Lundstroemiella*) *kerteszi* Oldenberg, 1927** – ♠; csee; Barták 1985; Chvála & Wagner 1989.

***Rhamphomyia* (*Lundstroemiella*) *magellensis* Frey, 1922** – R2; 1300-2600 m; 3, 4; cse, m; Kanavalova et al. 2018.

***Rhamphomyia* (*Lundstroemiella*) *sphenoptera* Loew, 1873** – R2; 2000 m; 4, 5; ? cse; Kanavalova et al. 2018.

***Rhamphomyia* (*Lundstroemiella*) *strobli* Barták, 1985** – ♠; csee; Chvála & Wagner 1989.

***Heleodromia* (*Heleodromia*) *immaculata* Haliday, 1833** – RW; 1400-1760 m; 3, 4; e; Dzhambazov 2000; Dzhambazov & Beschovski 2000.

***Heleodromia* (*Heleodromia*) *schachti* Wagner, 1985** – RW; 1420 m; 3; se; Dzhambazov 1999, 2000.

***Chelifera precabunda* Collin, 1961** – R1, RW; 1000 m; 2, 3; e; Joost 1982; Chvála & Wagner 1989; Dzhambazov 2000.

***Chelifera precatoria* (Fallen, 1816)** – RW; 1420 m; 3; h; Dzhambazov 2000.

***Chelifera stigmatica* (Schiner, 1862)** – ♠; e; Joost 1982; Chvála & Wagner 1989.

***Chelifera trapezina* (Zetterstedt, 1838)** – RW; 1100 m; 3; e; Dzhambazov 2000.
***Dolichocephala guttata* (Haliday, 1833)** – ♠; e; Joost 1982; Chvála & Wagner 1989.
***Wiedemannia* (*Wiedemannia*) *andreevi* Joost, 1982** – B2; 1200 m; 3; Ebg; Joost 1982; Chvála & Wagner 1989.
***Wiedemannia* (*Chamaedipsia*) *lota* Walker, 1851** – R1, RW; 1100 m; 3; eswa, ? ean; Joost 1982; Chvála & Wagner 1989; Dzhambazov 2000.
***Wiedemannia* (*Philolutra*) *fallaciosa* (Loew, 1873)** – ♠; ena; Joost 1982; Chvála & Wagner 1989.
***Wiedemannia* (*Philolutra*) *hygrobia* (Loew, 1858)** – ♠; e; Joost 1982; Chvála & Wagner 1989.
***Wiedemannia* (*Chamaedipsia*) *wachtli* (Mik, 1880)** – ♠; cse; Joost 1982; Chvála & Wagner 1989.
***Wiedemannia* (*Eucelidia*) *zetterstedti* (Fallén, 1826)** [*W. escheri* (Zetterstedt, 1838)] – ♠; e; Joost 1982; Chvála & Wagner 1989.
***Wiedemannia* (*Roederella*) *czernyi* (Bezzi, 1905)** – RW; 400 m; 1; se; Dzhambazov 2000.
***Clinocera appendiculata* (Zetterstedt, 1838)** – ♠; e; Joost 1982; Chvála & Wagner 1989.
***Clinocera nigra* Meigen, 1804** – ♠; ena; Joost 1982; Chvála & Wagner 1989.
***Clinocera stagnalis* (Haliday, 1833)** – ♠; h; Chvála & Wagner 1989.
***Phaeobalia dimidiata* (Loew, 1869)** [*Clinocera*] – SB, R2, RW; 1000-1400 m; 3; e; Joost 1982; Chvála & Wagner 1989; Dzhambazov 2000.
***Kowarzia barbatula* (Mik, 1880)** [*Clinocera*] – ♠; cse; Joost 1982; Chvála & Wagner 1989.
***Kowarzia bipunctata* (Haliday, 1833)** [*Clinocera*] – P1; 150-190 m; 1; ena; Dzhambazov 2000.
***Kowarzia plectrum* (Mik, 1880)** [*Clinocera*] – ♠; e; Joost 1982; Chvála & Wagner 1989.
***Kowarzia tenella* (Wahlberg, 1844)** [*Clinocera*] – ♠; e; Joost 1982; Chvála & Wagner 1989.

Hybotidae

***Trichina bilobata* Collin, 1926** – RW; 720-1160 m; 2, 3, 4; e; Dzhambazov 2000.
***Trichina clavipes* Meigen, 1830** – RW; 300-770 m; 1, 2; ? h; Dzhambazov 2000.
***Trichina elongata* Haliday, 1833** – RW; 1100-1450 m; 3; e; Dzhambazov 2000.
***Bicellaria austriaca* Tuomikoski, 1955** – R2, RW; 1400-1800 m; 3, 4; e; Chvála 1983; Chvála & Kovalev 1989; Dzhambazov 1995b, 1999, 2000.
***Bicellaria intermedia* Lundbeck, 1910** – R2, RW; 770-1500 m; 2, 3, 4; e; Chvála 1983; Chvála & Kovalev 1989; Dzhambazov 1995b, 2000.
***Bicellaria longisetosa* Chvala, 1991** – R1; 2000-2380 m; 4, 5; des, m; Chvála 1991; Dzhambazov 1995b; Barták & Kubík 2013.
***Bicellaria nigra* (Meigen, 1824)** – R1, RW; 900-1500 m; 2, 3, 4; e; Dzhambazov 1995b, 2000.
***Bicellaria nigrita* Collin, 1926** – ♠; e; Chvála 1983; Chvála & Kovalev 1989; Dzhambazov 1995b; Barták & Kubík 2013.
***Bicellaria pilosa* Lundbeck, 1910** – RW; 520-1550 m; 1, 2, 3, 4; e; Dzhambazov 1995a, 2000.
***Bicellaria spuria* (Fallén, 1816)** – V4, T31, RW; 200-1450 m; 1, 2, 3, ? 4; ? h; Chvála 1983; Chvála & Kovalev 1989; Beschovski et al. 1995; Dzhambazov 1995b, 1999, 2000.
***Bicellaria subpilosa* Collin, 1926** – RW; 750-1420 m; 2, 4; e; Chvála & Kovalev 1989; Beschovski et al. 1995; Dzhambazov 1995a, 1999, 2000; Barták & Kubík 2013.
***Bicellaria sulcata* (Zetterstedt, 1842)** – V4, R2, RW; 1100-1820 m; 3, 4; des; Chvála 1983; Chvála & Kovalev 1989; Beschovski et al. 1995; Dzhambazov 1995b, 1999, 2000.
***Bicellaria vana* Collin, 1926** – RW; 1100-1820 m; 3, 4; e; Dzhambazov 2000.
***Oedalea holmgreni* Zetterstedt, 1852** – RW; 1100-1250 m; 3; e; Dzhambazov 2000.
***Euthyneura gyllenhali* (Zetterstedt, 1838)** – ♠; e; Chvála 1983; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Leptopeza flavipes* (Meigen, 1820)** – RW; 300-500 m; 1; h; Dzhambazov 2000.
***Ocydromia glabricula* (Fallén, 1816)** – V1, RW; 1000-1400 m; 2, 3; h; Nedelkov 1912; Dzhambazov 1995b, 1999, 2000.
***Ocydromia melanopleura* Loew, 1840** – RW; 1000-1100 m; 3; e; Dzhambazov 1999, 2000.
***Oropezella sphenoptera* (Loew, 1873)** – RW, BS; 0-400 m; 1; ena; Dzhambazov 1995a, 1999, 2000.
***Hybos culiciformis* (Fabricius, 1775)** – RW, BS; 0-1450 m; 1, 2, 3; ean; Dzhambazov 1995a, 2000.
***Hybos femoratus* (Muller, 1776)** – RW; 1000-1450 m; 2, 3; ena; Dzhambazov 1995a, 2000.
***Platypalpus albocapillatus* (Fallen, 1815)** – V5; 1000-1100 m; 3; e; Beschovski & Dzhambazov 1997.

***Platypalpus alpinus* Chvala, 1971** – T31; 300 m; 1; e; Beschovski & Dzhambazov 1997.
***Platypalpus analis* (Meigen, 1830)** – V1; 520-530 m; 1; e; Nedelkov 1912.
***Platypalpus annulatus* (Fallén, 1815)** – BN; 0-5 m; 1; h; Beschovski 1973; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Platypalpus annulipes* (Meigen, 1822)** – RW; 1250 m; 3; e; Dzhambazov 2000.
***Platypalpus articulatoides* (Frey, 1918)** – RW; 300-1320 m; 1, 2, 3; e; Dzhambazov 2000.
***Platypalpus brachystylus* (Bezzi, 1892)** – ♠; e; Chvála 1989; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Platypalpus calceatus* (Meigen, 1822)** – ♠; e; Chvála 1989; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Platypalpus ciliaris* (Fallén, 1816)** – RW; 580-1200 m; 1, 2, 3; e; Dzhambazov 2000.
***Platypalpus collini* (Chvala, 1966)** – RW; 1120-1490 m; 3, 4; e; Dzhambazov 2000.
***Platypalpus cothurnatus* Macquart, 1827** – S1, BN; 0-700 m; 1; e; Beschovski & Dzhambazov 1997.
***Platypalpus cryptospina* (Frey, 1909)** – BS; 0-20 m; 1; e; Beschovski & Dzhambazov 1997.
***Platypalpus cursitans* (Fabricius, 1775)** [*P. bicolor* (Meigen, 1804)] – V1; 550-600 m; 1, 2; e; Nedelkov 1912; Dzhambazov 1995b.
***Platypalpus ecalceatus* (Zetterstedt, 1838)** – BS; 0-5 m; 1; e; Beschovski & Dzhambazov 1997.
***Platypalpus excisus* (Becker, 1907)** – V4, RW; 580-1300 m; 1, 2, 3; e; Chvála 1983, 1989; Chvála & Kovalev 1989; Dzhambazov 1995b, 2000.
***Platypalpus exilis* (Meigen, 1822)** – RW; 780-1420 m; 2, 3; e; Dzhambazov 2000.
***Platypalpus flavicornis* (Meigen, 1822)** – RW; 300-1400 m; 1, 2, 3; ? ena; Dzhambazov 1999, 2000.
***Platypalpus infectus* (Collin, 1926)** – BS; 0-10 m; 1; e; Beschovski & Dzhambazov 1997.
***Platypalpus interstinctus* (Collin, 1926)** – RW; 720-1500 m; 2, 3, 4; wes; Beschovski & Dzhambazov 1997; Dzhambazov 2000.
***Platypalpus laticinctus* Walker, 1851** – E2, DM, BS; 150-200 m; 1; e; Beschovski & Dzhambazov 1997.
***Platypalpus longicornis* (Meigen, 1822)** – S211, R2; 1170-1430 m; 3, 4; e; Beschovski & Dzhambazov 1997.
***Platypalpus longiseta* (Zetterstedt, 1842)** – DW, DM, TL, RW; 120-600 m; 1; wp; Beschovski & Dzhambazov 1997; Dzhambazov 2000.
***Platypalpus luteicornis* (Meigen, 1838)** – B2, B3; 530-1400 m; 1, 2, 3; e; Beschovski & Dzhambazov 1997.
***Platypalpus luteus* (Meigen, 1804)** – ♠; e; Chvála 1989; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Platypalpus maculipes* (Meigen, 1822)** – R2, RW; 450-1000 m; 1, 2; e; Chvála & Kovalev 1989; Dzhambazov 1995b, 1999, 2000.
***Platypalpus major* (Zetterstedt, 1842)** – V1, V4, RW; 550-1000 m; 1, 2; e; Nedelkov 1912; Beschovski et al. 1995; Dzhambazov 1995b, 2000.
***Platypalpus melancholicus* (Collin, 1961)** – DW; 55-70 m; 1; e; Beschovski & Dzhambazov 1997.
***Platypalpus mikii* (Becker, 1890)** – ♠; e; Chvála 1975; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Platypalpus minutus* (Meigen, 1804)** – V1; 550-600 m; 1, 2; e; Nedelkov 1912; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Platypalpus niger* (Meigen, 1804)** – RW; 890-1420 m; 2, 3; e; Dzhambazov 1995a, 2000.
***Platypalpus nigritarsis* (Fallén, 1816)** – B3, R2, RW; 1000-1900 m; 3, 4; e; Beschovski & Dzhambazov 1997; Dzhambazov 2000.
***Platypalpus nigrosetosus* (Strobl, 1893)** – B2, S1; 700-1400 m; 2, 3; e; Beschovski & Dzhambazov 1997.
***Platypalpus niveiseta* (Zetterstedt, 1842)** – E2, BN; 90-180 m; 1; e; Beschovski & Dzhambazov 1997.
***Platypalpus pallidicornis* (Collin, 1926)** – V4, RW; 450-900 m; 1, 2; e; Beschovski et al. 1995; Dzhambazov 1999, 2000.
***Platypalpus pallidiventris* (Meigen, 1822)** [*Coryneta*, *Tachydromia*] – V1, BN; 0-550 m; 1; ena; Nedelkov 1912; Beschovski 1971a; Dzhambazov 1995b.
***Platypalpus pectoralis* (Fallén, 1815)** – ♠; e; Chvála 1989; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Platypalpus pictitarsis* (Becker, 1902)** – BN; 0-10 m; 1; ena; Beschovski 1973a; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Platypalpus pseudociliaris* (Strobl, 1910)** – RW; 390-1610 m; 1, 2, 3, 4; e; Dzhambazov 1999, 2000.
? *Platypalpus pygialis* Chvala, 1973 – ♠; e; Chvála 1989 ?; Chvála & Kovalev 1989 ?; Dzhambazov 1995b.
***Platypalpus soosi* Chvala, 1989** – ♠; csee; Chvála 1989; Dzhambazov 1995b.
***Platypalpus stabilis* (Collin, 1961)** – E2, RW; 90-1190 m; 1, 2, 3; e; Beschovski & Dzhambazov 1997; Dzhambazov 1999, 2000.

***Platypalpus stigmatellus* (Zetterstedt, 1842)** – ♠; ? des; Chvála 1989; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Platypalpus tergestinus* Egger, 1860** – RW; 1400-1500 m; 3, 4; sena; Dzhambazov 2000.
***Tachypeza nubila* (Meigen, 1804)** – V1; 550-600 m; 1, 2; e; Nedelkov 1912; Dzhambazov 1995b.
***Tachydromia annulimana* Meigen, 1822** – RW; 580-1300 m; 2, 3; e; Dzhambazov 2000.
***Tachydromia carpathica* Chvala, 1966** – RW; 580 m; 1; csee; Dzhambazov 2000.
***Tachydromia interrupta* (Loew, 1864)** – RW; 1100 m; 3; cse, ? m; Dzhambazov 2000.
***Tachydromia productipes* (Strobl, 1910)** – ♠; cee; Chvála 1989; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Tachydromia sabulosa* Meigen, 1830** – V1; 550-600 m; 1, 2; e; Nedelkov 1912; ? Chvála & Kovalev 1989; Dzhambazov 1995b.
***Tachydromia woodi* (Collin, 1926)** – RW; 580 m; 1; e; Dzhambazov 2000.
***Drapetis* (*Drapetis*) *assimilis* (Fallén, 1815)** – RW; 300-890 m; 1, 2; e, ? h; Dzhambazov 1999, 2000.
***Drapetis* (*Drapetis*) *exilis* Meigen, 1822** – RW, BN; 0-520 m; 1; e; Beschovski 1973; Dzhambazov 1995b, 2000.
***Drapetis* (*Drapetis*) *flavipes* Macquart, 1834** – P1; 180-230 m; 1; ena; Czerný 1930; Guéorguiev & Beron 1962; Beschovski 1972c; Beron 1994, 2015.
***Crossopalpus aeneus* (Walker, 1871)** – RW, BN; 0-580 m; 1; ena; Beschovski 1973a; Dzhambazov 1995b, 2000.
***Crossopalpus flexuosus* (Loew, 1840)** – BN; 0-5 m; 1; ? e, ? ena; Beschovski 1971a; Dzhambazov 1995b
***Crossopalpus humilis* (Frey, 1913)** – R2, RW; 1200-1500 m; 3, 4; wces; Chvála 1975, 1983; Chvála & Kovalev 1989; Dzhambazov 1995b, 2000.
***Crossopalpus nigritellus* (Zetterstedt, 1842)** – P1, RW; 300-400 m; 1; eswa; Dzhambazov 1995a, 2000.
***Crossopalpus pilipes* (Loew, 1859)** [*Drapetis*] – RW, BN; 0-400 m; 1; sena; Beschovski 1971; Chvála & Kovalev 1989; Dzhambazov 1995b, 2000.
***Crossopalpus setiger* (Loew, 1859)** – RW; 720-1450 m; 2, 3, 4; des, ? e; Chvála & Kovalev 1989; Dzhambazov 1995b, 2000.
***Chersodromia bureschi* Beschovski, 1973** – BN; 0-10 m; 1; Ebg; Beschovski 1973d; Chvála & Kovalev 1989; Dzhambazov 1995b.
? ***Chersodromia colliniana* Frey, 1936** [? *Ch. pontica* Chvála 1970] – BS; 0-5 m; 1; ? se; Caspers 1951a, 1951b; Beschovski 1964b, 1972b, ? 1973; Dzhambazov 1995b.
***Chersodromia cursitans* (Zetterstedt, 1819)** [*Tachydromia*] – V1; 550-600 m; 1, 2; e; Nedelkov 1912; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Chersodromia curtipennis* Collin, 1950** – BS; 0-5 m; 1; see; Collin 1950; Caspers 1951a, 1951b; Beschovski 1964b; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Chersodromia milanchvalai* Beschovski, 1973** – BN; 0-5 m; 1; Ebg; Beschovski 1973d; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Chersodromia nigrosetosa* Chvala, 1970** – ♠; ? hom; Chvála 1970; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Chersodromia pontica* Chvala, 1970** [*Ch. colliniana* Frey, 1936] – BN, BS; 0-50 m; 1; ? se; Chvála 1970; Beschovski 1973a; Chvála & Kovalev 1989; Dzhambazov 1995b.

Atelestidae

***Atelestus pulicarius* (Fallén, 1816)** – RW; 1100 m; 3; e; Dzhambazov 2000.
***Nemedina alamirabilis* Chandler, 1981** – B2; 1160 m; 3; see; Kanavalová et al. 2020.

Microphoridae

***Microphor albopilosus* (Becker, 1910)** [*Microphorus*, *Micromorphus*] – BS; 0-5 m; 1; se; Beschovski 1971a; Chvála 1989; Chvála & Kovalev 1989; Dzhambazov 1995b.
***Microphor anomalus* (Meigen, 1824)** – V4, RW; 700-1300 m; 2, 3; des; Chvála 1983, 1989; Chvála & Kovalev 1989; Dzhambazov 1995b, 2000.
***Microphor crassipes* (Macquart, 1827)** – RW; 400-1400 m; 1, 2, 3; e; Dzhambazov 2000.
***Microphor holosericeus* (Meigen, 1804)** – V4, RW; 700-1000 m; 2, 3; tes, ? des; Chvála 1983, 1989; Chvála & Kovalev 1989; Dzhambazov 1995b, 2000.
***Microphorella praecox* (Loew, 1864)** – RW; 750 m; 2; e; Dzhambazov 1995b, 2000.

Dolichopodidae

***Sciapus bellus* (Loew, 1873)** – RE; 354-473 m; 1; e; Kechev 2021b.

***Sciapus contristans* (Wiedemann, 1817)** [*S. vialis* (Raddatz, 1873)] – E1, BN; 30 m; 1; ena; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Grichanov & Negrobov 2014; Kechev et al. 2020.

***Sciapus euchromus* (Loew, 1857)** – BN; 0-20 m; 1; em; Grichanov & Negrobov 2014; Kechev et al. 2020.

***Sciapus flavicinctus* (Loew, 1857)** – TL, RE, BS; 0-473; 1; csean; Beschovski 1971a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2014, 2015; Kechev et al. 2020; Kechev 2021b.

***Sciapus frater* (Parent, 1927)** – TL; 149 m; 1; ? e; Kechev 2012, 2015; Kechev & Ivanova 2015; Kechev et al. 2020.

***Sciapus glaucescens* (Loew, 1856)** – BN; 0-20 m; 1; sena; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Sciapus heteropygus* Parent, 1926** – E2; 218 m; 1; eswa; Kechev et al. 2020.

***Sciapus longulus* (Fallén, 1823)** – TL; 150 m; 1; weswca; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Sciapus maritimus* Becker, 1918** – RW; 580-600 m; 1; e; Kechev 2007a.

***Sciapus maurus* Parent, 1930** – ♠; seeanna; Parent 1938; Kechev 2005; Grichanov & Negrobov 2014.

***Sciapus opacus* (Loew, 1866)** – BN, BS; 0-10 m; 1; sena; Beschovski 1971a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Grichanov & Negrobov 2014; Kechev et al. 2020.

***Sciapus pallens* (Wiedemann, 1830)** – BS; 0-10 m; 1; h; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Grichanov & Negrobov 2014; Kechev et al. 2020.

***Sciapus palmipes* Collin, 1966** – R2; 1760 m; 4; se; Kechev et al. 2020.

***Sciapus platypterus* (Fabricius, 1805)** – DM, P2, TL, RW, RE, BN; 0-473 m; 1; e; Beschovski 1971a; Negrobov 1991; Kechev 2005, 2006, 2007a, 2012a, 2015, 2017, 2021b; Beschovski & Dzhambazov 2002; Kechev et al. 2014, 2020; Grichanov & Negrobov 2014.

***Sciapus wiedemanni* (Fallén, 1823)** – TL; 140-190 m; 1; h; Grichanov & Negrobov 2014; Kechev et al. 2014, 2020; Kechev 2015.

***Xanthochlorus luridus* Negrobov, 1978** – RW; 670-1200 m; 2, 3; ? e; Kechev 2007a, 2007b, 2015; Kechev et al. 2020.

***Xanthochlorus tenellus* (Wiedemann, 1817)** – TL, RW; 150-1200 m; 1, 2, 3; ean; Negrobov 1991; Kechev 2005, 2006, 2007a, 2015; Beschovski & Dzhambazov 2002; Kechev et al. 2014, 2020.

***Rhaphium albifrons* Zetterstedt, 1843** – RW; 400 m; 1; esca; Kechev 2007a, 2007b; Kechev et al. 2020.

***Rhaphium antennatum* (Carlier, 1835)** – RE; 473 m; 1; ei; Kechev 2021b.

***Rhaphium appendiculatum* Zetterstedt, 1849** [*R. macrocerum* Meigen, 1824; *Xyphandrium*] – S23, RW, BN; 0-1000 m; 1, 2; pat; Beschovski 1971a; Negrobov 1991; Kechev 2005, 2006, 2007a, 2015, 2016; Beschovski & Dzhambazov 2002; Kechev et al. 2020.

***Rhaphium auctum* Loew, 1857** – S23, TL, RW; 150-400 m; 1; wcp; Kechev 2005, 2007a, 2007b, 2015, 2016; Kechev et al. 2014, 2020; Kechev & Ivanova 2015.

***Rhaphium brevicorne* Curtis, 1835** – S23, RW; 300-1350 m; 1, 2, 3; wp; Kechev 2007a, 2007b, 2015, 2016; Kechev et al. 2020.

***Rhaphium caliginosum* (Zetterstedt, 1843)** [*R. zetterstedti* Parent, 1925; *Xiphandrium*] – DM, P1, P2, B3, S23, TL, RW; 120-850 m; 1, 2; tp; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2006, 2007a, 2012a, 2012b, 2014, 2016, 2017, 2021b; Kechev et al. 2014, 2020; Kechev & Ivanova 2015.

***Rhaphium crassipes* (Meigen, 1824)** [*Porphyrops*] – R1; 1374-1400 m; 3; h; Kechev 2006; Kechev et al. 2020.

***Rhaphium discigerum* Stenhammar, 1851** – TL; 168-240 m; 1; eca; Kechev 2011a, 2014, 2015; Kechev et al. 2020.

***Rhaphium fascipes* (Meigen, 1824)** – P2; 280-360 m; 1; h; Kechev 2005, 2015; Beschovski & Dzhambazov 2002; Kechev et al. 2020.

***Rhaphium fissum* Loew, 1850** – S23, RW; 280-330 m; 1; wcp; Kechev 2007a, 2007b, 2016; Kechev et al. 2020.

***Rhaphium laticorne* (Fallén, 1823)** [*Porphyrops nemorum* Meigen, 1824] – P1, P2, V1; 120-600 m; 1; wes; Nedelkov 1912; Negrobov 1991; Kechev 2005, 2015, 2017, 2021b; Beschovski & Dzhambazov 2002; Kechev et al. 2020.

***Rhaphium micans* (Meigen, 1824)** [*Porphyrops*] – V1; 550-600 m; 1; esca; Nedelkov 1912; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Rhaphium monotrichum* Loew, 1850** – TL, RW; 149-1400 m; 1, 2, 3; wces; Kechev 2007a, 2010, 2015; Kechev & Ivanova 2015; Kechev et al. 2020.

? *Rhaphium pectinatum* (Loew, 1859) [*R. brevicorne* Curtis, 1835] – TL; 149 m; 1; e; Kechev 2015; Kechev & Ivanova 2015.

***Rhaphium penicillatum* Loew, 1850** – S23, TL, RW; 150-300 m; 1; e; Kechev 2007a, 2010, 2016; Kechev et al. 2014, 2020.

***Rhaphium riparium* (Meigen, 1824)** [*R. praerosum* Loew, 1850] – RW; 300 m; 1; e; Kechev 2007a, 2010; Kechev et al. 2020.

***Chrysotimus flaviventris* (von Roser, 1840)** [*Chrysotus concinnus* Zetterstedt, 1843] – V4, RW; 1000-1350 m; 2, 3; e; Kechev 2007a, 2010, 2015, 2021b; Kechev et al. 2020.

***Chrysotimus molliculus* (Fallén, 1823)** – S23, TL, RW; 150-1200 m; 1, 2, 3; e; Kechev 2005, 2007a, 2015, 2016, 2020; Kechev et al. 2014, 2020; Kechev & Ivanova 2015.

***Epithalassius caucasicus* Becker, 1918** – BS; 0-5 m; 1; bc; Caspers 1951a; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Epithalassius stackelbergi* Beschovski, 1966** – BN; 0-5 m; 1; Eb; Beschovski 1966d, 1975a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Micromorphus albipes* (Zetterstedt, 1843)** – TL, BN; 0-150 m; 1; ppta; Beschovski 1967a; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev & Ivanova 2015; Kechev et al. 2020.

***Peloropeodes acuticornis* (Oldenberg, 1916)** – S23; 350 m; 1; nm; Kechev 2016; Kechev et al. 2020.

***Peloropeodes meridionalis* Parent, 1928** [*Anomalopyga*] – DM; 120-130 m; 1; se; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Vetimicrotes mediterraneus* (Becker, 1918)** [*Microtes*] – BS; 0-5 m; 1; Eb; Beschovski 1975b; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Achalcus flavicollis* (Meigen, 1824)** – BN; 0-5 m; 1; e; Pollet 1996; Kechev 2005, 2015; Kechev et al. 2020.

***Aphrosylus fuscipennis* Strobl, 1909** – BN, BS; 0-5 m; 1; se; Beschovski 1973a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Aphrosylus piscator* Lichtwardt, 1902** – BN; 0-5 m; 1; Eb; Beschovski 1973a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Aphrosylus venator* Loew, 1857** – BN, BS; 0-5 m; 1; sena; Beschovski 1964a, 1964b, 1965, 1975a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Thinophilus flavipalpis* (Zetterstedt, 1843)** – BN, BS; 0-5 m; 1; ppt; Nedelkov 1912; Beschovski 1971a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Thinophilus ruficornis* (Haliday, 1838)** – BN, BS; 0-5 m; 1; po; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Schoenophilus versutus* (Haliday, 1851)** – TL; 55-65 m; 1; eanna; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Orthoceratium lacustre* (Scopoli, 1763)** – BS; 0-5 m; 1; eanna; Beschovski 1971a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Liancalus virens* (Scopoli, 1763)** – P2, B1, B2, B3, V1, RE, BN, BS; 0-1000 m, 1, 2; wp; ? wcp; subtroglophile; Nedelkov 1912; Buresch et al. 1949; Guéorguiev & Beron 1962; Beschovski 1964a, 1964b, 1965 1972c; Negrobov 1991; Beron 1994, 2015, 2016; Kechev 2005, 2015, 2017, 2021b; Kechev et al. 2020.

***Hydrophorus balticus* (Meigen, 1824)** – B3, TL, R1, R2, RW; 170-2300 m; 1, 2, 3, 4, 5; ppt; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2006, 2007a, 2012b, 2015, 2017; Kechev et al. 2020.

***Hydrophorus praecox* (Lehmann, 1822)** – BN; 0-5 m; 1; k; Beschovski 1964a, 1964b; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Hydrophorus viridis* (Meigen, 1824)** – BN; 0-10 m; 1; po; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Scellus notatus* (Fabricius, 1781)** – TL, RW; 65-1200 m; 1, 2, 3; wesan, wes ?; Beschovski 1967a; Beschovski & Dzhambazov 2002; Kechev 2005, 2007a, 2015; Kechev & Ivanova 2015; Kechev et al. 2020.

***Oncopygius distans* (Loew, 1857)** – V4; 1650-1700 m; 4; csee; Beschovski 2012, Kechev 2015; Kechev et al. 2020.

***Neurigona biflexa* Strobl, 1909** – ♠; se; Grishanov 2010; Kechev et al. 2020.

***Neurigona erichsoni* (Zetterstedt, 1843)** – S23; 287-560 m; 1; eani; Kechev 2016; Kechev et al. 2020.

***Neurigona nubifera* (Loew, 1869)** – RE; 354-473; 1; Eb; Kechev 2021b.
***Neurigona pallida* (Fallén, 1823)** – DM, RE, B2; 108-530 m; 1; wes; Kechev 2021a, 2021b.
***Neurigona quadrifasciata* (Fabricius, 1781)** – P1, RW; 280-362 m; 1; wces, ? tes; Kechev 2007a, 2021.
***Neurigona suturalis* (Fallén, 1823)** – RW, RE; 200-473 m; 1; e; Kechev 2007a, 2010, 2015, 2021b; Kechev et al. 2020.
***Sympycnus brevimanus* Loew, 1857** – RW; 680 m; 1, 2; cee; Kechev 2007a.
***Sympycnus cirripes* (Haliday, 1851)** – R2; RW; 280-1650 m; 1, 2, 3, 4; e; Parent 1938; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2007a, 2015; Kechev et al. 2020.
***Sympycnus desoutteri* Parent, 1925** [*S. pulicarius* (Fallén, 1823), *S. annulipes* (Meigen, 1824)] – B3, S23, TL, RW, RE; 150-1450 m; 1, 2, 3; h; Beschovski 1967a, 2004; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2007a, 2015, 2016, 2017; Kechev et al. 2014; Kechev & Ivanova 2015.
***Sympycnus pulicarius* (Fallén, 1823)** [*S. annulipes* (Meigen, 1824)] – B3, S23, TL, R5, RW, RE; 250-900 m; 1, 2; h; Kechev 2006, 2015; Kechev et al. 2020; Kechev 2021b.
***Sympycnus simplicipes* Becker, 1908** – P2, RW, RE; 144-450 m; 1; e; Kechev 2007a; Kechev et al. 2020.
***Syntormon aulicum* (Meigen, 1824)** [*Eutarsus*] – RW; 269-1000 m; 1, 2; wp; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2007a, 2015; Kechev et al. 2020.
***Syntormon bulgariensis* Negrobov & Kechev, 2012** – RW; 1620 m; 4; Er; Negrobov & Kechev, 2012; Kechev 2015; Kechev et al. 2020.
***Syntormon denticulatum* (Zetterstedt, 1843)** [*S. rufipes* (Meigen, 1824)] – TL, T11, R1, RW; 128-1400 m; 1, 2, 3; wp; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2006; 2014; Kechev et al. 2014; Kechev & Ivanova 2015; Kechev et al. 2020.
***Syntormon filiger* Verrall, 1912** – TL, BS; 0-200 m; 1; e; Beschovski 1971a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2014, 2020.
***Syntormon fuscipes* (von Roser, 1840)** [*S. spicatum* (Loew, 1857)] – TL, R1, RW, BN; 0-1400 m; 1, 2, 3; wpat; Beschovski 1971a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2007a, 2014, 2015; Kechev et al. 2014, 2020; Kechev & Ivanova 2015.
***Syntormon metathesis* (Loew, 1850)** – TL; 120-125 m; 1; wes; Kechev 2012a, 2015; Kechev et al. 2020.
***Syntormon mikii* Strobl, 1899** – TL; 120-150 m; 1; ena; Kechev 2012a, 2012b, 2015; Kechev & Ivanova 2015; Kechev et al. 2020.
***Syntormon monile* (Haliday, 1851)** – RW; 300-1400 m; 1, 2, 3; wp; Kechev 2005, 2006, 2015; Kechev et al. 2020.
***Syntormon pallipes* (Fabricius, 1794)** – B3, S23, TL, R1, R5, RW, RE, BN; 0-1400 m; 1, 2, 3; ppt; Beschovski 1964a, 1964b; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2006, 2007a, 2012a, 2012b, 2012c, 2015, 2016, 2017, 2021b; Kechev et al. 2014, 2020; Kechev & Ivanova 2015.
***Syntormon pumilum* (Meigen, 1824)** – TL, R1, RW, BN; 0-1400 m; 1, 2, 3; wp; Beschovski 1967a; Beschovski & Dzhambazov 2002; Kechev 2006, 2007a, 2012b, 2015; Kechev et al. 2020.
***Syntormon pseudospicatum* Strobl, 1899** – V1; 630-640 m; 1; cse; Kechev & Glogov 2021.
***Syntormon triangulipes* Becker, 1902** – TL; 140-150 m; 1; mwca; Kechev 2014, 2015; Kechev et al. 2014, 2020.
***Lamprochromus bifasciatus* (Macquart, 1827)** – TL; 170 m; 1; e; Kechev 2015; Kechev & Ivanova 2015; Kechev et al. 2020.
***Lamprochromus kowarzi* Negrobov et Tshalaja, 1988** – V1; 630-640 m; 1; ? csel; Kechev & Glogov 2021.
***Lamprochromus speciosus* (Loew, 1871)** – TL; 60-75 m; 1; wp; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.
***Lamprochromus semiflavus* (Strobl, 1880)** [*L. strobli* Parent, 1925] – TL, BN; 0-200 m; 1; e; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2014, 2020.
***Campsicnemus curvipes* (Fallén, 1823)** – S23, TL, R1, RW, BS; 0-1400 m; 1, 2, 3; ena; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2006, 2007a, 2012a, 2012c, 2015, 2016; Kechev et al. 2014, 2020; Kechev & Ivanova 2015.
***Campsicnemus filipes* Loew, 1859** – BN; 0-5 m; 1; e; Beschovski 1971a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.
***Campsicnemus magius* (Loew, 1845)** – BN; 0-5 m; 1; wpat; Beschovski 1971a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.
***Campsicnemus scambus* (Fallén, 1823)** – BN; 25-30 m; 1; tes; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Campsicnemus simplicissimus* Strobl, 1906** – S23, TL, RW, BN; 0-600 m; 1; eanca; Beschovski 1973a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2007a, 2012a, 2014, 2015, 2016; Kechev et al. 2014, 2020; Kechev & Ivanova 2015.

***Campsicnemus umbripennis* Loew, 1856** – S23, TL, RW; 200-1620 m; 1, 2, 3, 4; eanca; Parent 1938; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2006, 2007a, 2012c, 2015, 2016; Kechev et al. 2020.

***Campsicnemus varipes* Loew, 1859** – RW; 770 m; 2; eca; Kechev et al. 2020.

***Telmaturgus tumidulus* (Raddatz, 1873)** – V4; 850-900 m; 2; eanca; Beschovski 2012; Kechev 2015; Kechev et al. 2020.

***Teuchophorus chaetifemoratus* Pollet & Kechev, 2007** – S23, TL, RW; 300-330 m; 1; ban; Pollet & Kechev 2007; Kechev 2015, 2016; Kechev et al. 2020.

***Teuchophorus cristulatus* Meuffels & Grootaert, 1992** – S23, TL, RW; 149-280 m; 1; nm; Kechev 2012, 2015, 2016; Kechev & Ivanova 2015; Kechev et al. 2020.

***Teuchophorus medovoensis* Kechev, Negrobov & Grichanov, 2014** – S23, TL; 277-405 m; 1; Ebg; Kechev et al. 2014, 2020; Kechev 2015, 2016, 2020.

***Teuchophorus monacanthus* Loew, 1859** – P2, S23, TL, RW, BN; 130-400 m; 1; e; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2006, 2007a, 2012b, 2015, 2016, 2017; Kechev et al. 2014, 2020; Kechev & Ivanova 2015.

***Teuchophorus simplex* Mik, 1880** – RW; 300 m; 1; e; Kechev 2007a, 2015; Pollet & Kechev 2007; Kechev et al. 2020.

***Teuchophorus spinigerellus* (Zetterstedt, 1843)** – S23, TL, BN; 140-300 m; 1; wp; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2012a, 2012b, 2015, 2016; Kechev et al. 2014, 2020; Kechev & Ivanova 2015.

***Argyra argyria* (Meigen, 1824)** – TL; 150 m; 1; eanna; Kechev 2011b, 2012b, 2015; Kechev & Ivanova 2015; Kechev et al. 2020.

***Argyra atriceps* Loew, 1857** – ♠; e; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Argyra auricollis* (Meigen, 1824)** – R1, RW; 1400 m; 3; e; Kechev 2007a, 2007b, 2015; Kechev et al. 2020.

***Argyra diaphana* (Fabricius, 1775)** – RW; 300 m; 1; ei; Kechev 2007a, 2010, 2015; Kechev et al. 2020.

***Argyra ilonae* Gosseries, 1988** [*A. confinis* Zetterstedt, 1849] – RW; 770 m; 2; e; Kechev et al. 2020.

***Argyra leucocephala* (Meigen, 1824)** – S23, TL, T31, RW; 150-1050 m; 1, 2, 3; wp; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2012a, 2012b, 2015, 2016, 2020; Kechev et al. 2014, 2020; Kechev & Ivanova 2015.

***Argyra vestita* (Wiedemann, 1817)** [*Leucostola*] – BN; 0-10 m; 1; e; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Melanostolus nigricilius* (Loew, 1871)** – BN; 0-5 m; 1; ppt; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Diaphorus hoffmannseggi* Meigen, 1830** – RW; 300 m; 1; e; Kechev 2007a, 2010, 2015; Kechev et al. 2020.

***Chrysotus angulicornis* Kowarz, 1874** – R2, RW; 900-1760 m; 2, 3, 4; e; Kechev et al. 2020.

***Chrysotus cilipes* Meigen, 1824** – RW; 40-600 m; 1, 2; po; Kechev 2007a, 2007b, 2015; Kechev et al. 2020.

***Chrysotus femoratus* Zetterstedt, 1843** – P2, S23, RW; 130-300 m; 1; po; Kechev 2007a, 2016, 2017; Kechev & Ivanova 2015; Kechev et al. 2020.

***Chrysotus gramineus* (Fallen, 1823)** – P1, R1, RW; 260-1900 m; 1, 2, 3, 4; hop; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2007a, 2015, 2021b; Kechev et al. 2020.

***Chrysotus laesus* (Wiedemann, 1817)** – R1, RW, RE; 473-1750 m; 1, 2, 3, 4; po; Kechev 2007a, 2007b, 2015, 2021b; Kechev et al. 2020.

***Chrysotus monochaetus* Kowarz, 1874** [*Ch. viridifemoratus* von Roser, 1840] – RW; 400-1926 m; 1, 2, 3, 4; des; Kechev 2007b, 2015; Kechev et al. 2020.

***Chrysotus neglectus* (Wiedemann, 1817)** – R2, RW; 900-1760 m; 2, 3, 4; esca; Kechev 2007a; Kechev et al. 2020.

***Chrysotus obscuripes* Zetterstedt, 1838** – R2, RW; 1550-2000 m; 3, 4; po; Kechev 2007a; Kechev et al. 2020.

***Chrysotus palustris* Verrall, 1876** – BN; 0-20 m; 1; e; Beschovski 1972a; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Chrysotus pennatus* Lichtwardt, 1902** – P2, TL, RW; 110-800 m; 1, 2; eani; Kechev 2005, 2006, 2007a, 2014, 2015, 2017; Kechev et al. 2020.

***Chrysotus polleti* Olejnicek, 1999** – BS; 0-10 m; 1; Ebg; Olejníček 1999; Kechev 2005, 2015; Kechev et al. 2020.

***Chrysotus pulchellus* Kowarz, 1874** – R1, RW, RE; 100-1400 m; 1, 2, 3; po; Beschovski 1967a, 2004a; Beschovski & Dzhambazov 2002; Kechev 2005, 2007a, 2015; Kechev et al. 2020.

***Chrysotus suavis* Loew, 1857** – DM, P1, RW, RE, BN; 0-300 m; 1; ppt; Beschovski 1967a, 2004a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2007a, 2015, 2021b; Kechev et al. 2020.

***Asyndetus albipalpus* Negrobov, 1973** [*Dolichopus*] – R2; 2200-2400 m; 5; seeca; Beschovski & Dzhambazov 2002; Kechev 2005.

***Asyndetus latifrons* (Loew, 1857)** – P1, TL, RW; 190-720 m; 1, 2; ppt; Kechev 2007a, 2007b, 2015; Kechev et al. 2014, 2020, Kechev 2021b.

***Tachytrechus consobrinus* (Haliday, 1851)** – TL, RW, RE; 110-473 m; 1; wpat; Kechev 2007a, 2010, 2014, 2015, 2021b; Kechev et al. 2020.

***Tachytrechus genualis* Loew, 1857** – V1; 590-600 m; 1, 2; dpo; Nedelkov 1912; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Tachytrechus insignis* (Stannius, 1831)** – BS; 0-5 m; 1; ena; Nedelkov 1912; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Tachytrechus notatus* (Stannius, 1831)** – V1, TL, BN; 0-600 m; 1; wp; Nedelkov 1912; Beschovski 1964a, 1964b; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2014, 2020.

***Tachytrechus ripicola* Loew, 1857** – BN; 0-5 m; 1; wesan; Beschovski 1967a; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Sybistroma crinipes* Stæger, 1842** [*Hypophyllus*] – RW; 300-1100 m; 1, 2, 3; e; Beschovski & Dzhambazov 2002; Kechev 2005, 2006, 2015; Kechev et al. 2020.

***Sybistroma discipes* (Germar, 1817)** [*Hypophyllus*] – RW; 300 m; 1; eani; Kechev 2007a, 2010, 2015; Kechev et al. 2020.

***Sybistroma impar* Rondani, 1843** [*Ludovicius*] – S23, TL, BN; 30-328 m; 1; eswa; Olejníček & Barták 1997; Kechev 2005, 2012b, 2012c, 2015, 2016; Kechev et al. 2014, 2020; Kechev & Ivanova 2015; Kechev et al. 2020.

***Sybistroma nodicornis* Meigen, 1824** – TL, RW; 145-300 m; 1; ? mi, ? wp; Kechev 2007a, 2007b, 2012a, 2014, 2015, 2020; Kechev & Ivanova 2015; Kechev et al. 2020.

***Sybistroma obscurellum* (Fallén, 1823)** [*Hypophyllus*] – RW; 300-1000 m; 1, 2; e; Kechev 2007a, 2007b, 2015; Kechev et al. 2020.

***Sybistroma setosa* Schiner, 1862** – TL; 100 m; 1; csee; Kechev 2012a, 2015; Kechev et al. 2020.

***Gymnopternus aerosus* (Fallén, 1823)** [*Hercostomus*] – S23, RW; 400-1360 m; 1, 2, 3; po; Beschovski & Dzhambazov 2002; Kechev 2005, 2006, 2015, 2016, 2021b; Kechev et al. 2020.

***Gymnopternus angustifrons* (Stæger, 1842)** [*Hercostomus*] – R1, RW; 1330-1400 m; 3; wes; Kechev 2007a; Kechev et al. 2020.

***Gymnopternus brevicornis* (Stæger, 1842)** [*Hercostomus*] – R1, RW, RE; 473-1400 m; 1, 2, 3; e; Kechev 2007a, 2007b, 2015, 2021b; Kechev et al. 2020.

***Gymnopternus celer* (Meigen, 1824)** [*Hercostomus*] – RW, RE; 300-1200 m; 1, 2, 3; wces; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2006, 2015, 2021b; Kechev et al. 2020.

***Gymnopternus chalybeus* (Wiedemann, 1817)** [*Ethiromyia*, *Hercostomus*] – RW; 1200 m; 3; e; Kechev 2007a, 2007b, 2015; Kechev et al. 2020.

***Gymnopternus metallicus* (Stannius, 1831)** – TL, RW; 150-1000 m; 1, 2; wesca; Kechev 2007a, 2007b, 2012a, 2015; Kechev & Ivanova 2015; Kechev et al. 2020.

***Hercostomus chetifer* (Walker, 1849)** – B2; 657 m; 1, 2; ho; Kechev 2021.

***Hercostomus convergens* Loew, 1857** – TL; 128-150 m; 1; eswa; Kechev 2012a, 2012b, 2014, 2015; Kechev & Ivanova 2015; Kechev et al. 2020.

***Hercostomus fugax* (Loew, 1857)** – R2, RW; 1200-2060 m; 3, 4, 5; wces; Parent 1938; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2006, 2007a, 2015; Kechev et al. 2020.

***Hercostomus fulvicaudis* (Walker, 1851)** – TL; 120-125 m; 1; po; Kechev 2012a, 2015; Kechev et al. 2020.

***Hercostomus gavarniae* Parent, 1928** – RW; 1200 m; 3; e, ? se; Kechev 2007a, 2007b, 2015; Kechev et al. 2020.

***Hercostomus germanus* (Wiedemann, 1817)** – RW; 1100-1620 m; 3, 4; wces, ? wcp; Kechev 2007a, 2010, 2015; Kechev et al. 2020.

***Hercostomus gracilis* (Stannius, 1831)** [*H. bicolor* Macquart, 1827] – E1, S23, TL; 172-420 m; 1; esca; Parent 1938; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015, 2016, 2020, 2021b; Kechev et al. 2014, 2020.

***Hercostomus labiatus* (Loew, 1871)** – R2; 1600-2230 m; 4, 5; e; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Hercostomus longiventris* (Loew, 1857)** – RW; 1350 m; 3; wp; Kechev 2005, 2007a, 2015; Kechev et al. 2020.

***Hercostomus nanus* (Macquart, 1827)** – TL, T31, BS; 0-150 m; 1; ean; Kechev 2005, 2015, 2020; Kechev & Ivanova 2015; Kechev et al. 2020.

***Hercostomus nigrilamellatus* (Macquart, 1827)** – RW; 300-1620 m; 1, 2, 3, 4; e; Kechev 2007a, 2010, 2015; Kechev et al. 2020.

***Hercostomus nigriplantis* (Stannius, 1831)** – RW; 300 m; 1; des, ? wces; Kechev 2007a, 2010, 2015; Kechev et al. 2020.

***Hercostomus parvilamellatus* (Macquart, 1827** – S23; 287 m; 1; e; Kechev 2016; Kechev et al. 2020.

***Hercostomus plagiatus* (Loew, 1857)** – S23, TL; 150-405 m; 1; ena; Kechev 2015, 2016; Kechev & Ivanova 2015; Kechev et al. 2020.

***Hercostomus rusticus* (Meigen, 1824)** – V5, R2, RW; 450-2014 m; 1, 2, 3, 4; tes; Beschovski & Dzhambazov 2002; Kechev 2005, 2006, 2007a, 2015, 2021b; Kechev et al. 2020.

***Hercostomus sahlbergi* (Zetterstedt, 1838)** [*Hydrophorus*] – R1; 1600-1700 m; 3, 4; e; Nedelkov 1912; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Hercostomus stroblianus* Becker, 1917** – RW; 300 m; 1; ? atm; Kechev 2007a, 2010, 2015; Kechev et al. 2020.

***Hercostomus thraciensis* Kechev & Negrobov, 2015** – TL; 130-150 m; 1; em; Kechev 2015, 2020; Kechev & Ivanova 2015; Kechev & Negrobov 2015; Kechev et al. 2020.

***Hercostomus vivax* (Loew, 1857)** – RW; 1926 m; 4; wces; Kechev 2007a, 2007b, 2015; Kechev et al. 2020.

***Poecilobothrus chrysozygos* (Wiedemann, 1817)** [*Hercostomus*] – S23, TL, RW, RE; 130-400 m; 1; esanca; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2007a, 2011a, 2012a, 2015, 2016, 2021b; Kechev et al. 2014, 2020.

***Poecilobothrus comitialis* (Kowarz, 1867)** [*Hercostomus*] – T31, BS; 0-10 m; 1; eanca; Kechev 2005, 2011a, 2015; Kechev et al. 2020.

***Poecilobothrus ducalis* (Loew, 1857)** [*P. infuscatus* Parent, 1938] – T31, BS; 0-10 m; 1; ena; Kechev 2011a, 2015; Kechev et al. 2020.

***Poecilobothrus nobilitatus* (Linnaeus, 1767)** [*Gymnopternus*, *Hercostomus*] – V1, V4, TL, RW; 200-1000 m; 1, 2; e; Nedelkov 1909, 1912; Beschovski & Dzhambazov 2002; Kechev 2005, 2007a, 2011a, 2015; Kechev et al. 2020.

***Poecilobothrus principalis* (Loew, 1861)** [*Hercostomus fumipennis* Stannius, 1831] – BS; 0-10 m; 1; eswa; Beschovski 1967a; Beschovski & Dzhambazov 2002; Kechev 2005, 2011a, 2015; Kechev et al. 2020.

***Poecilobothrus regalis* (Meigen, 1824)** [*Hercostomus*] – S23, TL, BN, BS; 0-1050 m; 1, 2, 3; eanit; Parent 1938; Beschovski 1971a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2011a, 2012a, 2012b, 2012c, 2014, 2015, 2016, 2020, 2021b; Kechev et al. 2014, 2020; Kechev & Ivanova 2015.

***Ortochile nigrocoerulea* Latreille, 1809** [*O. unicolor* Loew, 1850] – RW, BS; 0-1750 m; 1, 2, 3, 4; eanna; Kechev 2005, 2015; Kechev et al. 2020.

***Dolichopus arbustorum* Stannius, 1831** – V4; 950-1050 m; 2, 3; e; Beschovski 2013a; Kechev 2015; Kechev et al. 2020.

***Dolichopus argyrotarsis* Wahlberg, 1850** – V4, RW; 900-1700 m; 3, 4; e; Kechev 2007a, 2010, 2015; Beschovski 2013a; Kechev et al. 2020.

***Dolichopus beschovskii* Negrobov & Kechev, 2010** – R2; 2020-2200 m; 5; Er; Negrobov & Kechev 2010; Kechev 2015; Kechev et al. 2020.

***Dolichopus campestris* Meigen, 1824** – B2, V1, V4, RW; 600-1500 m; 2, 3; tp; Kechev 2007a, 2015; Beschovski 2013a; Kechev et al. 2020.

***Dolichopus cilifemoratus* Macquart, 1827** – RW; 1200 m; 3; tes, ? des; Kechev 2007a, 2007b, 2015; Kechev et al. 2020.

***Dolichopus claviger* Stannius, 1831** – RW; 280-1050 m; 1, 2, 3; wces, ? wes; Kechev 2007a, 2015; Kechev et al. 2020.

***Dolichopus clavipes* Haliday, 1832** – RW; 1620 m; 4; po; Kechev 2007a.

***Dolichopus diadema* Haliday, 1832** [*Macrodolichopus*] – RE, BN, BS; 0-440 m; 1; po; Beschovski 1967a, 2004a, 2013a; Kechev 2005, 2015, 2021b; Kechev et al. 2020.

***Dolichopus excisus* Loew, 1859** – DW, B3, S23, TL, O61, O62, BN; 0-350 m; 1; eanca; Beschovski 1967a, 2013a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2012b, 2015, 2016; Kechev et al. 2020.

***Dolichopus festivus* Haliday, 1832** – RW; 1105 m; 2, 3; e; Kechev 2007a.

***Dolichopus griseipennis* Stannius, 1831** – E1, V1, S23, TL, T11, RW, RE; 120-1190 m; 1, 2, 3; wp; Nedelkov 1912; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2007a, 2015, 2016, 2021b; Beschovski 2013a; Kechev et al. 2014, 2020; Kechev & Ivanova 2015.

***Dolichopus latilimbatus* Macquart, 1827** – DW, S23, TL, BN, BS; 0-300 m; 1; po; Beschovski 1973a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2012a, 2015, 2016; Beschovski 2013a.

***Dolichopus lepidus* Stæger, 1842** – B2, V4, RW; 900-1500 m; 2, 3; po; Kechev 2007a, 2015; Beschovski 2013a; Kechev et al. 2020.

***Dolichopus linearis* Meigen, 1824** – TL; 170 m; 1; po; Kechev 2012b, 2015; Kechev et al. 2020.

***Dolichopus litorellus* Zetterstedt, 1852** – V4; 950-980 m; 2; po; Beschovski 2013a; Kechev 2015; Kechev et al. 2020.

***Dolichopus longicornis* Stannius, 1831** – B2; 530 m; 1; ho; Kechev 2021.

***Dolichopus longisetosus* Negrobov, 1973** – B1; 1450 m; 3; ees; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Dolichopus longitarsis* Stannius, 1831** – V5, R1; 1100-1150 m; 3; eanit; Beschovski 2013a; Kechev 2015, 2021b; Kechev et al. 2020.

***Dolichopus nigricornis* Meigen, 1824** [*D. discifer* Stannius, 1831] – TL, BN; 0-300 m; 1; h; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2015, 2015; Kechev et al. 2014, 2020.

***Dolichopus nitidus* Fallén, 1823** – V1, TL, BN; 150-600 m; 1; po; Nedelkov 1912; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev & Ivanova 2015; Kechev et al. 2020.

***Dolichopus nubilus* Meigen, 1824** – V1, S23, TL, T11, BN; 0-550 m; 1; eanca, ? eanit; Beschovski 1967a, 1973a, 2013a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2012a, 2014, 2015, 2016; Kechev & Ivanova 2015; Kechev et al. 2020.

***Dolichopus pennatus* Meigen, 1824** – V4, R1, RW; 1100-1700 m; 3, 4; po; Kechev 2005, 2006, 2007a, 2015; Beschovski 2013a; Kechev et al. 2020.

***Dolichopus phaeopus* Haliday, 1851** – R1, R2, RW; 1500-2200 m; 4, 5; e; Kechev 2007a, 2015; Beschovski 2013a; Kechev et al. 2020.

***Dolichopus picipes* Meigen, 1824** – B2, R1, R2, RW; 1200-2014 m; 3, 4; wesan; Kechev 2007a, 2010, 2015, 2021b; Beschovski 2013a; Kechev et al. 2020.

***Dolichopus plumipes* (Scopoli, 1763)** – V4, R5, S22, R1, RW, BN; 0-1400 m; 1, 2, 3; hno; Beschovski 1971a, 2013a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2006, 2007a, 2015, 2021b; Kechev et al. 2020.

***Dolichopus plumitarsis* Fallen, 1823** – ♠; h; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2015; Kechev et al. 2020.

***Dolichopus popularis* Wiedemann, 1817** – R1, RW; 300-1400 m; 1, 2, 3; wces; Kechev 2007a, 2007b, 2015, 2021b; Kechev et al. 2020.

***Dolichopus pyrenaicus* Parent, 1920** – R2; 1800-2200 m; 4, 5; wes; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Dolichopus sabinus* Haliday, 1838** – RW, BN; 0-300 m; 1; ean; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2006, 2007a, 2015; Kechev et al. 2020.

***Dolichopus salictorum* Loew, 1871** – S23, TL, BN; 0-300 m; 1; eani; Beschovski 1971a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2012a, 2015, 2016, 2020; Kechev & Ivanova 2015; Kechev et al. 2020.

***Dolichopus siculus* Loew, 1859** – O61; 300-350 m; 1; mi; Beschovski 2013a; Kechev 2015; Kechev et al. 2020.

***Dolichopus signifer* Haliday, 1838** – DW, K1, K2, S1, S23, TL, O5, O62, RW, BN; 0-1200 m; 1, 2, 3; wpat; Beschovski 1967a, 2013a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2007a, 2012a, 2014, 2015, 2016; Kechev et al. 2014, 2020.

***Dolichopus simplex* Meigen, 1824** – B1, V4, V5, R1, RW; 300-1400 m; 1, 2, 3; wces; Beschovski & Dzhambazov 2002; Kechev 2005, 2006, 2007a, 2015; Beschovski 2013a; Kechev et al. 2020.

***Dolichopus strigipes* Verrall, 1875** – BN, BS; 0-5 m; 1; e; Beschovski 1967a; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.

***Dolichopus trivialis* Haliday, 1832** – RW; 1300 m; 3; e; Kechev et al. 2020.

***Dolichopus ungulatus* (Linnaeus, 1758)** – V4, R1, RW; 1000-1400 m; 3; h; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2006, 2007a, 2015, 2021b; Beschovski 2013a; Kechev et al. 2020.

***Medetera diadema* (Linnaeus, 1767)** – P2, V1; 220-600 m; 1; h; Nedelkov 2012; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.
***Medetera flavipes* (Linnaeus, 1758)** – TL; 174 m; 1; eanna; Kechev et al. 2020.
***Medetera glauca* Loew, 1869** – BN; 0-5 m; 1; e; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015; Kechev et al. 2020.
***Medetera helvetica* Naglis & Negrobov, 2014** – R2; 2000 m; 4; csee; Kechev et al. 2020.
***Medetera impigra* Collin, 1941** – R2; 2000 m; 4; wces; Kechev et al. 2020.
***Medetera jacula* (Fallén, 1823)** – E1, V4, RE, BN; 48-1350 m; 1, 2, 3; tp; Kechev et al. 2020; Kechev 2021b
***Medetera micacea* Loew, 1857** – E1, P1, O62, BN; 0-267 m; 1; po; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2015, 2021b; Kechev et al. 2020.
***Medetera muralis* Meigen, 1824** – P1, B2; 260-530 m; 1; e; Kechev 2021a, 2021b
***Medetera murina* Becker, 1917** – DW, RW; 108-680 m; 1, 2; ? e, cse; Kechev 2007a, 2021b.
***Medetera pallipes* (Zetterstedt, 1843)** – P1; 362 m; 1; e; Kechev 2021a.
***Medetera perfida* Parent, 1932** – R2; 2000 m; 4; csee; Kechev et al. 2020.
***Medetera petrophila* Kowarz, 1877** – E2, RW, BN; 0-1620 m; 1, 2, 3, 4; ena; Beschovski 1967a; Beschovski & Dzhambazov 2002; Kechev 2005, 2007a, 2015; Kechev et al. 2020.
***Medetera petrophiloides* Parent, 1932** – BN; 0-5 m; 1; e; Beschovski 1967a; Kechev et al. 2020.
***Medetera pinicola* Kowarz, 1877** – V4; 1550 m; 4; h; Doychev et al. 2016; Kechev et al. 2020.
***Medetera truncorum* Meigen, 1824** – E2; 218 m; 1; ena, ? wp; Kechev et al. 2020.
***Medetera tumidula* Negrobov, 1967** – RW; 270 m; 1; see; Kechev 2007a.
***Systenus scholtzi* (Loew, 1850)** – O62; 267 m; 1; des; Kechev 2021b.
***Thrypticus bellus* Loew, 1869** – DM, RW, BN; 0-1200 m; 1, 2, 3; pat; Beschovski 1967a; Negrobov 1991; Beschovski & Dzhambazov 2002; Kechev 2005, 2007a, 2015; Kechev et al. 2020.

CYCLORRHAPHA

Aschiza

Platypezidae (Clythiidae)

***Callomyia saibhira* Chandler, 1976** – R1; 930-1000 m; 2, 3; des; Chandler 1976; Beschovski 2004c.
***Kesselimyia chandleri* Vanhara, 1981** – S211; 950-1000 m; 2; csee; Beschovski 2004c.

Lonchopteridae (Muscidoridae)

***Lonchoptera bifurcata* (Fallén, 1810)** [*L. furcata* (Fallén, 1823); *L. lacustris* Meigen, 1824] – DW, DM, E2, P2, B2, V1, V4, V5, S1, S211, S22, TL, T11, T2, T31, O4, O5, O61, O62, R1, R2, R3, R5, RW, RE, BN, BS; 0-2400 m; 1, 2, 3, 4, 5; k; Nedelkov 1912; Beschovski & Georgieva 2000; Beschovski 2004a, 2006a.
***Lonchoptera lutea* Panzer, 1809** – DW, P2, B2, B3, V1, V2, V4, S1, T11, O61, O62, R2, R3, R4, R5, RW, BN; 0-1700 m; 1, 2, 3, 4; tp; Nedelkov 1912; Beschovski & Georgieva 2000; Beschovski 2006a.
***Lonchoptera strobli* de Meijere, 1906** – V4, T31; 120-1400 m; 1, 2, 3; e, ? cee; Beschovski & Georgieva 2000
? *Lonchoptera tristis* Meigen, 1824 – V1; 600 m; 1; e; Nedelkov 1912.

Phoridae

***Aenigmatias franzi* Schmitz, 1950** – B2, V4, R2; 1000-2270 m; 3, 4, 5; eca; Langourov 2009.
***Aenigmatias lubbockii* (Verrall, 1877)** – B2, V4, S1; 450-940 m; 1, 2; e; Langourov 2001a, 2009.
***Anevrina curvinervis* (Becker, 1901)** – V4; 820 m; 2; h; Langourov 2001a.
***Anevrina thoracica* (Meigen, 1804)** – V4, O1; 1000-2020 m; 3, 4, 5; h; Beschovski & Langourov 1997; Langourov 2001a.
***Anevrina unispinosa* (Zetterstedt, 1860** – V4; 1270-1360 m; 3; des; Langourov 2001a.
***Anevrina urbana* (Meigen, 1830)** – V1, V4, RW; 550-940 m; 1, 2; h; Langourov 2001a, 2004a, 2011.

***Beckerina umbrimargo* (Becker, 1901)** – V4, RW; 657-820 m; 2; e; Langourov 2001a, 2011.
***Borophaga carinifrons* (Zetterstedt, 1848)** – V4; 1360 m; 3; e; Langourov 2001a.
***Borophaga femorata* (Meigen, 1830)** – V1; 550 m; 1; dp; Langourov 2004a.
***Borophaga germanica* (Schmitz, 1918)** – V1; 550 m; 1; e; Langourov 2004a.
***Borophaga incrassata* (Meigen, 1830)** [*Phora*] – ●; V4; 870-1270 m; 1, 2, 3; e; Drensky 1932b, 1934b, 1936, 1939a; Langourov 2001a.
***Borophaga irregularis* (Wood, 1912)** – V4; 1200-1270 m; 3; e; Beschovski & Langourov 1997; Langourov 2001a.
***Chaetopleurophora bohemanni* (Becker, 1901)** – V4; 820-1650 m; 2, 3, 4; e; Langourov 2001a.
***Chaetopleurophora erythronota* (Strobl, 1892)** – V4, RW, BS; 0-1500 m; 1, 2, 3; h; Beschovski & Langourov 1997; Langourov 2011.
***Chaetopleurophora spinosior* Schmitz, 1938** – V4; 1360 m; 3; e; Langourov 2001a.
***Chaetopleurophora spinosissima* (Strobl, 1892)** – V4; 820 m; 2; des; Langourov 2001a.
***Conicera dauci* (Meigen, 1830)** – V1, V4; 550-1600 m; 1, 2, 3, 4; h; Beschovski & Langourov 1997; Langourov 2001a, 2004a.
***Conicera floricola* Schmitz, 1938** – V4; 940-1350 m; 2, 3; e; Langourov 2001a.
***Conicera schnittmanni* Schmitz, 1926** – V4; 1350 m; 3; des; Langourov 2001a.
***Conicera similis* (Haliday, 1833)** – V4; 940 m; 2; h; Langourov 2001a.
***Conicera tibialis* Schmitz, 1925** – V4; 940-1350 m; 2, 3; h; Langourov 2001a.
***Diplonevra amphichaeta* (Schmitz, 1949)** – V4; 1000 m; 2, 3; csee; Beschovski & Langourov 1997; Langourov 2001a.
***Diplonevra concinna* (Meigen, 1830)** – V1; 550-600 m; 1; e; Nedelkov 2012; Langourov 2004a.
***Diplonevra crassicornis* (Meigen, 1830)** – V1, V4; 550-1350 m; 2, 3; e, ? cse; Langourov 2001a, 2004a.
***Diplonevra florescens* (Turton, 1801)** [*D. florea* (Fabricius, 1794)] – V1, V4, RW; 550-1350 m; 2, 3; des; Beschovski & Langourov 1997; Langourov 2001a, 2004a, 2011; Langourov et al. 2014.
***Diplonevra funebris* (Meigen, 1830)** – DW, E2, V1, V4, S211, RE; 80-1360 m; 1, 2, 3; hn; Beschovski & Langourov 1997; Langourov 2001a, 2004a, 2004b; Langourov et al. 2014.
***Diplonevra glabra* (Schmitz, 1927)** – V1, V4; 550-1360 m; 2, 3; e; Langourov 2001a, 2004a.
***Diplonevra lophochaeta* (Schmitz, 1927)** – V4; 1000 m; 2, 3; csee; Beschovski & Langourov 1997.
***Diplonevra nitidula* (Meigen, 1830)** – V1, V4, O4; 400-1360 m; 1, 2, 3; h; Beschovski & Langourov 1997; Langourov 2001a, 2004a.
***Diplonevra unisetalis* (Schmitz, 1935)** – BS; 0-10 m; 1; e; Beschovski & Langourov 1997.
***Dohrniphora cornuta* (Bigot, 1857)** – 0-550 m; 1; k; Beschovski & Langourov 1997; Langourov 2004a.
***Gymnophora arcuata* (Meigen, 1830)** – V4; 940-960 m; 2; e; Langourov 2001a; Langourov et al. 2014.
***Gymnophora integralis* Schmitz, 1920** – V4, RE; 160-1360 m; 1, 2, 3; des; Langourov 2001a, 2004b; Langourov et al. 2014.
***Gymnophora quartomollis* Schmitz, 1920** – V4; 1270-1550 m; 3, 4; e; Langourov 2001a.
***Gymnoptera vitripennis* (Meigen, 1830)** – V4; 940-1360 m; 2, 3; e; Langourov 2001a.
***Megaselia abdita* Schmitz, 1959** – V1; 550 m; 1; h; Langourov 2004a.
***Megaselia abernethae* Disney, 1988** – V4; 1360 m; 3; e; Langourov 2001a.
***Megaselia aculeata* (Schmitz, 1919)** – V4, RW; 450-2150 m; 1, 2, 3, 4, 5; e; Langourov 2001a, 2011.
***Megaselia aequalis* (Wood, 1909)** – V4, RW; 450-2150 m; 1, 2, 3, 4, 5; h; Langourov 2001a, 2011.
***Megaselia affinis* (Wood, 1909)** – V4; 940 m; 2; e; Langourov 2001a.
***Megaselia albicans* (Wood, 1908)** – V4; 1360 m; 3; e; Langourov 2001a.
***Megaselia albicaudata* (Wood, 1910)** – V4, RW; 390-1470 m; 1, 2, 3, 4; h; Langourov 2001a, 2011.
***Megaselia albiclava* Schmitz, 1926** – V4; 1350-1360 m; 3; e; Langourov 2001a.
***Megaselia albocingulata* (Strobl, 1906)** – V4; 940-1006 m; 2; e; Langourov 2001a; Langourov et al. 2014.
***Megaselia alticolella* (Wood, 1909)** – V4; 2108 m; 5; e; Langourov 2001a.
***Megaselia altifrons* (Wood, 1909)** – V1, V4, RW; 390-1550 m; 1, 2, 3, 4; h; Langourov 2001a, 2004a, 2011.
***Megaselia angusta* (Wood, 1909)** – V4, RW; 450-1120 m; 1, 2, 3; h; Langourov 2011; Langourov et al. 2014.
***Megaselia aquilonia* Schmitz, 1958** – V4; 1900 m; 4, 5; e; Langourov 2001a.
***Megaselia basispinata* (Lundbeck, 1920)** – V1, V4, RW, RE; 160-1900 m; 1, 2, 3, 4, ? 5; hn; Langourov 2001a, 2004a, 2004b, 2011.
***Megaselia beckeri* (Wood, 1909)** – V4; 1360-1620 m; 3, 4; h; Langourov 2001a.

***Megaselia berndseni* (Schmitz, 1919)** – V1, RW, RE; 390-1900 m; 1, 2, 3, 4; h; Disney 1991; Langourov 2001a, 2004b, 2011.
***Megaselia bovista* (Gimmerthal, 1848)** – V4; 1900 m; 4; eswa; Langourov 2001a.
***Megaselia brevicostalis* (Wood, 1910)** – B1, V4, RW, RE; 382-2150 m; 1, 2, 3, 4, 5; hn; Schmitz 1953; Langourov 2001a, 2004b, 2011.
***Megaselia brevior* (Schmitz, 1924)** – V4; 940-954 m; 2; e; Langourov 2001a; Langourov et al. 2014.
***Megaselia breviterga* (Lundbeck, 1920)** – V4, RW; 390-1118 m; 1, 2, 3; h; Langourov 2011; Langourov et al. 2014.
***Megaselia brunneipennis* Costa, 1857** – V4; 940-1360 m; 2, 3; e; Langourov 2001a.
***Megaselia campestris* (Wood, 1908)** – V4; 940-1360 m; 2, 3; e; Langourov 2001a.
***Megaselia ciliata* (Zetterstedt, 1848)** – V1, V4; 550-2150 m; 1, 2, 3, 4, 5; e; Langourov 2001a, 2004a.
***Megaselia cirriventris* Schmitz, 1929** – V4; 1350-1900 m; 3, 4, ? 5; h; Langourov 2001a.
***Megaselia coei* Schmitz, 1938** – V4; 1360-2000 m; 3, 4, 5; e; Langourov 2001a.
***Megaselia conformis* (Wood, 1909)** – V4; 1900 m; 5; e, ? aa; Langourov 2001a.
***Megaselia crassicosta* (Strobl, 1892)** – V4; 1040-2150 m; 3, 4, 5; e; Langourov 2001a.
***Megaselia crassipes* (Wood, 1909)** – V4; 1270 m; 3; h; Langourov 2001a.
***Megaselia curvicapilla* Schmitz, 1947** – V4, RW; 940-2150 m; 2, 3, 4, 5; eswa; Langourov 2001a, 2011.
***Megaselia dahli* (Becker, 1901)** – V4, RW; 940-1360 m; 2, 3; e; Langourov 2001a, 2011.
***Megaselia differens* Schmitz, 1948** – V4; 1900 m; 5; e; Langourov 2001a.
***Megaselia discreta* (Wood, 1909)** – V4; 1270 m; 3; e; Langourov 2001a.
***Megaselia diversa* (Wood, 1909)** – V4, O62, RW, RE; 260-2280 m; 1, 2, 3, 4, 5; eswa; Langourov 2001a, 2004b, 2011; Langourov & Sakalian 2001.
***Megaselia dubitalis* (Wood, 1908)** – V4; 1350-1360 m; 3; e; Langourov 2001a.
***Megaselia eccoptomera* Schmitz, 1927** – V4; 1550-1970 m; 4, 5; e; Langourov 2001a.
***Megaselia elongata* (Wood, 1914)** – V4; 1350 m; 3; eswa; Langourov 2001a.
***Megaselia emarginata* (Wood, 1908)** – V1, V4; 550-1350 m; 1, 2, 3; e; Langourov 2001a, 2004a.
***Megaselia errata* (Wood, 1912)** – V4; 820-1270 m; 2, 3; e; Langourov 2001a.
***Megaselia fenestralis* (Schmitz, 1919)** – V1; 550 m; 1; des; Langourov 2004a.
***Megaselia filamentosa* Schmitz, 1958** – RW; 450 m; 1; se, ? cse; Langourov 2011.
***Megaselia flava* (Fallen, 1823)** – V4, RW; 490-1400 m; 1, 2, 3; ho; Langourov 2001a, 2011.
***Megaselia flavicans* Schmitz, 1935** – V4, O62; 210-1360 m; 1, 2, 3; e; Langourov 2001a; Langourov & Sakalian 2001.
***Megaselia flavicoxa* (Zetterstedt, 1848)** – V4; 1270 m; 3; e; Langourov 2001a.
***Megaselia frameata* Schmitz, 1927** – V4; 1400 m; 3; e; Langourov 2001a.
***Megaselia frontalis* (Wood, 1909)** – V4; 940 m; 2; e; Langourov 2001a.
Megaselia fungivora (Wood, 1909) – V4; 1270 m; 3; h; Langourov 2001a.
***Megaselia fusca* (Wood, 1909)** – B1, V4, RE; 160-2150 m; 1, 2, 3, 4, 5; e; troglophile; Czerny 1930; Buresch 1936; Guéorguiev & Beron 1962; Langourov 2001a, 2001b, 2004b; Beron 2015.
***Megaselia fusciclava* Schmitz, 1935** – RW, RE; 160-1200 m; 1, 2, 3; e; Langourov 2004b, 2011.
***Megaselia fuscipalpis* (Lundbeck, 1920)** – V4; 1360 m; 3; e; Langourov 2001a.
***Megaselia fuscovariana* Schmitz, 1933** – V4; 820 m; 2; e; Langourov 2001a.
***Megaselia giraudii* (Egger, 1862)** – V1, V4, RW; 390-1900 m; 1, 2, 3, 4, 5; ho; Langourov 2001a, 2004a, 2011.
***Megaselia glabrifrons* (Wood, 1909)** – V4; 1350-1900 m; 3, 4, 5; h; Langourov 2001a.
***Megaselia gregaria* (Wood, 1910)** – V4; 940 m; 2; e; Langourov 2001a.
***Megaselia halterata* (Wood, 1910)** – B1, V1, V4, RE; 280-940 m; 1, 2; h; trogloxene; Langourov 2001a, 2001b, 2004a, 2004b; Beron 2015.
***Megaselia hirsuta* (Wood, 1910)** – V4; 940-1900 m; 2, 3, 4, 5; e; Langourov 2001a.
***Megaselia hirticaudata* (Wood, 1910)** – RE; 160 m; 1; e; Langourov 2004b.
***Megaselia hirtiventris* (Wood, 1909)** – V1, V4, RE; 160-1270 m; 1, 2, 3; e; Langourov 2001a, 2004a, 2004b.
***Megaselia horsfieldi* Disney, 1986** – V4; 1900 m; 4; e; Langourov 2001a.
***Megaselia humeralis* (Zetterstedt, 1838)** – RW; 1200 m; 3; e; Langourov 2011.
***Megaselia hyalipennis* (Wood, 1912)** – V4; 1550 m; 4; des; Langourov 2001a.
***Megaselia hypopygialis* (Lundbeck, 1920)** – V4; 1270 m; 3; e; Langourov 2001a.
***Megaselia infraposita* (Wood, 1909)** – RW; 390 m; 1; e; Langourov 2011.

***Megaselia intonsa* Schmitz, 1948** – V4; 1270-2200 m; 3, 4, 5; e, bm; Langourov 2001a.
***Megaselia involuta* (Wood, 1910)** – V4, O62, RW; 260-1550 m; 1, 2, 3, 4; e; Langourov 2001a, 2011; Langourov & Sakalian 2001.
***Megaselia largifrontalis* Schmitz, 1939** – V4; 900 m; 2; e; Langourov et al. 2014.
***Megaselia lata* (Wood, 1910)** – V1, RW; 390-2108 m; 1, 2, 3, 4, 5; e; Langourov 2001a, 2011.
***Megaselia latifemorata* (Becker, 1901)** – V4; 820-2150 m; 2, 3, 4, 5; des; Langourov 2001a.
***Megaselia latifrons* (Wood, 1910)** – V4, R1, RW; 390-1900 m; 1, 2, 3, 4, 5; eswa; Schmitz 1953; Schmitz & Delage 1974; Disney 1991; Langourov 2001a, 2011.
***Megaselia longicostalis* (Wood, 1912)** – P3, B2, RW, RE; 160-600 m; 1; eswa; trogloxene; Langourov 2001b, 2004b, 2004c, 2011; Beron 2015.
***Megaselia longiseta* (Wood, 1909)** – V4; 1600 m; 4; e; Langourov 2001a.
***Megaselia lucifrons* (Schmitz, 1918)** – V1, RW; 1360-1620 m; 3, 4; e, ? bm; Langourov 2001a, 2011.
***Megaselia lutea* (Meigen, 1830)** – V4, RW; 390-1850 m; 1, 2, 3, 4; h; Langourov 2001a, 2011.
***Megaselia mallochi* (Wood, 1909)** – V4, RW; 1270-2150 m; 3, 4, 5; e; Langourov 2001a, 2011.
***Megaselia manicata* (Wood, 1910)** – V4; 1360 m; 3; e, ? m; Langourov 2001a.
***Megaselia meconicera* (Speiser, 1925)** – V4, RW, RE; 160-1550 m; 1, 2, 3, 4; h; Langourov 2001a, 2004b, 2011.
***Megaselia melanocephala* (von Roser, 1840)** – V4; 940 m; 2; dp; Langourov 2001a.
***Megaselia nigra* (Meigen, 1830)** – ♠;●; h; Disney 1991.
***Megaselia nigriceps* (Loew, 1866)** – V4; 1260-1830 m; 3, 4, 5; h; Schmitz 1957; Disney 1991; Langourov 2001a, 2004c.
***Megaselia nigripalpis* (Lundbeck, 1920)** – V4; 1260-1900 m; 3, 4, 5; e; Langourov 2001a.
***Megaselia obscuripennis* (Wood, 1909)** – V4; 1150-1850 m; 3, 4; e; Langourov 2001a.
***Megaselia oxybelorum* Schmitz, 1928** – V4; 1340-1900 m; 3, 4, 5; hom, ? mm; Langourov 2001a.
***Megaselia parva* (Wood, 1909)** – RW; 1470 m; 3; e; Langourov 2011.
***Megaselia palmeni* (Becker, 1901)** – V4; 1550-2041 m; 4, 5; e; Langourov 2001a.
***Megaselia pectinifera* Schmitz, 1926** – V4; 1900 m; 4, 5; csee; Langourov 2001a.
***Megaselia pectoralis* (Wood, 1910)** – V1, V4, RW; 550-2150 m; 1, 2, 3, 4, 5; e; Langourov 2001a, 2004a, 2004c, 2011.
***Megaselia pectorella* Schmitz, 1929** – V4; 1550 m; 4; e; Langourov 2001a.
***Megaselia perfusca* Schmitz, 1935** – V4; 1550-2150 m; 4, 5; e, ? csee; Langourov 2001a.
***Megaselia perdistans* (Schmitz, 1924)** – RW; 390 m; 1; e; Langourov 2011.
***Megaselia pleuralis* (Wood, 1909)** – P1, B1, B2, V1, V4, T3, T31, RW, RE; 160-1926 m; 1, 2, 3, 4, 5; h; trogloxene; Czerny 1930; Buresch 1936; Guéorguiev & Beron 1962; Disney 1991; Langourov 2001a, 2001b, 2004a, 2004b, 2004c, 2011; Langourov et al. 2014; Beron 2015.
***Megaselia plurispinulosa* (Zetterstedt, 1860)** – V1, V4; 550-1240 m; 1, 2, 3; des; Langourov 2001a, 2004a.
***Megaselia posticata* (Strobl, 1898)** – V4; 820-992 m; 2; e; Langourov 2001a; Langourov et al. 2014.
***Megaselia producta* (Schmitz, 1921)** – V4, RW, RE; 160-2150 m; 1, 2, 3, 4, 5; e, ? aa; Langourov 2001a, 2004b, 2011.
***Megaselia propinqua* (Wood, 1909)** – V4; 1360-2150 m; 3, 4, 5; e; Langourov 2001a.
***Megaselia protarsalis* Schmitz, 1927** – V4; 1360-1470 m; 3; e; Langourov 2001a.
***Megaselia pseudogiraudii* (Schmitz, 1920)** – V4; 1240-1270 m; 3; e; Langourov 2001a.
***Megaselia pulicaria* (Fallén, 1823)** [? *M. angusta* (Wood, 1909)] – V4; 1140 m; 3; h; Langourov 2001a.
***Megaselia pumila* (Meigen, 1830)** – V4, O62, RW; 210-1950 m; 1, 2, 3, 4, 5; ena; Langourov 2001a, 2004c, 2011; Langourov & Sakalian 2001.
***Megaselia pusilla* (Meigen, 1830)** – V4, O62, RW, RE; 260-2150 m; 1, 2, 3, 4, 5; h; Langourov 2001a, 2004b, 2011; Langourov & Sakalian 2001; Langourov et al. 2014.
***Megaselia pygmaea* (Zetterstedt, 1848)** – V4; 1130-1270 m; 3; e; Langourov 2001a.
***Megaselia quadriseta* (Schmitz, 1918)** – TL; 210 m; 1; e; Georgiev & Langurov 1997.
***Megaselia robusta* Schmitz, 1928** – V4; 1900 m; 4, 5; h, bm; Langourov 2001a.
***Megaselia rubella* (Schmitz, 1920)** – V4, RW; 390-1400 m; 1, 2, 3; e; Langourov 2001a, 2011.
***Megaselia ruficornis* (Meigen, 1830)** – V4, RW; 390-1270 m; 1, 2, 3; h; Langourov 2001a, 2011; Langourov et al. 2014.

***Megaselia rufipes* (Meigen, 1804)** [*Aphiochaeta heracleellae* (Bouché, 1834); *Phora incrassata*] – DW, P1, B2, V1, V3, V4, T31, RW, RE, BN; 30-1350 m; 1, 2, 3; sk, ? k; trogloxene; Nedelkov 1912; Langourov 2001a, 2001b, 2004a, 2004b, 2011; Beron 2015.
***Megaselia rupestris* Schmitz, 1934** – V4; 1270 m; 3; ? cse, ? e; Langourov 2001a.
***Megaselia scalaris* (Loew, 1866)** – V1, V4; 550-900 m; 1, 2; k; Langourov 2001a, 2004a.
***Megaselia scutellaris* (Wood, 1909)** [*M. scutellariformis* (Schmitz, 1926)] – V4, RW, RE; 160-2150 m; 1, 2, 3, 4, 5; e; Schmitz 1953; Langourov 2001a, 2004b, 2011.
***Megaselia sepulchralis* (Lundbeck, 1920)** – V4; 1550 m; 4; e; Langourov 2001a.
***Megaselia sericata* Schmitz, 1935** – V4; 1360 m; 3; csee; Langourov 2001a.
***Megaselia setulipalpis* Schmitz, 1938** – V4; 1270 m; 3; e; Langourov 2001a.
***Megaselia simplex* (Wood, 1910)** – V4; 1200 m; 3; e; Langourov 2001a.
***Megaselia simulans* (Wood, 1912)** – V4, RW; 1360-1400 m; 3; des; Langourov 2001a, 2011.
***Megaselia sordida* (Zetterstedt, 1838)** – V4; RW; 1620-2226 m; 4, 5; h; Langourov 2001a, 2011.
***Megaselia spinata* (Wood, 1910)** – V4; 1360 m; 3; e; Langourov 2001a.
***Megaselia spinigera* (Wood, 1908)** – V4; 820-1900 m; 2, 3, 4, 5; e, bm; Langourov 2001a.
***Megaselia stichata* (Lundbeck, 1920)** – V1, V4; 550-1270 m; 1, 2, 3; eswa; Langourov 2001a, 2004a, 2004c.
***Megaselia striolata* Schmitz, 1940** – RW; 1350 m; 3, 4; e; Langourov 2011.
***Megaselia styloprocta* (Schmitz, 1921)** – V4; 1200-1360 m; 3; e; Langourov 2001a.
***Megaselia subconvexa* (Lundbeck, 1920)** – V4; 940-1360 m; 2, 3; e; Langourov 2001a.
***Megaselia subfuscipes* Schmitz, 1935** [*M. capronata* Schmitz, 1940] – V4, RW; 390-1550 m; 1, 2, 3, 4; eswa; Langourov 2001a, 2011.
***Megaselia subnudipennis* (Schmitz, 1919)** – RW; 1470 m; 3; e; Langourov 2011.
***Megaselia subpleuralis* (Wood, 1909)** – V4; 1270-1550 m; 3, 4; h; Langourov 2001a.
***Megaselia subtumida* (Wood, 1909)** – V4, RW; 657-1400 m; 1, 2, 3; e; Langourov 2001a, 2011; Langourov et al. 2014.
***Megaselia superciliata* (Wood, 1910)** – RW; 1200-1926 m; 3, 4; eswa; Langourov 2011.
***Megaselia sylvatica* (Wood, 1910)** – V4; 1350-1360 m; 3; e; Langourov 2001a.
***Megaselia tama* (Schmitz, 1926)** – V4; 820-940 m; 2; e; Langourov 2001a.
***Megaselia tarsalis* (Wood, 1910)** – V4; 820-2150 m; 2, 3, 4, 5; e; Langourov 2001a.
***Megaselia tarsella* (Lundbeck, 1921)** – V1, V4; 550-2150 m; 1, 2, 3, 4, 5; e; Langourov 2001a, 2004a.
***Megaselia tarsicia* Schmitz, 1926** – V4; 1270-2108 m; 3, 4, 5; e, ? bm; Langourov 2001a.
***Megaselia tenebricola* Schmitz, 1934** – P1, V4; 195-1120 m; 1, 2, 3; e; troglophile; Langourov 2001a, 2001b; Beron 2015.
***Megaselia tergata* (Lundbeck, 1920)** – V1; 550 m; 1; e; Langourov 2004a.
***Megaselia trichorrhoea* (Schmitz, 1921)** [*M. smirnovi* Naumov, 1979] – V4; 1360 m; 3; e; Langourov 2001a.
***Megaselia tumida* (Wood, 1909)** – V4; 1270 m; 3; ena; Langourov 2001a.
***Megaselia uliginosa* (Wood, 1909)** – V4; 1270 m; 3; e; Langourov 2001a.
***Megaselia unicolor* (Schmitz, 1919)** – V4, RE; 160-2150 m; 1, 2, 3, 4, 5; des, ? bm; Langourov 2001a, 2004b.
***Megaselia variana* Schmitz, 1926** – V4; 1270-1350 m; 3; e; Langourov 2001a.
***Megaselia verna* Schmitz, 1932** – V4, O62; 260-1900 m; 1, 2, 3, 4; e; Langourov 2001a; Langourov & Sakalian 2001.
***Megaselia vernalis* (Wood, 1909)** – V4, RE; 160-2150 m; 1, 2, 3, 4, 5; e; Langourov 2001a, 2004b.
***Megaselia verralli* (Wood, 1910)** – V4, RE; 410-940 m; 1, 2; eswa; Langourov 2001a, 2004b.
***Megaselia vestita* (Wood, 1914)** – V4, RW; 1200-1470 m; 3; e; Langourov 2001a, 2011.
***Megaselia woodi* (Lundbeck, 1922)** – V4; 1240-2150 m; 3, 4, 5; e, bm; Langourov 2001a.
***Megaselia xanthozona* (Strobl, 1892)** – V4, RW; 820-1926 m; 2, 3, 4, 5; ena; Langourov 2001a, 2011.
***Menozziola schmitzi* (Menozzi, 1921)** – V4; 1350 m; 3; e; Langourov 2001a.
***Metopina braueri* (Strobl, 1880)** – V4; 940 m; 2; e; Langourov 2001a.
***Metopina crassinervis* Schmitz, 1920** – V4; 940 m; 2; e; Langourov 2001a.
***Metopina galeata* (Haliday, 1833)** – V4; 940-1006 m; 2; e; Langourov 2001a; Langourov et al. 2014.
***Metopina heselhausi* Schmitz, 1914** – V4; 940-1900 m; 2, 3, 4, 5; e; Langourov 2001a.
***Metopina oligoneura* (Mik, 1867)** – V4; 940-2020 m; 2, 3, 4, 5; e; Langourov 2001a.
***Metopina perpusilla* (Six, 1878)** – V4; 870-940 m; 2; e; Langourov 2001a.
***Metopina pileata* Schmitz, 1936** – V4; 850-1360 m; 2, 3; ena; Langourov 2001a.

***Metopina ulrichi* Disney, 1979** – V4; 940 m; 2; e; Langourov 2001a.
***Phalacrotophora berolinensis* Schmitz, 1920** – V1; 550 m; 1; e; Langourov 2004a.
***Phalacrotophora fasciata* (Fallen, 1823)** – V1, V4; 550-940 m; 1, 2; dp; Langourov 2001a, 2004a.
***Phalacrotophora pictofasciata* Schmitz, 1919** – V1; 550 m; 1; see; Langourov 2004a.
***Obscuriphora sheppardi* Disney, 1986** – RW; 1000 m; 2, 3; e; Langourov 2011.
***Phora atra* (Meigen, 1804)** – V1, V4, RE; 120-1090 m; 1, 2, 3; h; Langourov 2001a, 2004a, 2004b.
***Phora dubia* (Zetterstedt, 1848)** – V1; 820-2100 m; 2, 3, 4, 5; dp, ? des; Langourov 2001a.
***Phora edentata* Schmitz, 1920** – V1, V4, RE; 300-940 m; 1, 2; dp; Langourov 2001a, 2004a, 2004b.
***Phora hamata* Schmitz, 1927** – V4, RE; 300-1270 m; 1, 2, 3; e; Langourov 2001a, 2004b.
***Phora holosericea* Schmitz, 1920** – V1, V4, RW; 550-1400 m; 1, 2, 3; h; Langourov 2001a, 2004a, 2011.
***Phora horrida* Schmitz, 1920** – V4; 1900 m; 4, 5; csee, ? e; Langourov 2001a.
***Phora penicillata* Schmitz, 1920** – V4, RW; 1200-2050 m; 3, 4, 5; e; Langourov 2001a, 2011.
***Phora pubipes* Schmitz, 1920** – V4; 1200-1850 m; 3, 4; po; Langourov 2001a.
***Phora stictica* Meigen, 1830** – V4, RW; 1200-2000 m; 3, 4, 5; hn; Langourov 2001a, 2011.
***Phora tincta* Schmitz, 1920** – V4, RW; 820-1750 m; 2, 3, 4; e; Langourov 2001a, 2011.
***Plectanocnema nudipes* (Becker, 1901)** – V4; 940 m; 2; h; Langourov 2001a.
***Pseudacteon fennicus* Schmitz, 1927** – RW; 390 m; 1; e; Langourov 2011.
***Spiniphora bergenstammi* (Mik, 1864)** – V1, V4; 550-940 m; 1, 2; hna; Beschovski & Langourov 1997; Langourov 2001a, 2004a.
***Spiniphora dorsalis* (Becker, 1901)** – V4; 1360-1850 m; 3, 4; e; Langourov 2001a.
***Spiniphora jugorum* (Schmitz, 1924)** – V4; 1550-2173 m; 4, 5; cse; Langourov 2001a.
***Spiniphora maculata* (Meigen, 1830)** – V4, RE; 200-2150 m; 1, 2, 3, 4, 5; e; Langourov 2001a, 2004b.
***Triphleba antricola* (Schmitz, 1918)** – DW, E1, P1, P2, B1, B2, B3, V4, T3, T31, O1, R2, RW, RE; 100-1650 m; 1, 2, 3, 4; e; troglophile; Hazelton 1970; Langourov 2001a, 2001b, 2004b, 2011; Beron et al. 2004, 2011; Langourov et al. 2014; Beron 2015.
***Triphleba aptina* (Schiner, 1853)** – B1; 818 m; 2; cse; troglophile; Langourov 2001b; Beron 2015.
***Triphleba autumnalis* (Becker, 1901)** – V4, RE; 160-1550 m; 1, 2, 3, 4; e; Beschovski & Langourov 1997; Langourov 2001a, 2004b.
***Triphleba bicornuta* (Strobl, 1910)** – V4, R1; 940-2200 m; 2, 3, 4, 5; e, bm; Beschovski & Langourov 1997; Langourov 2001a.
***Triphleba citreiformis* (Becker, 1901)** – V4; 1350 m; 3; e; Langourov 2001a.
***Triphleba distinguenda* (Strobl, 1892)** – V1, V4, RW; 550-1650 m; 1, 2, 3, 4; des; Beschovski & Langourov 1997; Langourov 2001a, 2004a, 2011; Langourov et al. 2014.
***Triphleba dudai* (Schmitz, 1918)** – V4; 1080-1360 m; 2, 3; csee, ? e; Beschovski & Langourov 1997; Langourov 2001a.
***Triphleba gracilis* (Wood, 1907)** – V4; 820-1750 m; 2, 3, 4; e; Beschovski & Langourov 1997; Langourov 2001a.
***Triphleba hyalinata* (Meigen, 1830)** – B2, V1, V4, RE; 75-1270 m; 1, 2, 3; e; Langourov 2001a, 2001b, 2004a, 2004b; Langourov et al. 2014.
***Triphleba hypopygialis* (Schmitz, 1918)** – V4; 1550-1900 m; 4, 5; e, ? cse; Langourov 2001a.
***Triphleba inaequalis* Schmitz, 1943** – V4; 900-1270 m; 2, 3; e; Langourov 2001a; Langourov et al. 2014.
***Triphleba intermedia* (Malloch, 1908)** – V4, RW, RE; 160-2200 m; 1, 2, 3, 4, 5; e; Langourov 2001a, 2004b, 2011.
***Triphleba longifurcata* (Schmitz, 1922)** – V4; 1360 m; 3; csee; Langourov 2001a.
***Triphleba lugubris* (Meigen, 1830)** – V4; 940-1270 m; 2, 3; ho; Langourov 2001a.
***Triphleba nudipalpis* (Becker, 1901)** – V4, O62; 200-940 m; 1, 2; des; Langourov 2001a; Langourov & Sakalian 2001.
***Triphleba opaca* (Meigen, 1830)** – V1, V4; 550-2280 m; 1, 2, 3, 4, 5; des, ? bm; Nedelkov 1912; Beschovski & Langourov 1997; Langourov 2001a.
***Triphleba pachyneurella* (Schmitz, 1919)** – V4; 1650-2280 m; 4, 5; e; Langourov 2001a.
***Triphleba papillata* (Wingate, 1906)** – V4, RE; 200-1650 m; 1, 2, 3, 4; e; Langourov 2001a, 2004b; Langourov et al. 2014.
***Triphleba trinervis* (Becker, 1901)** [*T. opaca* (Meigen, 1830)] – V1, V4, RE; 160-2150 m; 1, 2, 3, 4, 5; h; Beschovski & Langourov 1997; Langourov 2001a, 2004a, 2004b.
***Triphleba tumidula* (Schmitz, 1918)** – V4, RE; 160-1200 m; 1, 2, 3; e; Langourov 2001a, 2004b.

***Triphleba vitrea* (Wood, 1906)** – V4; 1930 m; 4, 5; e; Langourov 2001a.
***Triphleba withersi* Disney, 1994** – V4; 820-940 m; 2; se; Langourov 2001a.
***Tubicera lichtwardti* Schmitz, 1920** – V4; 1240 m; 3; se, ? cse; Langourov 2001a.

Pipunculidae (Dorylaidae)

***Verrallia aucta* (Fallén, 1817)** – O62, R2; 200-600 m; 1; h; Lauterer 1983.
***Pipunculus campestris* Latreille, 1802** [*P. ater* Meigen, 1824] – V4, R1; 770-1000 m; 2; ho; Bankowska 1967a.
***Pipunculus spinipes* Meigen, 1830** – RW; 390-400 m; 1; wes; Bankowska 1967a; Beschovski 2006a.
***Pipunculus thomsoni* Becker, 1897** – V1, V4, S1; 300-800 m; 1, 2; e; Nedelkov 1910, 1912; Bankowska 1967a.
***Cephalosphaera* (*Cephalosphaera*) *furcata* (Egger, 1860)** [*Pipunculus*] – V4; 800 m; 2; tp; Bankowska 1967a; Tanasijtshuk 1988.
***Cephalops* (*Cephalops*) *aeneus* Fallen, 1810** [*C. pratorum* Fallén, 1816; *Pipunculus*] – V1, V4, S1; 300-900 m; 1, 2; tp; Nedelkov 1910, 1912; Bankowska 1967a.
***Dasydorylas horridus* (Becker, 1897)** [*Eudorylas*, *Dorylas*] – R2, BN; 0-300 m; 1; e; Beschovski 1972a; Lauterer 1983.
***Eudorylas fuscipes* (Zetterstedt, 1844)** – ♠; e; Beschovski & Manassieva 1995.
***Eudorylas fusculus* (Zetterstedt, 1844)** – R2; 1500 m; 4; e; Lauterer 1983.
***Eudorylas jenkinsoni* Coe, 1966** – R1; 2729 m; 6; dp; Lauterer 1983.
***Eudorylas pannonicus* (Becker, 1897)** – DW; 240 m; 1; e; Beschovski & Manassieva 1995.
***Eudorylas ruralis* (Meigen, 1824)** – E2, S1, R2, BS; 0-1750 m; 1, 2, 3, 4; wp, ? ena; Lauterer 1983; Beschovski & Manassieva 1995.
***Eudorylas subterminalis* Collin, 1956** – R2; 300-1400 m; 1, 2, 3; ? e; Lauterer 1983.
***Eudorylas terminalis* (Thomson, 1870)** – R2; 1250-1430 m; 3; e; Lauterer 1983.
***Eudorylas unicolor* (Zetterstedt, 1844)** [*Dorylus*] – BN; 0-5 m; 1; e; Beschovski 1972a.
***Eudorylas zonatus* (Zetterstedt, 1849)** [*Pipunculus*] – O62; 100-250 m; 1; e; Bankowska 1967a; Lauterer 1983; Tanasijtshuk 1988.
***Eudorylas zonellus* Collin, 1956** – R2; 400-950 m; 1, 2; e; Lauterer 1983.
***Dorylomorpha* (*Dorylomorpha*) *confusa* (Verrall, 1901)** – R2; 1250-1900 m; 3, 4; dp; Lauterer 1983.
***Dorylomorpha* (*Dorylomyza*) *haemorrhoidalis* (Zetterstedt, 1838)** [*Dorylas*] – BN; 0-5 m; 1; des; Beschovski 1972a.
***Dorylomorpha* (*Dorylomyia*) *incognita* (Verrall, 1901)** – R2; 930-2000 m; 2, 3, 4; tes, ? des; Lauterer 1983; Tanasijtshuk 1988.
***Tomosvaryella cilifemorata* (Becker, 1907)** – O62, R2; 200-600 m; 1; ena; Lauterer 1983.
***Tomosvaryella coquilletti* (Kertesz, 1907)** – DM, P1, V4, V5, S1, TL, O4, O61, O62, R2, BN; 0-1900 m; 1, 2, 3, 4; ho; Lauterer 1983; Tanasijtshuk 1988; Beschovski & Manassieva 1995.
***Tomosvaryella geniculata* (Meigen, 1824)** [*Pipunculus nigritula* Zetterstedt, 1844] – V1, V4, R1, R2; 300-1475 m; 1, 2, 3, 4; ena, ? wp; Nedelkov 1910, 1012; Lauterer 1983.
***Tomosvaryella kuthyi* Aczel, 1944** – TL, R2; 120-950 m; 1, 2; ean; Lauterer 1983.
***Tomosvaryella minima* (Becker, 1897)** – S1; 650-700 m; 1, 2; eanna, ? wp; Beschovski & Manassieva 1995.
***Tomosvaryella mutata* (Becker, 1897)** – R2; 600-650 m; 1; hom; Beschovski & Manassieva 1995.
***Tomosvaryella sylvatica* (Meigen, 1824)** – DM, V4, S1, R2; 250-2350 m; 1, 2, 3, 4, 5; ho; Bankowska 1967a; Lauterer 1983; Beschovski & Manassieva 1995.

Syrphidae (Microdontidae)

***Dasysyrphus albostriatus* (Fallén, 1817)** [*Syrphus albostriatus* var. *confusus* Egger, 1860] – E2, V1, V4, R1, RW, BN; 0-1400m; 1, 2, 3; tp; Nedelkov 1912; Drensky 1934a, 1942, 1955; Bankowska 1967b; Beschovski 2006a; Markova 2006.
***Dasysyrphus friuliensis* (van der Goot, 1960)** [*Dasysyrphus venustus* var. *friuliensis* (van der Goot, 1960)] – V4; ♠; hoes; Bankowska 1967b; Peck 1988.
***Dasysyrphus tricinctus* (Fallén, 1817)** [Syrphus] – O62; 250-300 m; 1; tp; Drensky 1934a.

***Dasysyrphus venustus* (Meigen, 1822)** [*Syrphus arcuatus* (Fallén, 1817); *S. lunulatus* Meigen, 1822] – B1, K6, V1, V4, R1, R2, RW; 260-2000 m; 1, 2, 3, 4; h; Nedelkov 1912; Drensky 1934a; Szilády 1934; Bankowska 1967b; Markova 1997, 2006; Beschovski 2006a.

***Didea alneti* (Fallén, 1817)** – R1, RW; 2076-2925 m; 5, 6; h; Drensky 1934a; Beschovski 2006a; Markova 2006.

***Didea fasciata* Macquart, 1834** – RW; 2076 m; 4, 5; po; Drensky 1934a; Beschovski 2006a; Markova 2006.

***Doros profuges* (Harris, 1780)** [*D. conopseus* (Fabricius, 1775); *D. destillatorius* Mik, 1885] – R1, BS; 0-1400 m; 1, 2, 3; hoes, ? tp; Drensky 1934a; Markova 2011.

***Epistrophe diaphana* (Zetterstedt, 1843)** – R1; 1200-1400; 3; esca; Drensky 1934a.

***Epistrophe eligans* (Harris, 1780)** [*E. bifasciata* (Fabricius, 1794); *Syrphus*] – V1, R1, R2; 550-1400 m; 1, 2, 3; et; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Epistrophe grossulariae* (Meigen, 1822)** [*Syrphus*] – B1, K9, V1, R1; 350-1100 m; 1, 2, 3; h; Nedelkov 1912; Drensky 1934a; Szilády 1934; Markova 1998.

***Epistrophe melanostoma* (Zetterstedt, 1843)** [*Syrphus*] – B1, V1, RW; 350-600 m; 1, 2; tp, ? hoes; Nedelkov 1912; Drensky 1934a; Peck 1988; Beschovski 2006a; Markova 2006.

***Epistrophe nitidicollis* (Meigen, 1822)** [*Syrphus*] – DM, P2, B1, K4, V1, R1; 100-1400 m; 1, 2, 3; h; Nedelkov 1912; Drensky 1934a; Markova 1994a, 1994c.

***Epistrophe ochrostoma* (Zetterstedt, 1849)** [*Syrphus*] – V1, V4, O62; 250-1100 m; 1, 2, 3; hoes, ? h; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 1998.

***Epistrophella euchroma* (Kowarz, 1885)** [*Epistrophe*] – R1; 1500-1550 m; 3, 4; hoes; Drensky 1934a.

***Episyrphus balteatus* (De Geer, 1776)** [*Syrphus*, *Epistrophe*] – ♦; DW, DM, E2, P2, B1, B2, K2, K6, K9, V1, V4, S1, TL, T31, R1, O62, RW, RE, BS; 0-1350 m; 1, 2, 3; poa; Joakimoff 1899; Nedelkov 1912; Drensky 1928, 1934a; Bankowska 1967b; Kontev et al. 1991; Markova & Tsonev 1993; Markova 1994a, 1994b, 1997, 1998, 1998a, 2003, 2006, 2011; Markova & Dimcheva 1998; Markova & Alexiev 2000.

***Eriozona syrphoides* (Fallén, 1817)** – RW; 1400-1600 m; 3, 4; tp; Drensky 1934a; Beschovski 2006a; Markova 2006.

***Leucozona glaucia* (Linnaeus, 1758)** [*Ischyrosyrphus*] – V1; 550-600 m; 1, 2; tp; Drensky 1934a.

***Leucozona laternaria* (Muller, 1776)** [*Ischyrosyrphus*] – V1; 550-600 m; 1, 2; tp; Drensky 1934a.

***Leucozona lucorum* (Linnaeus, 1758)** – R1; 1500-2300 m; 3, 4, 5; h; Drensky 1934a.

***Eriozona erratica* (Linnaeus, 1758)** – [*Megasyrphus annulipes* (Zetterstedt, 1838); *Syrphus*] – B1; 260-380 m; 1; tp; Drensky 1934a.

***Melangyna barbifrons* (Fallén, 1817)** [*Epistrophe*] – V1; 550-600 m; 1, 2; hoes; Drensky 1934a.

***Melangyna compositarum* (Verrall, 1873)** – S1; 800-850 m; 2; h; Markova & Tsonev 1993.

***Melangyna lasiophthalma* (Zetterstedt, 1843)** [*Epistrophe*, *Syrphus*] – O62, R1, R3; 280-1800 m; 1, 2, 3, 4; h; Drenowsky 1936, 1939; Drensky 1939a; Bankowska 1967b; Peck 1988.

***Melangyna quadrimaculata* Verrall, 1873** – B1, V1; 700-720 m; 2; des; Drensky 1934a.

***Melangyna umbellatarum* (Fabricius, 1794)** [*Epistrophe*] – BN; 0-5 m; 1; h; Drensky 1934a; Peck 1988.

***Meligramma cincta* (Fallen, 1817)** [*Epistrophe*, *Syrphus*] – B3, V4, RW; 270-1000 m; 1, 2; dp; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Markova 2006.

***Meligramma guttata* (Fallen, 1817)** [*Epistrophe*] – R1; 1200-1400 m; 3; h; Drensky 1934a.

***Meligramma triangulifera* (Zetterstedt, 1843)** [*Epistrophe*] – S1, R1; 400-1400 m; 1, 2, 3; h; Drensky 1934a; Markova 2003.

***Meliscaeva auricollis* (Meigen, 1822)** [*Epistrophe*, *Syrphus*] – E2, B2, V1, V4, T31, O62, R1, R3, RW, BS; 0-1500 m; 1, 2, 3, 4; wp; Nedelkov 1912; Drensky 1934a; Drenowsky 1936; Bankowska 1967b; Kontev et al. 1991; Markova & Alexiev 2000; Beschovski 2006a; Markova 2006, 2011.

***Meliscaeva cinctella* (Zetterstedt, 1843)** [*Syrphus*] – R1, R2; 1170-1200 m; 3; ho; Bankowska 1967b.

***Eupeodes corollae* (Fabricius, 1794)** [*Metasyrphus*, *Syrphus*] – DM, E2, P2, B1, B2, K4, K6, K9, V1, V3, V4, S1, TL, T2, T31, O61, O62, R1, R2, RW, BN, BS; 0-1800 m; 1, 2, 3, 4; ppta; Nedelkov 1912; Drensky 1928, 1934a, 1942, 1955; Bankowska 1967b; Kontev et al. 1991; Markova & Tsonev 1993; Markova 1994a, 1994b, 1994c 1997, 1998, 1998a, 2003, 2006, 2011; Markova & Dimcheva 1998; Markova & Alexiev 2000; Beschovski 2006a;

***Eupeodes flaviceps* (Rondani, 1857)** [*Syrphus braueri* Egger, 1858; *Metasyrphus*] – B1; 260-270 m; 1; west; Drensky 1934a.

***Eupeodes lapponicus* (Zetterstedt, 1838)** [*Metasyrphus*, *Syrphus*] – V4, T31, R1, R2, BS; 0-1400 m; 1, 2, 3; h; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 2011.

***Eupeodes latifasciatus* (Macquart, 1829)** [*Metasyrphus*, *Syrphus*] – DM, E1, P2, K6, V1, V4, S1, T31, R1, BS; 0-1400 m; 1, 2, 3; ho; Nedelkov 1912; Drensky 1934a; Szilády 1934; Markova 1994a, 1994b, 1994c 1997, 2003, 2011; Markova & Alexiev 2000.

***Eupeodes luniger* (Meigen, 1822)** [*Syrphus bucculatus* Rondan, 1857; *Metasyrphus*] – B2, V1, V4, S22, R1, R2, R3, RW, BS; 0-1450 m; 1, 2, 3, 4; ho; Nedelkov 1912; Drensky 1934a; Drenowsky 1936; Bankowska 1967b; Markova & Tsonev 1993; Markova 1994a, 1994b, 1997, 1998, 2003, 2006; Beschovski 2006a.

***Eupeodes nitens* (Zetterstedt, 1843)** [*Syrphus*] – V4, T31, R1, R2, RW, BS; 0-1500 m; 1, 2, 3; tp; Drensky 1934a; Tschorbadjiew 1939b; Bankowska 1967b; Markova2006, 2011.

***Parasyrphus annulatus* (Zetterstedt, 1838)** [*Epistrophe*] – BN; 0-15 m; 1; tp; Drensky 1934a.

***Parasyrphus lineolus* (Zetterstedt, 1843)** [*Syrphus*, *Epistrophe*] – V4, R1, R2; 1200-1800 m; 3, 4; h; Bankowska 1967b; Peck 1988.

***Parasyrphus macularis* (Zetterstedt, 1843)** – V1; 550-600 m; 1, 2; h; Drensky 1934a.

***Parasyrphus malinellus* (Collin, 1952)** [*Syrphus*] – V4, R1, R2; 1500-1800 m; 3, 4; des; Bankowska 1967b; Peck 1988.

***Parasyrphus nigritarsis* (Zetterstedt, 1843)** – S1; 450-500 m; 1; h; Markova 2003.

***Parasyrphus tarsatus* (Zetterstedt, 1838)** [*Epistrophe*] – V1; 550-600 m, 1, 2; h; Drensky 1934a.

***Parasyrphus vittiger* (Zetterstedt, 1843)** [*Epistrophe lineola vitigera* (Zetterstedt, 1843)] – S1, R1; 450-1400 m; 1, 2, 3, 4; tes; Szilády 1934; Markova 2003.

***Scaeva albomaculata* (Macquart, 1842)** [*Lasiopthicus*] – BS; 0-20 m; 1; wpo; Drensky 1934a; Markova 2011.

***Scaeva pyrastri* (Linnaeus, 1758)** [*Lasiopthicus*] – E2, P1, B1, B3, V1, V4, S1, T31, R1, R2, R3, RW, RE, BS; 0-1500 m; 1, 2, 3, 4; ho; Meunier 1897; Nedelkov 1912; Drensky 1934a; Szilády 1934; Drenowsky 1936; Bankowska 1967b; Peck 1988; Kontev et al. 1991; Markova & Tsonev 1993; Markova & Dimcheva 1998; Markova 1998a, 2003, 2006, 2011; Markova & Alexiev 2000; Beschovski 2006a.

***Scaeva selenitica* (Meigen, 1822)** [*Lasiopthicus*, *Syrphus*] – ♦; DM, P2, B1, V1, V4, S1, TL, T31, RW, BS; 0-1300 m; 1, 2, 3; ho, ? po; Löw 1862; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 1998a, 2003, 2006, 2011; Markova & Alexiev 2000; Beschovski 2006a.

***Sphaerophoria interrupta* (Fabricius, 1805)** [*S. menthastri* (Linnaeus, 1758); *S. picta* (Meigen, 1824)] – DM, P1, P2, K6, V1, R1, RW, RE; 30-1400 m; 1, 2, 3; hop; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Markova 1994a, 1994b, 2006.

***Sphaerophoria philantha* (Meigen, 1822)** [*S. dubia* Zettersdedt, 1849] – DM, P2, K6, V1, V4, S1, T2, T31, R1, BS; 0-1000 m; 1, 2; h; Bankowska 1967b; Peck 1988; Markova 1994a, 1994b, 1994c, 1997, 1998, 2011; Markova & Alexiev 2000.

***Sphaerophoria rueppelli* (Wiedemann, 1830)** [*S. flavicauda* var. *nitidicollis* Zettersdedt, 1849; *S. flavicauda* Zettersdedt, 1843] – DM, P2, B3, K6, K9, V1, S1, T2, T31, O62, R3, RW, RE, BN, BS; 0-1500 m; 1, 2, 3, 4; hop; Nedelkov 1912; Drensky 1934a; Drenowsky 1936; Bankowska 1964, 1967b; Peck 1988; Markova & Tsonev 1993; Markova 1994a, 1994b, 1994c, 1997, 1998, 2003, 2006, 2011; Markova & Dimcheva 1998; Markova & Alexiev 2000.

***Sphaerophoria scripta* (Linnaeus, 1758)** [*S. dispar* (Loew, 1840); *S. strigata* Staeger, 1845; *Melithreptus*] – ♦; DM, E2, P2, B1, B2, B3, K2, K6, K9, V1, V4, S1, S21, S22, TL, T2, T31, R1, R2, R3, RW, RE, BN, BS; 0-1900 m; 1, 2, 3, 4; ho; Joakimoff 1899; Nedelkov 1909, 1912; Drensky 1934a 1942, 1955; Szilády 1934; Drenowsky 1936; Bankowska 1964, 1967b; Peck 1988; Kontev et al. 1991; Markova & Tsonev 1993; Markova 1994a, 1994b, 1994c, 1997, 1998, 1998a, 2003, 2006, 2011; Markova & Dimcheva 1998; Markova & Alexiev 2000.

***Sphaerophoria taeniata* (Meigen, 1822)** [*S. menthastri* var. *taeniatus* Meigen, 1822] – DM, P2, V1, V4, S21, S22, TL, BN, BS; 0-1000 m; 1, 2; tp; Nedelkov 1909, 1912; Drensky 1934a; Bankowska 1964, 1967b.

***Syrphus ribesii* (Linnaeus, 1758)** – ♦; P2, V1, V4, S1, S21, T31, R1, R2, RW, RE, BS; 0-1500 m; 1, 2, 3; h; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova & Tsonev 1993; Markova & Dimcheva 1998; Markova & Alexiev 2000; Beschovski 2004a, 2006a; Markova 2006, 2011.

***Syrphus torvus* Osten-Sacken, 1875** – E2, V4, S1, R2, RW, BN; 0-1500 m; 1, 2, 3; ho; Drensky 1934a; Bankowska 1967b; Peck 1988; Kontev et al. 1991; Markova & Tsonev 1993; Markova 2003, 2006.

***Syrphus vitripennis* Meigen, 1822** – ♦; E2, K9, V1, V4, S1, S22, TL, T31, R1, R2, R3, RW, RE, BS; 0-1500 m; 1, 2, 3; ho; Nedelkov 1909, 1912; Drensky 1934a; Szilády 1934; Drenowsky 1936; Bankowska 1967b; Peck 1988; Kontev et al. 1991; Markova & Tsonev 1993; Markova 1997, 1998a, 2003, 2006, 2011; Markova & Alexiev 2000; Beschovski 2006a.

***Xanthogramma citrofasciatum* (De Geer, 1776)** – V4; 870-900 m; 2; weswca; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Xanthogramma laetum* (Fabricius, 1794)** – R3; 1000-1500 m; 3; des; Drensky 1934a; Peck 1988.

***Xanthogramma pedissequum* (Harris, 1776)** [*X. ornatum* (Meigen, 1822); *X. ornatum* var. *dives* (Rondani, 1857)] – DM, P2, B1, B2, V1, V4, O62, R1, RW; 30-1600 m; 1, 2, 3; tp; Nedelkov 1909, 1912; Drensky 1934a; Szilády 1934; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006.

***Baccha elongata* (Fabricius, 1775)** [*B. obscuripennis* Meigen, 1822] – P2, V1, TL, R1, R2, RW, BS; 0-1350 m; 1, 2, 3; h; Nedelkov 1912; Drensky 1934a; Szilády 1934; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006.

***Chrysotoxum arcuatum* (Linnaeus, 1758)** – R1, RW, RE; 230-1550 m; 1, 2, 3; po; Nedelkov 1912; Drensky 1934a; Peck 1988; Beschovski 2006a; Markova 2006.

***Chrysotoxum bicinctum* (Linnaeus, 1758)** – DM, E1, P2, B1, V1, V4; 100-900 m; 1, 2; wcp, ? tp; Nedelkov 1912; Drensky 1934a; Peck 1988; Markova 1994a, 1998a.

***Chrysotoxum cautum* (Harris, 1776)** – V1, V4, TL, RW, RE, BN; 0-1000 m; 1, 2; weswca; Löw 1862; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 1998a, 2006.

***Chrysotoxum cisalpinum* Rondani, 1845** – R3; ♠; set; Drensky 1934a.

***Chrysotoxum elegans* Loew, 1841** – P1, B1, V1, V4, S1, T31, R1, RW, BN; 0-1550 m; 1, 2, 3; et, ? e; Nedelkov 1912; Drensky 1934a, 1942; Bankowska 1967b; Peck 1988; Markova 1998a, 2003, 2006.

***Chrysotoxum fasciolatum* (De Geer, 1776)** – V4, S211, R1; 770-1550 m; 2, 3; h; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Chrysotoxum festivum* (Linnaeus, 1758)** [*Lasiopticus*] – B1, B2, V1, V4, O61, R1, R2, R3, BN, BS; 0-1900 m; 1, 2, 3, 4; po; Löw 1862; Joakimoff 1899; Nedelkov 1912; Drensky 1934a; Drenowsky 1936; Bankowska 1967b; Peck 1988; Markova 1998a; Markova & Alexiev 2000.

***Chrysotoxum impressum* Becker, 1921** – V4, T31, R3; 250-1500 m; 1, 2, 3; se; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 2011.

***Chrysotoxum intermedium* (Meigen, 1822)** – TL, T31, R1, RW, BS; 0-1550 m; 1, 2, 3; wp; Drensky 1934a; Drenowsky 1936; Bankowska 1967b; Peck 1988; Markova & Alexiev 2000; Beschovski 2006a; Markova 2006, 2011.

***Chrysotoxum lineare* (Zetterstedt, 1819)** – V4; 800 m; 2; e; Drensky 1934a; Peck 1988.

***Chrysotoxum octomaculatum* Curtis, 1837** – V1, V4, R1; 600-1400 m; 2, 3; wes; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Chrysotoxum parmense* Rondani, 1845** – T31, BS; 0-320 m; 1; set; Drensky 1934a; Peck 1988; Markova 2011.

***Chrysotoxum rhodopense* Drensky, 1934** – RW; 1000-1300 m; 3; Er; Drensky 1934a; Peck 1988; Beschovski 2006a; Markova 2006.

***Chrysotoxum vernale* Loew, 1841** – ♦; B1, V1, V4, TL, T31, R1, R2, RW, RE; 0-1500 m; 1, 2, 3; esca; Nedelkov 1912; Drensky 1934a; Drenowsky 1936; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006, 2011.

***Chrysotoxum verralli* Collin, 1940** – K4, K6, V4; 650-1200 m; 2, 3; vces; Bankowska 1967b; Peck 1988; Markova 1998a, 1994c.

***Melanostoma dubium* (Zetterstedt, 1838)** – O62; 200-260 m; 1; hoes, ? h; Drenowsky 1936; Peck 1988.

***Melanostoma mellinum* (Linnaeus, 1758)** – DM, P2, B1, B2, K2, K6, K9, V1, V4, S1, S21, TL, T31, O62, R1, R2, R3, RW, RE, BS; 0-2100 m; 1, 2, 3, 4; h; Meunier 1897; Joakimoff 1899; Nedelkov 1912; Drensky 1934a; Szilády 1934; Bankowska 1967b; Markova & Tsonev 1993; Markova 1994a, 1994b, 1994c, 1997, 1998, 1998a, 2003, 2006, 2011; Markova & Alexiev 2000; Beschovski 2004a, 2006a;

***Melanostoma scalare* (Fabricius, 1794)** – E1, V1, TL, O62, BN; 60-600 m; 1; ppt; Nedelkov 1909, 1912; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Xanthandrus comtus* (Harris, 1780)** – V1, T31, R1; 290-1550 m; 1, 2, 3, 4; po; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 1998a, 2011.

***Platycheirus albimanus* (Fabricius, 1781)** – B2, V1, S1, R1, R2, RW; 550-1800 m; 2, 3, 4; ho; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova & Tsonev 1993; Beschovski 2006a; Markova 2006.

***Platycheirus ambiguus* (Fallén, 1817)** – V4, R1; 1200-1400 m; 3; po, ? ho; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Platycheirus angustatus* (Zetterstedt, 1843)** – K6, S1; 660-750 m; 2, h; Markova & Tsonev 1993; Markova 1997.

***Platycheirus clypeatus* (Meigen, 1822)** – V4, S1, R1, RW; 750-1400 m; 2, 3; h; Joakimoff 1899; Bankowska 1967b; Peck 1988; Markova & Tsonev 1993; Markova 2006.

***Platycheirus fulviventris* (Macquart, 1829)** – K6, V1, R1; 600-1400 m; 2, 3; esca; Nedelkov 1912; Drensky 1934a; Peck 1988; Markova 1994b, 1994c.

***Platycheirus granditarsus* (Forster, 1771)** [*Pyrophaena*] – S22; ♠; h; Nedelkov 1909.

***Platycheirus immarginatus* (Zetterstedt, 1849)** – K2, K6; 700-760 m; 2; h; Markova 1997.

***Platycheirus manicatus* (Meigen, 1822)** – R1; 900-1400 m; 2, 3; h; Drensky 1934a; Peck 1988.

***Platycheirus melanopsis* Loew, 1856** – R1; 1800 m; 4; des; Bankowska 1967b; Peck 1988.

***Platycheirus peltatus* (Meigen, 1822)** – R1; 1147-1550 m; 3; tp, ? h; Joakimoff 1899; Drensky 1934a.

***Platycheirus perpallidus* (Verrall, 1901)** – V1; 550-600 m; 1; h; Drensky 1934a; Peck 1988.

***Platycheirus podagratus* (Zetterstedt, 1838)** – K6, K9, V1, R1; 500-900 m; 1, 2; h; Nedelkov 1912; Drensky 1934a; Peck 1988; Markova 1994b, 1994c, 1997.

***Platycheirus rosarum* (Fabricius, 1787)** [*Pyrophaena*] – V3, S1, RW; 350-1100 m; 1, 2, 3; h; Drensky 1934a; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006.

***Platycheirus scutatus* (Meigen, 1822)** – V1, V4, R1, R2; 600-1400 m; 1, 2, 3; h; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Platycheirus tarsalis* (Schummel, 1836)** – V4; 800-1300 m; 2, 3; ? hoes, ? tes; Bankowska 1967b; Peck 1988.

***Paragus albifrons* (Fallén, 1817)** – DM, E1, P1, P2, B1, K6, V1, V4, TL, T31, O62, R1, BS; 0-1300 m; 1, 2, 3; tp; Nedelkov 1909, 1912; Drensky 1934a; Szilády 1934; Bankowska 1967b; Peck 1988; Markova 1994a, 1994c, 2011; Markova & Alexiev 2000.

***Paragus bicolor* (Fabricius, 1794)** [*P. bicolor* var. *testaceus* Meigen, 1822] – DM, E2, P1, P2, B1, B2, K6, V1, V3, V4, S1, S211, TL, T2, T31, R1, RW, RE, BN, BS; 0-1374 m; 1, 2, 3; hop, ? h; Löw 1862; Nedelkov 1912; Drensky 1934a; Szilády 1934; Drenowsky 1936; Bankowska 1967b; Markova 1994a, 1994b, 1997, 1998, 1998a, 2003, 2006, 2011; Markova & Alexiev 2000; Beschovski 2006a.

***Paragus cinctus* Schiner & Egger, 1853** – P3, B3, K9, V1, S21, R1, BS; 0-1200 m; 1, 2, 3; ? mt; Nedelkov 1912; Drensky 1934a; Peck 1988.

***Paragus haemorrhous* Meigen, 1822** [*P. trianguliferus* Zetterstedt, 1838] – V1, R1; 600-1400 m, 2, 3; hat; Nedelkov 1912; Drensky 1934a; Peck 1988.

***Paragus quadrifasciatus* Meigen, 1822** [*P. concinnus* (Wiedemann, 1822); *P. pulcherrimus* Strobl, 1893] – DM, P2, K6, V1, S1, O5, O62, R1, BN; 0-1550 m; 1, 2, 3, 4; tp; Nedelkov 1912; Drensky 1934a, 1942; Drenowsky 1936; Peck 1988; Markova 1994a, 1994c, 2003.

***Paragus strigatus* Meigen, 1822** – V1, TL, BS; 0-600 m; 1, 2; ? mca; Nedelkov 1912; Drensky 1934a; Peck 1988; Markova 2011.

***Paragus tibialis* (Fallén, 1817)** [*P. tibialis* var. *meridionalis* Becker, 1921; *P. tibialis* var. *obscurus* Meigen,1822] – DM, E1, P1, P2, B1, B3, K2, K6, K9, V1, V4, S1, T31, O62, R1, R2, RW, RE, BN, BS; 0-1400 m; 1, 2, 3; ho, ? hpt; Nedelkov 1912; Drensky 1934a; Szilády 1934; Bankowska 1967b; Peck 1988; Markova 1994a, 1994b, 1994c, 1997, 1998, 1998a, 2003, 2006, 2011; Markova & Alexiev 2000; Beschovski 2006a.

***Heringia heringi* (Zetterstedt, 1843)** – B1, V1, V4; 300-800 m; 1, 2; wesca; Drensky 1934a; Peck 1988.

***Heringia latitarsis* (Egger, 1865)** [*Cnemodon*, *Neocnemodon*] – B3; 950-1000 m; 2; e, ? h, i; Bankowska 1967b; Peck 1988.

***Heringia pubescens* (Delucchi & Pschorn-Walcher, 1955)** [*Cnemodon*, *Neocnemodon*] – V4, R2; ♠; h; Bankowska 1967b; Peck 1988.

***Heringia vitripennis* (Meigen, 1822)** [*Cnemodon*, *Neocnemodon*] – V4, S1, S211, TL, O62, RW, RE; 220-1070 m; 1, 2, 3; tp, ? hoes; Drensky 1934a; Peck 1988; Georgiev et al. 2004; Beschovski 2006a; Markova 2006.

***Pipiza austriaca* Meigen, 1822** – V1, RW; 550-1450 m; 1, 2, 3; hoes; Drensky 1934a; Peck 1988; Beschovski 2006a; Markova 2006.

***Pipiza bimaculata* Meigen, 1822** – DM, V1, V4; 100-800 m; 1, 2; esca; Nedelkov 1912; Drensky 1934a; Bankowska 1967b.

***Pipiza carbonaria* Meigen, 1822** [*Penium*, *Trichopsomyia*] – V1, BS; 0-600 m; 1; e; Nedelkov 1912; Drensky 1934a; Peck 1988.

***Pipiza fasciata* Meigen, 1822** [? = *P. festiva* Meigen, 1822] – V4; ♠; des; Bankowska 1967b; Peck 1988.

***Pipiza festiva* Meigen, 1822** – B3, V1; 550-1000 m; 1, 2; esca; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Pipiza lugubris* (Fabricius, 1775)** – K9, V1, V4; 500-950 m; 1, 2; dp, ? des; Nedelkov 1912; Drensky 1934a; Peck 1988; Markova 1998.

***Pipiza noctiluca* (Linnaeus, 1758)** – V4, O62; 220-1050 m; 1, 2, 3; esca; Drensky 1934a; Peck 1988; Markova 1998a.

***Pipiza quadrimaculata* (Panzer, 1804)** – P2, V4, R1; 420-1200 m; 1, 2, 3; h; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Pipiza signata* Meigen, 1822** – DM, V1; 100-550 m; 1; des, ? po; Drensky 1934a; Peck 1988.

***Pipizella maculipennis* (Meigen, 1822)** – K6, S1; 290-700 m; 1, 2; wes; Markova 1994c, 2003.

***Pipizella virens* (Fabricius, 1805)** [*Heringia*] – B1, B2, K6, V1, V4, TL, T31, O62, R1, R2, RW, RE, BN, BS; 0-1800 m; 1, 2, 3, 4; tp; Nedelkov 1912; Drensky 1934a; Szilády 1934; Bankowska 1967b; Peck 1988; Markova 1994c, 1997, 2006, 2011; Beschovski 2006a.

***Trichopsomyia flavitarsis* (Meigen, 1822)** [*Heringia*] – R1, RW; 900-1150 m; 2, 3; hoes; Drensky 1934a; Peck 1988; Beschovski 2006a; Markova 2006.

***Triglyphus primus* Loew, 1840** – O61, R1; 350-1550 m; 1, 2, 3, 4; tp, ? hoes; Drensky 1934a; Peck 1988.

***Chamaesyrphus scaevoides* (Fallén, 1817)** – R1, R2; 1200-1810 m; 3, 4; des; Bankowska 1967b; Peck 1988.

***Cheilosia aerea* Dufour, 1848** [*Ch. bigoti* (Becker, 1894); *Ch. correcta* (Becker, 1894); *Ch. cetterstedti* Becker, 1894] – B2, V4, S1, RW; 150-1440 m; 1, 2, 3; cse; Drensky 1934a; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006.

***Cheilosia albipila* Meigen, 1838** – V1, V4; 550-880 m; 1, 2; wces; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Cheilosia albitarsis* (Meigen, 1822)** – B1, K9, V4, R1, R2, R5, RW; 550-1800 m; 1, 2, 3, 4; h; Joakimoff 1899; Drensky 1934a; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006.

***Cheilosia antiqua* (Meigen, 1822)** – ♦; V1, V4, TL, T31, R2, BN, BS; 0-1800 m; 1, 2, 3, 4; e, ? cse; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Beschovski 2004a; Markova 2011.

***Cheilosia barbata* Loew, 1857** – P2, B1, V1, V4, R1, R2, R5; 200-1000 m; 1, 2; e; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Cheilosia canicularis* (Panzer, 1801)** – B2, O62, R1; 200-1700 m; 1, 2, 3, 4; ? tes; Drensky 1934a, 1939a; Drenowsky 1936, 1939; Bankowska 1967b; Peck 1988.

***Cheilosia carbonaria* Egger, 1860** – R2; 1500 m; 3; wces; Bankowska 1967b; Peck 1988.

***Cheilosia chloris* (Meigen, 1822)** – V1; 600 m; 1, 2; wes; Markova 1998.

***Cheilosia cynocephala* Loew, 1840** – V4; ♠; wes; Bankowska 1967b; Peck 1988.

***Cheilosia fasciata* Schiner & Egger, 1853** – K9; 530-550 m; 1; e; Drensky 1934a.

***Cheilosia flavipes* (Panzer, 1798)** – R2; 1500 m; 3; wces, ? esca; Bankowska 1967b; Peck 1988.

***Cheilosia frontalis* Loew, 1857** – V4, R2; 900-1000 m; 2; e; Bankowska 1967b; Peck 1988.

***Cheilosia gagatea* Loew, 1857** – V4, O62, R2; 150-1810 m; 1, 2, 3, 4; cse, ? e; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Cheilosia gigantea* (Zetterstedt, 1838)** – ♠; hoes; Peck 1988.

***Cheilosia grossa* (Fallén, 1817)** – DM, V1, V4; 100-1080 m; 1, 2, 3; po; Drensky 1934a; Peck 1988.

***Cheilosia illustrata* (Harris, 1780)** [*Ch. rupestris* (Panzer, 1798)] – V4, R1; 1200-1550 m; 3; hoes; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Cheilosia impressa* Loew, 1840** – E2, V4, R1, R2, BN; 0-1810 m; 1, 2, 3, 4; hoes, ? esca; Nedelkov 1912; Drensky 1934a, 1942, 1955; Bankowska 1967b; Peck 1988.

***Cheilosia latifrons* (Zetterstedt, 1843)** [*Ch. intonsa* Loew, 1857] – R1; 1200-1400 m; 3; wp; Drensky 1934a; Peck 1988.

***Cheilosia melanopa* (Zetterstedt, 1843)** – ♦; B1, B3, V1, V3, V4, S211, T31, O62, R1, RW; 20-1550 m; 1, 2, 3; e; Nedelkov 1912; Drensky 1934a; Peck 1988; Beschovski 2006a; Markova 2006, 2011.

***Cheilosia melanura* (Becker, 1894)** – V4, R1; 800-1800 m; 2, 3, 4; wces, ? des; Bankowska 1967b; Peck 1988.

***Cheilosia montana* Egger, 1860** – V4, R2, RW; 900-1500 m; 2, 3; wes; Bankowska 1967b; Peck 1988; Beschovski 2006a.

***Cheilosia morio* (Zetterstedt, 1838)** – V4, O61, R1; 370-1550 m; 1, 2, 3; tes, ? wces; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Cheilosia mutabilis* (Fallén, 1817)** – V4, T31, O61, R1, R2; 330-2000 m; 1, 2, 3, 4; wcp; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 2011.

***Cheilosia nebulosa* (Verrall, 1871)** [*Ch. langhofferi* (Becker, 1894)] – S21, O62, R2; 180-1800 m; 1, 2, 3, 4; e; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Cheilosia nigripes* (Meigen, 1822)** – RW; 950-1100 m; 2, 3; hoes; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006.

***Cheilosia pagana* (Meigen, 1822)** – V4, R1; 870-1550 m; 2, 3; h; Nedelkov 1912; Drensky 1934a; Peck 1988.

***Cheilosia pallipes* Loew, 1863** [*Ch. flavissima* (Becker, 1894)] – R1; 1500-1550 m; 3; h; Drensky 1934a.

***Cheilosia pictipennis* Egger, 1860** [*Ch. bureschi* (Delkeskamp, 1942)] – R2; 900-1000 m; 2; wces; Delkeskamp, 1942; Josifov 1957.

***Cheilosia proxima* (Zetterstedt, 1843)** – B1, V1, V4, S1, T31, R1, R2, RW, BS; 0-1400 m; 1, 2, 3; hoes, ? esca; Joakimoff 1899; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006, 2011.

***Cheilosia pubera* (Zetterstedt, 1838)** – R1, R2; 1800 m; 4; e; Bankowska 1967b; Peck 1988.

***Cheilosia rhynchops* Egger, 1860** [*Ch. drenowskii* (Szilády, 1936)] – V4, R1, R3; 1500-1800 m; 3, 4; e, ? cse; Szilády 1936; Drenowsky 1936, 1939; Bankowska 1967b; Peck 1988.

***Cheilosia ruficollis* (Becker, 1894)** – P1, V4; 400-1200 m; 1, 2, 3; ? e; Bankowska 1967b; Peck 1988.

***Cheilosia rufimana* (Becker, 1894)** – V4, R2; 1000-1820 m; 3, 4; e; Bankowska 1967b; Peck 1988.

***Cheilosia sahlbergi* (Becker, 1894)** – V4, R2; 1000-1820 m; 3, 4; e; Bankowska 1967b; Peck 1988.

***Cheilosia schineri* Egger, 1860** – R1, BS; 0-1550 m; 1, 2, 3; se; Drensky 1934a; Markova 2011.

***Cheilosia scutellata* (Fallen, 1817)** – S1, T31, O62, RW, RE, BN, BS; 0-650 m; 1; esca; Löw 1862; Nedelkov 1912; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006, 2011.

***Cheilosia semifasciata* (Becker, 1894)** – V4, R1; 1000-1300 m; 3; e; Buhr 1941; Bankowska 1967b; Peck 1988.

***Cheilosia soror* (Zetterstedt, 1843)** – P2, K9, V4, O62, R2; 180-1200 m; 1, 2, 3; tp; Nedelkov 1912; Drensky 1934a; Markova 1994a.

***Cheilosia urbana* (Meigen, 1822)** [*Ch. ruralis* (Meigen, 1822); ? *Ch. mutabilis* Fallén, 1817; *Ch. praecox* (Zetterstedt, 1843)] – V1, V4, O62, R1, R2, BS; 0-1820 m; 1, 2, 3, 4; tp; Joakimoff 1899; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Cheilosia variabilis* (Panzer, 1798)** – V4, R1, BN; 0-1500 m; 1, 2, 3; wcp; Joakimoff 1899; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Cheilosia velutina* Loew, 1840** – DW, B1, K9, V1, S21, R1, R2, RW; 30-1000 m; 1, 2; esca; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 1997, 2006.

***Cheilosia vernalis* (Fallén, 1817)** – R1, RW; 400-1820 m; 1, 2, 3, 4; hoes; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 2006.

***Cheilosia vulpina* (Meigen, 1822)** [*Ch. pigra* Loew, 1840] – ♦; K9, V1, V4, S21, S22, TL, T31, O62, R1, R3, RW, BS; 0-1400 m; 1, 2, 3; wesit; Nedelkov 1909, 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006, 2011.

***Ferdinandea aurea* Rondani, 1844** – S1, BS; 0-270 m; 1; se; Drensky 1934a; Peck 1988.

***Ferdinandea cuprea* (Scopoli, 1763)** [*F. euptera* (Scopoli, 1763)] – B1, V1, V4, T31, R1, R3, RW, BS; 0-1500 m; 1, 2, 3; tp; Nedelkov 1912; Drensky 1934a; Drenowsky 1936; Peck 1988; Markova 2006, 2011.

***Ferdinandea sziladyi* Drensky, 1934** – S1, BS; 0-270 m; 1; see; Drensky 1934a; Peck 1988.

***Pelecocera tricincta* Meigen, 1822** – V1, R1; 550-1400 m; 1, 2, 3; des; Drensky 1934a; Szilády 1934; Peck 1988.

***Rhingia campestris* Meigen, 1822** – R1, BS; 0-1480 m; 1, 2, 3; hoes; Joakimoff 1899; Drensky 1960.

***Rhingia rostrata* (Linnaeus, 1758)** – V4, R1; 870-1550 m; 2, 3; wes; Nedelkov 1912; Drensky 1934a; Peck 1988.

***Callicera aenea* (Fabricius, 1777)** [*Chrysogaster*] – V1; 550-600 m; 1; po; Nedelkov 1912; Drensky 1934a.

***Callicera rufa* Schummel, 1842** – O62; 180 m; 1; ena; Drensky 1934a; Peck 1988.

***Volucella bombylans* (Linnaeus, 1758)** [*V. plumata* (De Geer, 1776); *V. terestriformis* Drensky, 1934] – ♦; E2, B1, V1, V4, S1, O1, O62, R1; 150-2500 m; 1, 2, 3, 4, 5, 6; h; Löw 1863; Joakimoff 1899; Nedelkov 1912; Drensky 1934a, 1939a, 1955; Szilády 1934; Drenowsky 1936; Buresch 1953a; Bankowska 1967b; Peck 1988.

***Volucella inanis* (Linnaeus, 1758)** – V1, O62, R1; 180-2000 m; 1, 2, 3, 4; tp; Meunier 1897; Drensky 1934a; Szilády 1934; Peck 1988.

***Volucella inflata* (Fabricius, 1794)** – ♦; P1, B1, TL, R1, RW, BN; 0-1300 m; 1, 2, 3; e; Löw 1862; Nedelkov 1912; Drensky 1934a; Peck 1988; Beschovski 2006a; Markova 2006.

***Volucella pellucens* (Linnaeus, 1758)** – ♦; E2, V1, V4, T31, R1, R3, RW, BS; 0-1700 m; 1, 2, 3, 4; po; Joakimoff 1899; Nedelkov 1912; Drensky 1934a, 1955; Drenowsky 1936; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006, 2011.

***Volucella zonaria* (Poda, 1761)** – ♦; DW, DM, E2, P1, P2, B1, B2, V1, V3, V4, S1, TL, T31, O62, R1, RW, BN, BS; 0-1400 m; 1, 2, 3; tp; Joakimoff 1899; Nedelkov 1912; Drensky 1934a, 1942, 1955; Szilády 1934; Drenowsky 1936; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006, 2011.

***Brachyopa bicolor* (Fallén, 1817)** – K9, R1; 670-1550 m; 2, 3; hoes; Nedelkov 1912; Drensky 1934a.

***Brachyopa panzeri* Goffe, 1945** – R1; 1140-1200 m; 3; des; Joakimoff 1899.

***Chrysogaster coemiteriorum* (Linnaeus, 1758)** [*Ch. chalybeata* Meigen, 1822] – V1; 550-600 m; 1; tp; Drensky 1934a; Peck 1988.

***Chrysogaster solstitialis* (Fallen, 1817)** – T31, O62, R1, RW, BN, BS; 0-1400 m; 1, 2, 3; ena; Drensky 1934a, 1939a; Drenowsky 1939; Bankowska 1967b; Peck 1988; Markova 2006, 2011.

***Chrysogaster viduata* (Linnaeus, 1758)** [? *Pipizella*] – K6, V1, V4, S1, TL, T31, O62, R1, R2, R5, RW, BS; 0-1980 m; 1, 2, 3, 4, 5; e, ? ena; Joakimoff 1899; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova & Tsonev 1993; Markova 1994a, 1994b, 1994c, 1997, 2006, 2011; Beschovski 2006a.

***Melanogaster aerosa* (Loew, 1843)** [*Chrysogaster macquarti* Loew, 1843] – R1; 1300-1400 m; 3; wces; Drensky 1934a.

***Melanogaster nigricans* (Stackelberg, 1922)** [*Lejogaster*] – ♠; seesfe; Peck 1988.

***Hammerschmidtia ferruginea* (Fallén, 1817)** – V4; 800-1200 m; 2, 3; h; Bankowska 1967b.

***Lejogaster metallina* (Fabricius, 1781)** [*Chrysogaster*] – DM, V1, R1, R2; 100-1500 m; 1, 2, 3; tp; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Markova 1994a, 1994b, 1997, 1998.

***Lejogaster tarsata* (Meigen, 1822)** [*L. splendida* (Meigen, 1822); *Orthoneura longior* Becker, 1921; *Chrysogaster*] – DM, E2, V1, V4, T2, T31, O62, R1, RE, BS; 0-1550 m; 1; tp; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 1994a, 2006, 2011; Markova & Alexiev 2000.

***Myolepta dubia* (Fabricius, 1805)** [*M. luteola* (Gmelin, 1790)] – S1, T31, O62, BS; 0-300 m; 1; e; Bankowska 1967b; Peck 1988; Markova 2011.

***Orthonevra brevicornis* (Loew, 1843)** [*Chrysogaster*] – V4, R1; 1000-1960 m; 3, 4, 5; wes; Bankowska 1967b; Peck 1988.

***Orthonevra elegans* (Meigen, 1822)** – V1, R1; 550-1400 m; 1, 2, 3; hoes; Drensky 1934a; Peck 1988.

***Orthonevra frontalis* (Loew, 1843)** – K6, BS; 0-750 m; 1, 2; eanit, ? eanca; Drensky 1934a; Peck 1988; Markova 1997, 2011.

***Orthonevra fumipennis* (Loew, 1843)** – BS; 0-10 m; 1; seean; Drensky 1934a; Peck 1988.

***Orthonevra geniculata* (Meigen, 1830)** – R1, RW; 1100-1550 m; 3, 4; hoes, ? tes; Drensky 1934a; Peck 1988; Beschovski 2006a; Markova 2006.

***Orthonevra nobilis* (Fallen, 1817)** [*Chrysogaster*] – P2, V1, V4, R1, RW; 390-1400 m; 1, 2, 3; esca; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006.

***Orthonevra plumbago* (Loew, 1840)** – O62; 200-260 m; 1; esca; Bankowska 1967b; Peck 1988.

***Riponnensia longicornis* (Loew, 1843)** [*Orthonevra*] – V4, RW, BS; 20-950 m; 1, 2; hom; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova & Alexiev 2000; Markova 2006.

***Riponnensia splendens* (Meigen, 1822)** [*Chrysogaster*] – S1, O62, BS; 0-450 m; 1; eanna; Drensky 1934a; Peck 1988; Markova & Alexiev 2000; Markova 2003.

***Neoascia geniculata* (Meigen, 1822)** – R1; 1800-1950 m; 4, 5; hoes; Bankowska 1967b.

***Neoascia interrupta* (Meigen, 1822)** – T31, BS; 0-300 m; 1; wes; Bankowska 1967b; Peck 1988; Markova 2011.

***Neoascia meticulosa* (Scopoli, 1763)** [*N. aenea* (Meigen, 1822); *N. dispar* (Meigen, 1822)] – V4, R1; 800-1950 m; 2, 3, 4, 5; esca; Bankowska 1967b; Peck 1988.

***Neoascia podagrica* (Fabricius, 1775)** [*N. floraqlis* (Meigen, 1822); *Eristalis*] – P1, P2, B1, K6, V1, V4, S1, R1, BN; 0-1200 m; 1, 2, 3; wcp; Meunier 1897; Joakimoff 1899; Drensky 1934a; Szilády 1934; Bankowska 1967b; Peck 1988; Markova 1994b, 1994c, 1997.

***Sphegina clunipes* (Fallén, 1816)** – V1, V4, R1; 550-1960 m; 2, 3, 4, 5; des; Meunier 1897; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Sphegina elegans* Schummel, 1843** [*S. kimakowiczi* (Strobl, 1897)] – V4, T31; 290-1200 m; 1, 2, 3; e; Bankowska 1967b; Peck 1988; Markova 2011.

***Sphegina latifrons* Egger, 1865** – V4; 800-1200 m; 2, 3; e; Bankowska 1967b; Peck 1988.

***Sphegina montana* Becker, 1921** – R1; 950-1400 m; 3; e; Drensky 1934a; Peck 1988.

***Sphegina verecunda* Collin, 1937** – P2; 400-450 m; 1; e; Bankowska 1967b; Peck 1988.

***Arctophila bequaerti* Herve-Bazin, 1913** – R1; 900-1000 m; 2; seean; Drenowsky 1936; Peck 1988.

***Arctophila bombiforme* (Fallén, 1810)** – V4, R1, RW; 1000-2150 m; 3, 4, 5; e; Joakimoff 1899; Nedelkov 1912; Drensky 1934a; Peck 1988; Beschovski 2006a; Markova 2006.

***Arctophila superbiens* (Müller, 1776)** [*A. mussitans* (Fabricius, 1776)] – O62, RW; 250-1100 m; 1, 2, 3; e; Nedelkov 1912; Drensky 1934a; Peck 1988; Beschovski 2006a; Markova 2006.

***Sericomyia lappona* (Linnaeus, 1758)** – V4, R1; 1000-1960 m; 3, 4, 5; hoes; Bankowska 1967b; Peck 1988.

***Sericomyia silentis* (Harris, 1776)** [*Cinxia borealis* (Fallén, 1816)] – R1; 1160-1400 m; 3; hoes; Drensky 1934a; Szilády 1934; Peck 1988.

***Eumerus argyropus* Loew, 1848** – O62; 180-250 m; 1; nm; Bankowska 1967b; Peck 1988.

***Eumerus basalis* Loew, 1848** – BS; 0-20 m; 1; mi; Drensky 1934a; Peck 1988.

***Eumerus funeralis* Meigen, 1822** [*E. tuberculatus* Rondani, 1857] – ♠; h; Popoff & Nikolova 1958.

***Eumerus graecus* Becker, 1921** – ♠; ? se; Peck 1988.

***Eumerus olivaceus* Loew, 1848** – V4; ♠; se; Bankowska 1967b; Peck 1988.

***Eumerus ornatus* Meigen, 1822** – P2; 190-200 m; 1; ena; Markova 1994a.

***Eumerus ruficornis* Meigen, 1822** – P2, RE, BS; 0-250 m; 1; ena; Bankowska 1967b; Peck 1988; Markova 2006, 2011.

***Eumerus sogdianus* Stackelberg, 1952** – DM; 30-120 m; 1; eca; Markova 1994a.

***Eumerus strigatus* (Fallen, 1817)** – DM, P2, K6, K9, V1, V4, S1, TL, T31, R1, BS; 0-1500 m; 1, 2, 3, 4; ha, ? i; Nedelkov 1912; Drensky 1934a; Popoff & Nikolova 1958; Bankowska 1967b; Peck 1988; Markova 1994a, 1994c, 1997, 1998a, 2003, 2011; Markova & Dimcheva 1998; Markova & Alexiev 2000.

***Eumerus tricolor* (Fabricius, 1798)** – V1, O62; 180-600 m; 1; weswca; Nedelkov 1912; Drensky 1934a; Peck 1988.

***Merodon aberrans* Egger, 1860** [*Lampetia*] – P2, B2, V1, T31, R1, BS; 0-1440 m; 1, 2, 3; eanna; Nedelkov 1912; Drensky 1934a; Szilády 1934; Bankowska 1967b; Peck 1988; Markova 2011.

***Merodon aeneus* Meigen, 1822** [*Lampetia*] – V4, S22, TL, R1, RW; 260-1750 m; 1, 2, 3, 4; ena; Löw 1863; Nedelkov 1909, 1912; Drensky 1934a, 1939a; Szilády 1934; Drenowsky 1937, 1939; Buresch 1953a; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006.

***Merodon albifrons* Meigen, 1822** [*Lampetia*] – V1, V4, T31, O62, BS; 0-1080 m; 1, 2, 3; ? hom; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 2011.

***Merodon armipes* Rondani, 1843** [*Lampetia*] – S1, TL, R3, RW, BS; 0-1500 m; 1, 2, 3; swp; Löw 1863; Nedelkov 1912; Drensky 1934a, 1939a; Drenowsky 1939; Peck 1988; Beschovski 2006a; Markova 2006.

***Merodon avidus* (Rossi, 1790)** [*M. spinipes* (Fabricius, 1794)] – ♦; P1, P2, B1, B2, B3, V1, V4, S1, TL, T31, R1, R3, RW, BN, BS; 0-1400 m; 1, 2, 3; ena; Löw 1862; Joakimoff 1899; Nedelkov 1909, 1912; Drensky 1934a; Szilády 1934; Drenowsky 1936; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006, 2011.

***Merodon caerulescens* Loew, 1869** [*Lampetia*] – V4, R3; 1500-1750 m; 3, 4; seena; Drenowsky 1936, 1937, 1939; Buresch 1953a; Drensky 1939a.

***Merodon chalybeatus* Sack, 1913** – R3; 900 m; 2; see; Bankowska 1967b; Peck 1988.

***Merodon cinereus* (Fabricius, 1794)** [*Lampetia*] – V1, V4, S211, TL, R1, R3; 200-1700 m; 1, 2, 3, 4; cse, ? e; Nedelkov 1912; Drensky 1934a; Drenowsky 1936; Bankowska 1967b; Peck 1988.

***Merodon clavipes* (Fabricius, 1781)** [*Lampetia*] – B1, R1; 260-1550 m; 1, 2, 3, 4; ena; Nedelkov 1912; Drensky 1934a.

***Merodon clunipes* Sack, 1913** [*Lampetia*] – BS; 0-20 m; 1; nm; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 2011.

***Merodon constans* (Rossi, 1794)** [*Lampetia*] – B3, V1, R3; 900-1050 m; 2, 3; ena; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Merodon crymensis* Paramonov, 1925** [*Lampetia*] – B2, T31, RW, BS; 0-1350 m; 1, 2, 3; csean, ? cseean; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 2006, 2011.

***Merodon distinctus* Palma, 1863** [*Lampetia*] – R3; ♠; mt; Drensky 1934a; Peck 1988.

***Merodon eques* (Fabricius, 1805)** [*Lampetia*] – S1, BS; 0-250 m; 1; sena; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Merodon equestris* (Fabricius, 1794)** [*Lampetia*] – O62, R1; 250-600 m; 1; ha, i; Joakimoff 1899; Drensky 1934a.

***Merodon femoratus* Sack, 1913** [*Lampetia*] – RW; 700-750 m; 2; nm; Drensky 1934a; Peck 1988; Beschovski 2006a; Markova 2006.

***Merodon flavus* Sack, 1913** [*Lampetia*] – K8; 760 m; 2; cse; Drensky 1934a; Peck 1988.

***Merodon funestus* (Fabricius, 1794)** [*Lampetia*] – K9, TL, RW; 250-550 m; 1; sena; Nedelkov 1909, 1912; Drensky 1934a; Peck 1988; Beschovski 2006a; Markova 2006.

***Merodon geniculatus* Strobl, 1909** [*Lampetia*] – BS; 0-10 m; 1; hom; Drensky 1934a; Peck 1988.

***Merodon hamifer* Sack, 1913** [*Lampetia*] – O62; 200-250 m; 1; ban; Drensky 1934a; Peck 1988.

***Merodon loewi* van der Goot, 1964** [*M. graecus* Loew, 1862; *Lampetia*] – R1, BN; 0-1550 m; 1, 2, 3; seean; Löw 1862; Drensky 1934a; Peck 1988.

? *Merodon macedonica* (Szilady, 1940) [*Lampetia*] – R3; 1500-1700 m; 3, 4; ? Ebg; Drenowsky 1939.

***Merodon nanus* Sack, 1931** – S1, BS; 0-1100 m; 1, 2, 3; nemi; Bankowska 1967b; Peck 1988; Markova 2011.

***Merodon natans* (Fabricius, 1794)** [*Lampetia*] – O62; 150-250 m; 1; se; Drensky 1934a; Peck 1988.

***Merodon pruni* (Rossi, 1790)** [*Lampetia*] – BS; 0-10 m; 1; hom; Drensky 1934a; Peck 1988.

***Merodon ruficornis* Meigen, 1822** [*Lampetia*] – V4, T31, O62, R1, R2, RW, BS; 0-1800 m; 1, 2, 3, 4; csena; Drensky 1934a; Bankowska 1967b; Beschovski 2006a; Markova 2006, 2011.

***Merodon rufipes* Sack, 1913** – S1; 230-300 m; 1; see; Bankowska 1967b; Peck 1988.

***Merodon rufus* Meigen, 1838** [*Lampetia*] – V4, S211, TL, O62, R1, RW, BS; 0-1100 m; 1, 2, 3; wp; Nedelkov 1912; Drensky 1934a; Peck 1988; Beschovski 2006a; Markova 2006, 2011.

***Merodon segetum* (Fabricius, 1794)** [*Lampetia*] – ♦; O62, BN; 0-250 m; 1; sena; Drensky 1934a, 1942, 1955; Peck 1988.

***Merodon tener* Sack, 1913** [*Lampetia*] – R3; 1200-1500 m; 3; se; Drenowsky 1936; Drensky 1939a.

***Merodon testaceus* Sack, 1913** [*Lampetia*] – R1; 1500-1550 m; 3; nm; Drensky 1934a; Peck 1988.

***Merodon tricinctus* Sack, 1913** [*Lampetia*] – O62; 180-250 m; 1; hom; Drensky 1934a; Peck 1988.

***Merodon velox* Loew, 1869** [*Lampetia*] – BS; 0-10 m; 1; nm; Drensky 1934a; Peck 1988; Markova 2006, 2011.

***Psilota atra* (Fallén, 1817)** – V1, R1; 400-1550 m; 1, 2, 3; e; Drensky 1934a.

***Psarus abdominalis* (Fabricius, 1794)** – K9, V1, T31, O62, R1, RW; 180-1550 m; 1, 2, 3; e; Nedelkov 1912; Drensky 1934a; Szilady 1934; Bankowska 1967b; Peck 1988; Markova 2006, 2011.

***Ceriana conopsoides* (Linnaeus, 1758)** [*Cerioides*] – V1, R1; 600-1400 m; 1, 2, 3; tp; Nedelkov 1912; Drensky 1934a; Peck 1988.

***Sphiximorpha binominata* (Verrall, 1901)** [*Cerioides*] – T31, BS; 0-350 m; 1; see; Drensky 1934a; Markova 2011.

***Sphiximorpha subsessilis* (Illiger in Rossi, 1807)** [*Cerioides*] – B1, O62; 180-460 m; 1; e; Nedelkov 1912; Drensky 1934a; Peck 1988.

***Eristalinus aeneus* (Scopoli, 1763)** [*Eristalodes*, *Eristalis*, *Lathyrophtalmus*] – ♦; DM, E2, P1, P2, B1, V1, S1, S21, TL, T31, R1, RE, BN, BS; 0-600 m; 1, 2; hpta, ? sk; Meunier 1897; Joakimoff 1899; Nedelkov 1909, 1912; Drensky 1934a; Beschovski 1964a, 1965; Bankowska 1967b; Peck 1988; Markova 1994a, 2003, 2006, 2011; Markova & Alexiev 2000.

***Eristalinus quinquelineatus* (Fabricius, 1781)** [? = *E. megacephalus* (Rossi, 1794); *Eristalodes*] – O62; 180-250 m; 1; ppt; Drensky 1934a; Peck 1988.

***Eristalinus sepulchralis* (Linnaeus, 1758)** [*Eristalis*] – P1, P2, B1, K6, V1, S1, S21, TL, T2, T3, T31, R1, RE, BS; 0-1150 m; 1, 2, 3; po; Joakimoff 1899; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 1994a, 1997, 2003, 2006, 2011; Markova & Alexiev 2000.

***Eristalinus taeniops* (Wiedemann, 1818)** [*Eristalodes*] – BS; 0-20 m; 1; ppt; Drensky 1934a; Peck 1988; Markova 2011.

***Eristalis abusiva* Collin, 1931** – P2, B1, K6, V1, S1, T31; 50-600 m; 1; hoes; Markova 1994a, 1994b, 1994c, 1998, 1998a, 2003, 2011.

***Eristalis alpina* (Panzer, 1798)** – V4; ♠; esca; Bankowska 1967b; Peck 1988.

***Eristalis arbustorum* (Linnaeus, 1758)** [*E. bulgarica* Szilády, 1934; *E. nemorum* (Linnaeus, 1758)] – ♦; DW, DM, E2, P1, P2, B1, B2, B3, K2, K6, K9, V1, V3, V4, S1, S21, S211, TL, T2, T31, R1, R2, R3, RW, RE, BS; 0-1960 m; 1, 2, 3, 4, 5; ho; Joakimoff 1899; Nedelkov 1909, 1912; Drensky 1934a, 1955; Szilády 1934; Drenowsky 1936, 1939; Bankowska 1967b; Peck 1988; Markova & Tsonev 1993; Markova 1994a, 1994b, 1994c, 1997, 1998, 1998a, 2003, 2006, 2011; Markova & Dimcheva 1998; Markova & Alexiev 2000; Beschovski 2006a.

***Eristalis cryptarum* (Fabricius, 1794)** [*E. nigritarsis* Macquart, 1834] – R1; 1200-1400 m; 3; des; Drensky 1934a; Peck 1988.

***Eristalis lineata* (Harris, 1776)** [= *E. horticola* (De Geer, 1776)] – V1, V4, R1; 600-1900 m; 2, 3, 4, 5; po; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Eristalis intricaria* (Linnaeus, 1758)** – K6, V4, R1; 600-1200 m; 2, 3; hoes, ? esca; Joakimoff 1899; Drensky 1934a; Peck 1988; Markova 1994c.

***Eristalis jugorum* Egger, 1858** – ♦; V1, V4, RW; 550-1900 m; 1, 2, 3, 4; e, ? cse; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 2006.

***Eristalis pertinax* (Scopoli, 1763)** – ♦; E2; 200-230 m; 1; wp, ? h; Drensky 1934a, 1955; Szilády 1934; Peck 1988.

***Eristalis rupium* Fabricius, 1805** – ♦; DM, P2, B2, V4, S21, S22, TL, R1; 30-1900 m; 1, 2, 3, 4, 5; h; Nedelkov 1909; Drensky 1934a; Szilády 1934; Bankowska 1967b; Peck 1988; Markova 1994a.

***Eristalis similis* (Fallén, 1817)** [*E. pratorum* Meigen, 1822] – ♦; E2, B2, B3, V4, R1, R3, RW, BS; 0-1960 m; 1, 2, 3, 4, 5; wcp, ? h; Drensky 1934a, 1955, 1960; Szilády 1934; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006.

***Eristalis tenax* (Linnaeus, 1758)** [*E. tenax* var. *hortorum* Meigen, 1822; *Eristalomyia*] – DM, E1, E2, P2, K6, V1, S1, S21, S22, TL, T2, T31, RW, RE, BN, BS; 0-1500 m; 1, 2, 3, 4; k; Joakimoff 1899; Kovachev 1905; Nedelkov 1909, 1912; Drensky 1934a, 1942, 1955, 1960; Szilády 1934; Beschovski 1964a, 1965, 2006a; Lavčiev 1965d; Bankowska 1967b; Lavchiev & Jovčev 1978; Markova & Tsonev 1993; Markova 1994a, 1994b, 1994c, 1997, 1998, 1998a, 2003, 2006, 2011; Markova & Alexiev 2000;

***Parhelophilus frutetorum* (Fabricius, 1775)** [*Eurinomyia*, *Helophilus*] – T31, BS; 0-330 m; 1; wces; Bankowska 1967b; Peck 1988; Markova 2011.

***Parhelophilus versicolor* (Fabricius, 1794)** [*Helophilus*] – O62; 180-250 m; 1; wp; Drensky 1934a; Peck 1988.

***Helophilus hybridus* Loew, 1846** [*Tubifera*] – K8, TL, R1, RW, RE; 200-1430 m; 1, 2, 3; h; Drensky 1934a; Peck 1988; Beschovski 2006a; Markova 2006.

***Helophilus pendulus* (Linnaeus, 1758)** [*Tubifera*] – V1, V4, O62, R1, RE, BS; 0-1100 m; 1, 2, 3; hoes; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 2006.

***Helophilus trivittatus* (Fabricius, 1805)** [*H. parallelus* (Harris, 1776); *Tubifera*] – ♦; DM, E2, P2, K9, V1, V3, V4, TL, T31, R1, RW, BN, BS; 0-1200 m; 1, 2, 3; tp, ? h; Joakimoff 1899; Nedelkov 1909, 1912; Drensky 1934a, 1955; Bankowska 1967b; Markova 1994a, 1998a, 2006, 2011; Markova & Alexiev 2000.

***Anasimyia lineata* (Fabricius, 1787)** [*Eurinomyia*, *Helophilus*] – V1; 550-600 m; 1; hoes; Drensky 1934a; Peck 1988.

***Anasimyia lunulata* (Meigen, 1822)** [*Eurinomyia*, *Helophilus*] – RW; 1100 m; 3; h; Drensky 1934a; Peck 1988; Markova 2006.

***Anasimyia transfuga* (Linnaeus, 1758)** [*Eurinomyia*, *Helophilus*] – V1; 550-600 m; 1, 2; wes; Drensky 1934a; Peck 1988.

***Lejops vittata* (Meigen, 1822)** – P2, T31, BS; 0-300 m; 1; esca; Drensky 1934a; Peck 1988; Markova 2011.

***Mesembrius peregrinus* (Loew, 1846)** – BS; 0-20 m; 1; tp; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 2011.

***Myathropa florea* (Linnaeus, 1758)** [*M. florea* var. *nigrotarsata* (Schiner, 1862); *Helophilus*] – ♦; DM, E2, P2, B1, V1, S1, S22, TL, T31, O62, R2, R3, RW, BN, BS; 0-1400 m; 1, 2, 3; hop, ? h; Nedelkov 1909, 1912; Drensky 1934a, 1955, 1960; Szilády 1934; Drenowsky 1936; Bankowska 1967b; Peck 1988; Markova 1994a, 1998a, 2006, 2011; Markova & Alexiev 2000; Beschovski 2006a.

***Blera fallax* (Linnaeus, 1758)** [*Cynorrhina*] – V4, R1; 1200-1400 m; 3; hoes; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Caliprobola speciosa* (Rossi, 1790)** – BN; 0-20 m; 1; wces; Löw 1862.

***Criorhina asilica* (Fallén, 1816)** – V4; ♠; e; Bankowska 1967b; Peck 1988.

***Milesia crabroniformis* (Fabricius, 1775)** – O62, BS; 0-250 m; 1; sena, ? csena; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 2011.

***Milesia semiluctifera* (Villers, 1798)** [*M. splendida* (Rossi, 1790)] – E1, E2, V3, S22, TL, RW, BN, BS; 0-800 m; 1, 2; cset; Nedelkov 1909, 1912; Drensky 1934a, 1942, 1955; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006, 2011.

***Palumbia eristaloides* Portschinsky, 1887** [*P. flavipes* Paramonov, 1927] – O62; 180-250 m; 1; bc; Drensky 1939a.

***Spilomyia diophthalma* (Linnaeus, 1758)** – P2, V1; 320-600 m; 1; tp; Nedelkov 1912; Drensky 1934a; Peck 1988.

***Spilomyia saltuum* (Fabricius, 1794)** – S21, S22, T31, R1, BS; 0-140 m; 1, 2, 3; cse; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 2011.

***Syritta flaviventris* Macquart, 1842** – T31, O62, BS; 0-450 m; 1; swpnata, ? sk; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 2011.

***Syritta pipiens* (Linnaeus, 1758)** – ♦; DW, DM, E1, E2, P1, P2, B1, B2, K2, K6, K9, V1, V4, S1, S22, TL, T2, T31, O62, R1, R2, R3, RW, RE, BN, BS; 0-1320 m; 1, 2, 3; hno, ? sk; Meunier 1897; Nedelkov 1909, 1912;

Drensky 1934a, 1942, 1955; Szilády 1934; Bankowska 1967b; Markova & Tsonev 1993; Markova 1994a, 1994b, 1994c, 1997, 1998, 1998a, 2003, 2006, 2011; Markova & Dimcheva 1998; Markova & Alexiev 2000; Beschovski 2004a, 2006a.

***Tropidia fasciata* Meigen, 1822** – K6; 680 m; 1, 2; des; Markova 1994b.

***Brachypalpus laphriformis* (Fallen, 1816)** [*B. bimaculatus* (Macquart, 1829)] – V4, R1; 780-1400 m; 2, 3; e; Nedelkov 1912; Drensky 1934a.

***Brachypalpus valgus* (Panzer, 1798)** – TL, BS; 0-200 m; 1; e; Nedelkov 1912; Drensky 1934a; Peck 1988.

***Chalcosyrphus femoratus* (Linnaeus, 1758)** [Zelima, *Xylota*] – T31, R1; 280-2300 m; 1, 2, 3, 4, 5; esca, ? hoes; Drensky 1934a; Bankowska 1967b; Peck 1988; Beschovski 2006a; Beschovski 2006a; Markova 2006, 2011.

***Chalcosyrphus pannonicus* (Oldenberg, 1916)** [*Zelima*] – RW; 1100 m; 3; see; Drensky 1934a; Peck 1988; Markova 2006.

***Xylota ignava* (Panzer, 1798)** [*Zelima*] – V4, S1, R1, RW; 300-1400 m; 1, 2, 3; tp; Drensky 1934a; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006.

***Xylota segnis* (Linnaeus, 1758)** [*Zelima*] – V1, V4, R1, BN, BS; 0-1400 m; 1, 2, 3; h; Nedelkov 1912; Drensky 1934a, 1942; Szilády 1934; Bankowska 1967b; Peck 1988; Markova 2011.

***Xylota sylvarum* (Linnaeus, 1758)** [*Zelima*] – V4, R1, BS; 0-1400 m; 1, 2, 3; hoes; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988.

***Microdon analis* (Macquart, 1842)** [*M. latifrons* Loew, 1856] – V4, S211; 700-800 m; 2; tp; Drensky 1934a.

***Microdon devius* (Linnaeus, 1761)** – K8, V4, T31, R1; 290-1470 m;1, 2, 3; tes, ? wces; Joakimoff 1899; Drensky 1934a; Bankowska 1967b; Peck 1988; Markova 2011.

***Microdon mutabilis* (Linnaeus, 1758)** – K9, S211, V4, R2, RW; 500-1600 m; 2, 3; hoes; Nedelkov 1912; Drensky 1934a; Bankowska 1967b; Peck 1988; Beschovski 2006a; Markova 2006.

***Microdon sophianus* Drensky, 1934** – V1; 560 m; 1; Er; Drensky 1934a; Peck 1988.

Schizophora

Acalyptrata

Micropezidae (Tylidae)

***Micropeza corrigiolata* (Linnaeus, 1767)** – V1, V4; 550-980 m; 1, 2; h; Meunier 1897; Nedelkov 1912.

Psilidae

***Oxypsila abdominalis* (Schummel, 1844)** [*Psila*] – V1; 600 m; 1, 2; csee; Nedelkov 1912.

***Chamaepsila rosae* (Fabricius, 1794)** [*Ch. hennigi* Thompson & Pont, 1994; *Psila*] – ▪; ♦; E2; 150-160 m; 1; tp, ? ha, i; Byuletin No 2 1943; Buresch & Lazarov 1956; Popoff & Nikolova 1958; Kovachevski et al. 1959; Grigorov 1972.

***Chamaepsila rufa* (Meigen, 1826)** [*Psila*] – K9, V1; 550-600 m; 1; des; Nedelkov 1912.

***Chamaepsila villosula* (Meigen, 1826)** [*Psila*] – V1; 550-600 m; 1; csee; Nedelkov 1912.

***Loxocera aristata* (Panzer, 1801)** [*L. elongata* Meigen, 1826] – V1; 550-600 m; 1; e; Nedelkov 1912.

***Loxocera fulviventris* Meigen, 1826** – RW; 1513 m; 3, 4; e; +++.

***Chyliza annulipes* Macquart, 1835** – K9; 560 m; 1; des, ? h; Nedelkov 1912.

Diopsidae

***Sphyracephala europaea* Papp & Foldvari, 1997** – DM; 30 m; 1; see; Kutsarov & Hubenov 2019.

Conopidae

***Abrachyglossum capitatum* (Loew, 1847)** – V1; 550-600 m; 1; ewca; Drensky 1939b.

***Leopoldius coronatus* (Rondani, 1857)** [*Brachyglossum*] – S1, O62, R2; 200-350 m; 1; ena; Drensky 1939b; Bankowska 1967a.

***Conops* (*Asiconops*) *elegans* Meigen, 1824** – R1; 900 m; 2; hom; Drensky 1939b; Beschovski 2006a.

***Conops* (*Asiconops*) *flavifrons* Meigen, 1824** – DM, O62, R3; 30-450 m; 1; wp; Nedelkov 1912; Drensky 1939b; Chvála & Smith 1988.

***Conops* (*Conops*) *flavipes* Linnaeus, 1758** – V1, V4, S211, O62, RW; 220-1700 m; 1, 2, 3, 4; tp; Meunier 1897; Nedelkov 1912; Drensky 1939b; Buresch 1953a; Beschovski 2006a.

***Conops* (*Conops*) *quadrifasciatus* De Geer, 1776** – V1, O62, R1; 220-1400 m; 1, 2, 3; esanca; Nedelkov 1912; Szilady 1934; Drensky 1939b.

***Conops* (*Conops*) *scutellatus* Meigen, 1804** – O4, R1; 300-1550 m; 1, 2, 3; e; Szilady 1934; Drensky 1939b.

***Conops* (*Conops*) *silaceus* Wiedemann in Meigen, 1824** – DM, B1, V1, TL, R1; 30-1550 m; 1, 2, 3; se; Nedelkov 1909, 1912; Drensky 1939b.

***Conops* (*Conops*) *strigatus* Wiedemann in Meigen, 1824** – BN; 0-50 m; 1; des; Drensky 1942.

***Conops* (*Conops*) *vesicularis* Linnaeus, 1761** – R1; 1150-1200 m; 3; tp; Joakimoff 1899; Drensky 1939b.

***Conops* (*Conops*) *vitellinus* Loew, 1847** – DW, R1; 20-450 m; 1; nm; Nedelkov 1912; Drensky 1939b.

***Physocephala chrysorrhoea* (Meigen, 1824)** – R1; 1200-1400 m; 3; tp, ? hop; Drensky 1939b.

***Physocephala lacera* (Meigen, 1824)** – TL, O62, BS; 0-250 m; 1; tp; Nedelkov 1912; Drensky 1939b; Bankowska 1967a.

***Physocephala nigra* (De Geer, 1776)** – R1; 900 m; 2; tp, ? hop; Drensky 1939b.

***Physocephala pusilla* (Meigen, 1824)** – E1, R2, BN, BS; 0-400 m; 1; wcp; Nedelkov 1909, 1912; Drensky 1939b; Bankowska 1967a.

***Physocephala rufipes* (Fabricius, 1781)** – P2, O62, R3, R5, RW; 130-1400 m; 1, 2, 3; tp; Nedelkov 1912; Drenowsky 1936; Drensky 1939b; Bankowska 1967a; Beschovski 2006a.

***Physocephala variegata* (Meigen, 1824)** – R1, BN, BS; 0-1400 m; 1, 2, 3; sp; Nedelkov 1912; Drensky 1939b; Bankowska 1967a.

***Physocephala vittata* (Fabricius, 1794)** – V4, S211, TL, O62, R3, R4, BS; 0-1100 m; 1, 2, 3; wcp; Nedelkov 1912; Drensky 1939b; Buresch 1953a; Bankowska 1967a.

***Zodion cinereum* (Fabricius, 1794)** – V1, TL, R1, RE, BN, BS; 0-1500 m; 1, 2, 3; po; Nedelkov 1912; Szilady 1934; Drensky 1939b; Bankowska 1967a; Beschovski 2006a.

***Zodion erythrurum* Rondani, 1865** [*Z. grande* Kröber, 1915] – O62, R1; 220-1400 m; 1, 2, 3; tp, ? wcp, sp; Drensky 1939b.

***Zodion notatum* (Meigen, 1804)** – B3, S1, R1, RW, BS; 0-1600 m; 1, 2, 3, 4; hop; Drensky 1939b; Bankowska 1967a; Beschovski 2006a.

***Myopa buccata* (Linnaeus, 1758)** – V4, R1, R2, R4, RW, BN; 0-1950 m; 1, 2, 3, 4, 5; tp; Löw 1862; Joakimoff 1899; Drensky 1939b; Bankowska 1967a; Beschovski 2006a.

***Myopa dorsalis* Fabricius, 1794** – V1, R1, BN; 0-1400 m; 1, 2, 3; wpo; Nedelkov 1912; Drensky 1939b.

***Myopa fasciata* Meigen, 1804** – O62, R3; 430-1200 m; 1, 2, 3; tp; Drensky 1939b.

***Myopa occulta* Wiedemann in Meigen, 1824** – V4; 770-830 m; 2; hop; Szilady 1934; Drensky 1939b; Buresch 1953a.

***Myopa picta* Panzer, 1798** – RW, BN; 0-1000 m; 1, 2; wpo; Drensky 1939b; Bankowska 1967a; Beschovski 2006a.

***Myopa polystigma* Rondani, 1857** – BN; 0-20 m; 1; ? des; Drensky 1939b.

***Myopa testacea* (Linnaeus, 1767)** – V1, V4, TL, R1, BN; 0-1700 m; 1, 2, 3, 4; ho, ? hop; Nedelkov 1912; Drensky 1939b; Buresch 1953a; Bankowska 1967a.

***Melanosoma bicolor* (Meigen, 1824)** – S211, O62, R3; 220-1600 m; 1, 2, 3, 4; wp; Drenowsky 1936, 1939; Drensky 1939b; Bankowska 1967a.

***Melanosoma nigritarse* Strobl, 1902** – V3; 900-1000 m; 2; Eb; Drensky 1939b.

***Myopotta pallipes* (Wiedemann in Meigen, 1824)** – R1; 400 m; 1; wesanca; Drensky 1939b; Beschovski 2006a.

***Thecophora atra* (Fabricius, 1775)** [*Occemyia*] – E2, B1, V1, V4, TL, O5, R1, RW, BN; 0-1500 m; 1, 2, 3; po; Nedelkov 1912; Szilady 1934; Drensky 1939b, 1955; Buresch 1953a; Bankowska 1967a; Beschovski 2006a.

***Thecophora distincta* (Wiedemann in Meigen, 1824)** [*Occemyia*] – O62; 220-300 m; 1; esanca; Drensky 1939b.

***Thecophora fulvipes* (Robineau-Desvoidy, 1830)** [*Occemyia sunderwalli* (Zetterstedt, 1844)] – P1, B1, V3; 350-900 m; 1, 2; tp, ? hop; Szilady 1934; Drensky 1939b.

***Thecophora melanopa* Rondani, 1857** [*Occemyia*] – O62; 90-100 m; 1; wcp; Drensky 1939b.

***Thecophora pusilla* (Meigen, 1824)** [*Occemyia*] – V1, R1; 600-1400 m; 2, 3; hop; Nedelkov 1912; Drensky 1939b.

***Sicus ferrugineus* (Linnaeus, 1761)** – E2, B2, K9, V4, S22, R1, R3, RW; 220-1700 m; 1, 2, 3, 4; po; Joakimoff 1899; Nedelkov 1912; Szilady 1934; Drenowsky 1936; Drensky 1939b, 1955; Buresch 1953a; Bankowska 1967a; Beschovski 2006a.
***Sicus fusenensis* Ouchi, 1939** – ♠; dp; Chvála & Smith 1988.
***Dalmannia aculeata* (Linnaeus, 1761)** – E1, TL, O62, R3, BN; 0-1500 m; 1, 2, 3, 4; wp; Löw 1862; Szilady 1934; Drenowsky 1936, 1939; Drensky 1939b; Bankowska 1967a.
***Dalmannia marginata* (Meigen, 1824)** – BS; 0-5 m; 1; eant; Drensky 1939b.
***Dalmannia punctata* (Fabricius, 1794)** – V1, V4, RW, BS; 0-1000 m; 1, 2; eanit; Drensky 1939b; Bankowska 1967a; Beschovski 2006a.

Lonchaeidae

***Lonchaea chorea* (Fabricius, 1781)** – V1, V4; 550-980 m; 1, 2; h; Nedelkov 1912.
***Lonchaea fugax* Becker, 1895** – V4; 1550 m; 4; wp; Doychev et al. 2016.
***Lonchaea peregrina* Becker, 1895** – R2; 280 m; 1; e; Kechev & Langourov 2019.
***Silba fumosa* Egger, 1864** [*Setisquamalonchaea*] – R2, RE; 280-300 m; 1; h; Kechev & Langourov 2019.
***Silba virescens* Macquart, 1851** [*Lonchaea aristella* Becker, 1903] – ▪; TL, O62, BS; 0-300 m; 1; atm; Tsalev & Krastev 1955 Byuletin 1957a, 1957b.

Ulidiidae

***Physiphora alceae* (Preyssler, 1791)** [*Ph. demandata* (Fabricius, 1798); *Chrysomyza*] – E1, E2, TL, R3; 20-1700 m; 1, 2, 3, 4; k; Nedelkov 1909, 1912; Drenowsky 1936; Lavčiev 1965d; Lavchiev & Jovčev 1978.
***Euxesta pechumani* Curran, 1938** – ♠; h, i; Tomov et al. 2009.
***Callopistromyia annulipes* (Macquart, 1855)** – V1; 550-600 m; 1; h, i; +++; reported from Nataliya Popova.

Otitidae (Ortalidae)

***Dorycera graminum* (Fabricius, 1794)** – V1, TL; 180-600 m; 1; ean; Nedelkov 1912.
***Dorycera hybrida* Loew, 1862** – BN; 0-20 m; 1; nm; Löw 1862; Soós 1984.
***Dorycera maculipennis* Macquart, 1843** – S1, BN; 0-300 m; 1; nm; Löw 1862, 1863; Soós 1984.
***Otites formosa* (Panzer, 1798)** [*O. ruficeps* (Fabricius, 1805); *Ortalis*] – K9, S1, S23, TL, BN; 0-550 m; 1; e; Löw 1862, 1863; Nedelkov 1912; Beuk et al. 2007; Dvořák et al. 2021.
***Otites lamed* (Schrank, 1781)** – S23; 215-227 m; 1; e; Beuk et al. 2007; Dvořák et al. 2021.
***Otites levigata* (Loew, 1873)** – S23; 383 m; 1; cse; Beuk et al. 2007; Dvořák et al. 2021.
***Tetanops* (*Tetanops*) *psammophila* Loew, 1862** – BN; 0-20 m; 1; Ebg; Löw 1862; Soós 1984.
***Tetanops* (*Tetanops*) *myopina* Fallén, 1820** – BN; 0-20 m; 1; e; Drensky 1942.
***Ceroxys fraudulosa* (Loew, 1864)** – BN; 0-20 m; 1; se; Löw 1862; Soós 1984.
***Ceroxys hortulana* (Rossi, 1790)** [*Ortalis*] – DM, P1, BN; 0-190 m; 1; ess; Löw 1862; Nedelkov 1912.
***Herina aartseni* Merz, 2002** – BS; 20 m; 1; em; Merz 2002; Kameneva 2007.
***Herina nigrina* (Meigen, 1826)** – B3, S23; 294-500 m; 1; e; Kameneva 2007; Dvořák et al. 2021.
***Seioptera vibrans* (Linnaeus, 1758)** – V4; 800-1000 m; 2; h; Nedelkov 1912.

Platystomatidae (Platystomidae)

***Platystoma lugubre* (Robineau-Desvoidy, 1830)** – O61; 270-380 m; 1; ean; Gregor & Povolny 1959.
***Platystoma seminationis* (Fabricius, 1775)** – B1, B2, V4; 800-1000 m; 2; ean; Nedelkov 1912.
***Platystoma subfasciatum* Loew, 1862** – S1, BN; 0-300 m; 1; ban; Löw 1862, 1863.
***Platystoma tegularium* Loew, 1859** – P2, V1, TL, RW; 130-600 m; 1; cse; Nedelkov 1909, 1912; Beschovski 2006a.

Tephritidae (Trypetidae)

***Acanthiophilus helianthi* (Rossi, 1794)** [*A. eluta* (Meigen, 1826)] – ▪; ♦; DM, V1, TL, T2, BN, BS; 0-700 m; 1, 2; po; Nedelkov 1912; Tschorbadjiew 1940; Drensky 1943; Buresch & Lazarov 1956; Dirlbek & Dirlbek 1963.

***Acidia cognata* (Wiedemann, 1817)** – R1; 1150-1300 m; 3; e; Buhr 1941.
***Acinia corniculata* (Zetterstedt, 1819)** – K4; 700-1000 m; 2; e; Drensky 1943; Dirlbek & Dirlbek 1963.
***Aciura coryli* (Rossi, 1794)** [*A. femoralis* Robineau-Desvoidi, 1830] – ▪; B2, V1, S1, O62, R2, R3, RW, BN; 50-1700 m; 1, 2, 3, 4; mit; Löw 1863; Nedelkov 1912; Drenowsky 1931; Drensky 1931a, 1931b, 1940, 1943; Buresch & Lazarov 1956; Beschovski 2006a.
***Anomoia purmunda* (Harris, 1780)** [*Phagocarpus*] – V4; 770-830 m; 2; tp; Drensky 1940, 1943; Buresch 1953a; Buresch & Lazarov 1956; Dirlbek & Dirlbek 1963.
***Euaresta bullans* (Wiedemann, 1830)** [*Camaromyia*] – BN; 0-5 m; 1; sk; Dirlbek & Dirlbek 1963.
***Carpomya schineri* (Loew, 1856)** – ▪; ♦; V1; 650 m; 1, 2; tp; Drensky 1943; Buresch 1953a; Buresch & Lazarov 1956; Dirlbek & Dirlbek 1963; Grigorov 1972.
***Carpomya vesuviana* Costa, 1854** – BN; 0-10 m; 1; wpo; Drensky 1943.
***Ceratitis capitata* (Wiedemann, 1824)** – BN, BS; 0-50 m; 1; sk, ? k; Tschorbadjiew 1939a; Statelov 1942; Drensky 1943; Byuletin 1957b; Dikov 1962; Momchilov 1962.
***Chaetorellia australis* Hering, 1940** – ♠; h, ? i; Foote, 1984.
***Chaetorellia jaceae* (Robineau-Desvoidy, 1830)** – B2, V1, V4; 600-1600 m; 2, 3, 4; wp; Nedelkov 1912; Buresch 1953a; Dirlbek & Dirlbek 1963.
***Dithryca guttularis* (Meigen, 1826)** – B2, V1; 550-620 m; 1; des; Nedelkov 1912; Drensky 1943; Dirlbek & Dirlbek 1963.
***Ensina sonchi* (Linnaeus, 1767)** – V1, BN; 0-550 m; 1; ppt; Drensky 1940, 1943; Dirlbek & Dirlbek 1963.
***Euleia heraclei* (Linnaeus, 1758)** [*Philopylla*] – S1, R1, BN; 0-2200 m; 1, 2, 3, 4, 5; tp; Drensky 1940, 1943; Buhr 1941; Dirlbek & Dirlbek 1963.
? *Goniglossum wiedemanni* (Meigen, 1826) – ♠; csena; Drensky 1943; Dirlbek & Dirlbek 1963.
***Philophylla caesio* (Harris, 1780)** [*Myoleja*] – B2; 1600 m; 4; e; Drensky 1943; Dirlbek & Dirlbek 1963.
***Myopites inulaedyssentericae* Blot, 1927** – BN; 0-60 m; 1; wp; Drensky 1943; Dirlbek & Dirlbek 1963.
***Myopites stylatus* (Fabricius, 1794)** – E1, BN, BS; 0-50 m; 1; sena, ? hom; Dirlbek & Dirlbek 1963.
***Oedaspis sofiana* Drensky, 1943** – V1; 550 m; 1; Ebg; Drensky 1943.
***Terellia* (*Cerajocera*) *ceratocera* (Hendel, 1913)** – K8; 600-650 m; 1; wesan; Drensky 1943; Dirlbek & Dirlbek 1963.
***Terellia* (*Cerajocera*) *lappae* (Cederhielm, 1798)** – K9; 530-580 m; 1; ei; Drensky 1943; Dirlbek & Dirlbek 1963.
***Terellia* (*Cerajocera*) *tussilaginis* (Fabricius, 1775)** [*Orellia*] – TL; 75-80 m; 1; esan; Drensky 1940, 1943; Dirlbek & Dirlbek 1963; Beschovski 2004a.
***Terellia* (*Terellia*) *colon* (Meigen, 1826)** [*Orellia*, *Trypeta*] – V1, R1; 700-1400 m; 2, 3; wp; Nedelkov 1912; Drensky 1940, 1943; Dirlbek & Dirlbek 1963.
***Orellia falcata* (Scopoli, 1763)** – R3; 410-450 m; 1; ? wp; Drensky 1943; Dirlbek & Dirlbek 1963.
***Orellia stictica* (Gmelin, 1790)** [*O. punctata* (Schrank, 1781)] – V4; 1080 m; 3; dp; Drensky 1940, 1943; Buresch 1953a; Dirlbek & Dirlbek 1963.
***Oxyaciura tibialis* (Robineau-Desvoidy, 1830)** – S1, R3; 240-1000 m; 1, 2; swpat; Drensky 1940, 1943; Buresch & Lazarov 1956; Dirlbek & Dirlbek 1963.
***Oxyna flavipennis* (Loew, 1844)** – P2, B1, B2, V1, V4, R1, R3, RW; 300-1400 m; 1, 2, 3; wces; Nedelkov 1912; Drensky 1943; Buresch 1953a; Dirlbek & Dirlbek 1963; Beschovski 2006a.
***Oxyna nebulosa* (Wiedemann, 1817)** – R2; 1810 m; 4; eswa; Drensky 1943; Dirlbek & Dirlbek 1963.
***Oxyna parietina* (Linnaeus, 1758)** – BN; 0-20 m; 1; e; Drensky 1940, 1943; Dirlbek & Dirlbek 1963.
***Paracanthella pavonina* (Portschinsky, 1875)** – BN; 0-20 m; 1; ees; Dirlbek & Dirlbek 1963.
***Campiglossa absinthii* (Fabricius, 1805)** [*Paroxyna*, *Tephritis*] – K4, V1, V4, TL, BN; 0-1000 m; 1, 2; tp; Nedelkov 1912; Drensky 1943; Buresch 1953a; Dirlbek & Dirlbek 1963; Beschovski 1964a, 2004a.
***Campiglossa difficilis* (Hendel, 1927)** [*Paroxyna*] – V1; 600 m; 1, 2; esca; Drensky 1940, 1943; Dirlbek & Dirlbek 1963.
***Campiglossa misella* (Loew, 1869)** [*Paroxyna*] – BN; 0-20 m; 1; po; Drensky 1940, 1943; Dirlbek & Dirlbek 1963.
***Campiglossa plantaginis* (Haliday, 1833)** [*Paroxyna*] – V1; 550-600 m; 1, e; Drensky 1943; Dirlbek & Dirlbek 1963.
***Campiglossa punctella* (Fallén, 1814)** [*Paroxyna*] – R3; 1000 m; 2; eca; Drensky 1940, 1943; Dirlbek & Dirlbek 1963.
***Campiglossa tessellata* (Loew, 1844)** [? = *C. difficilis* (Hendel, 1927); *Paroxyna*] – V1, V3, V4, R3, BN; 0-1100 m; 1, 2, 3; wcp; Nedelkov 1912; Drensky 1943; Buresch 1953a; Dirlbek & Dirlbek 1963.

***Platyparea discoidea* (Fabricius, 1787)** – V1; 550-600 m; 1; e; Drensky 1940, 1943; Dirlbek & Dirlbek 1963.

***Plioreocepta poeciloptera* (Schrank, 1776)** [*Platyparea*] – V1; 550-600 m; 1; ewca; Drensky 1943; Popoff & Nikolova 1958; Dirlbek & Dirlbek 1963.

***Rhagoletis alternata* (Fallén, 1814)** – V4, S1, BN; 0-830 m; 1, 2; des; Drensky 1943; Buresch 1953a; Buresch & Lazarov 1956; Dirlbek & Dirlbek 1963.

***Rhagoletis cerasi* (Linnaeus, 1758)** – ▪; ♦; DW, E1, E2, P1, P2, B1, K9, V1, S1, TL, RW; 0-1000 m; 1, 2; eanit, h, i; Malkov 1903, 1907; Stamboliev 1907; Kozarov 1908; Nedelkov 1912; Tschorbadjiew 1924b, 1927, 1928a, 1928b, 1929a, 1929b, 1930a, 1930b, 1932, 1933, 1936, 1938, 1940; Popov 1928, 1954, 1958; Gaydarov 1930; Belov 1931; Spasov 1932; Zahov 1934; Stribarni 1934; Petkoff 1939; Drensky 1943; Balevski & Felbinger 1943; Byuletin No 2 1943, No 3 1945; Hristov 1948; Zhelev 1948a; Lazarov 1949a, 1949b; Buresch & Lazarov 1956; Popoff 1956; Byuletin 1956, 1957a, 1957b; Gospodinov 1958; Kovachevski et al. 1959; Lazarov et al. 1960, 1965; Dirlbek & Dirlbek 1963; Grigorov 1972, 1976; Harizanov et al. 1996; Beschovski 2006a.

***Chaetostomella cylindrica* (Robineau-Desvoidy, 1830)** [*Ch. anotrophes* (Loew, 1846)] – E1, B2, V4, BN; 0-1880 m; 1, 2, 3, 4, 5; wp; Drensky 1940, 1943; Buresch 1953a; Dirlbek & Dirlbek 1963.

***Sphenella marginata* (Fallen, 1814)** – R3; 1000-1600 m; 3, 4; wpat; Drensky 1943; Dirlbek & Dirlbek 1963.

***Tephritis arnicae* (Linnaeus, 1758)** – B2; 550-600 m; 1; e; Drensky 1943; Dirlbek & Dirlbek 1963.

***Tephritis bardanae* (Schrank, 1803)** – B1, V1, TL, R1; 60-1300 m; 1, 2; 3; eit; Joakimoff 1899; Nedelkov 1912; Drensky 1943; Dirlbek & Dirlbek 1963; Beschovski 2004a.

***Tephritis cometa* (Loew, 1840)** – BN, BS; 0-50 m; 1; esca; Dirlbek & Dirlbek 1963.

***Tephritis conura* (Loew, 1844)** – B2; 1500-1600 m; 3; ? ean, ? e; Drensky 1940, 1943; Dirlbek & Dirlbek 1963.

***Tephritis crepidis* Hendel, 1927** – P1, B1; 400 m; 1; wesca; Drensky 1943; Dirlbek & Dirlbek 1963.

***Tephritis dilacerata* (Loew, 1846)** – E1; 40 m; 1; h; Dirlbek & Dirlbek 1963.

***Tephritis dioscurea* (Loew, 1856)** – B2; 1900-2200 m; 4, 5; dp; Drensky 1943; Dirlbek & Dirlbek 1963.

***Tephritis fallax* (Loew, 1844)** – B2; 500-700 m, 2; e, bm; Drensky 1943; Dirlbek & Dirlbek 1963.

***Tephritis formosa* (Loew, 1844)** – TL; 60 m; 1; eswa; Drensky 1940, 1943; Dirlbek & Dirlbek 1963; Beschovski 2004a.

***Tephritis leontodontis* (De Geer, 1776)** – B2; 550-600 m; 1, 2; wp; Drensky 1940, 1943; Dirlbek & Dirlbek 1963.

***Tephritis matricariae* (Loew, 1844)** – TL; 60 m; 1; wp; Drensky 1940, 1943; Dirlbek & Dirlbek 1963; Beschovski 2004a.

***Tephritis neesii* (Meigen, 1830)** – R3; 1000 m; 2, 3; wes; Drensky 1943; Dirlbek & Dirlbek 1963.

***Tephritis nigricauda* (Loew, 1856)** – B1, TL, O62, R3; 60-800 m; 1, 2; wp; Nedelkov 1912; Drensky 1940, 1943; Dirlbek & Dirlbek 1963; Beschovski 2004a.

***Tephritis praecox* (Loew, 1844)** [*T. poecilura* Loew, 1869] – O62, R3, BN; 50-1000 m; 1, 2; wp; Drensky 1940, 1943; Dirlbek & Dirlbek 1963.

***Tephritis pulchra* (Loew, 1844)** – TL, R3; 60-1000 m; 1, 2; wp; Drensky 1940, 1943; Dirlbek & Dirlbek 1963; Beschovski 2004a.

***Tephritis ruralis* (Loew, 1844)** – BN; 0-10 m; 1; ena, ? wp; Dirlbek & Dirlbek 1963.

***Tephritis truncata* (Loew, 1844)** – O62, R3; 430-550 m; 1; ena; Drensky 1940, 1943; Dirlbek & Dirlbek 1963.

***Tephritis vespertina* (Loew, 1844)** – V4, R1; 780-1400 m; 2, 3; ena; Drensky 1940, 1943; Buresch 1953a; Dirlbek & Dirlbek 1963.

***Terellia* (*Terellia*) *serratulae* (Linnaeus, 1758)** – K9, BN; 0-650 m; 1; wcp; Drensky 1940, 1943; Dirlbek & Dirlbek 1963.

***Terellia* (*Terellia*) *virens* (Loew, 1846)** – BN, BS; 0-20 m; 1; h; Dirlbek & Dirlbek 1963.

***Trupanea amoena* (Frauenfeld, 1857)** – O62; 85-270 m; 1; pata; Drensky 1940, 1943; Buresch & Lazarov 1956; Dirlbek & Dirlbek 1963.

***Trupanea stellata* (Fuesslin, 1775)** – E1, O62, BN; 0-250 m; 1; po; Drensky 1943; Dirlbek & Dirlbek 1963; Beschovski 1964a.

***Trypeta artemisiae* (Fabricius, 1794)** – P1, R1; 260-1150 m; 1, 2, 3; tp; Drensky 1940, 1943; Buhr 1941; Dirlbek & Dirlbek 1963.

***Trypeta zoe* Meigen, 1826** – V1, BN; 0-600 m; 1; des; Drensky 1940, 1943; Dirlbek & Dirlbek 1963.

***Urophora affinis* (Frauenfeld, 1857)** – BN; 0-60 m; 1; h; Dirlbek & Dirlbek 1963.

***Urophora aprica* (Fallen, 1814)** [*Euribia*] – P1, B2, BN; 0-600 m; 1; ean; Drensky 1940, 1943; Dirlbek & Dirlbek 1963.

***Urophora cardui* (Linnaeus, 1758)** [*Euribia*] – TL; 70-90 m; 1; h; Drensky 1940, 1943; Dirlbek & Dirlbek 1963; Beschovski 2004a.
***Urophora congrua* Loew, 1862** [*Euribia*] – V1; 700 m; 1, 2; csean; Drensky 1943; Dirlbek & Dirlbek 1963.
***Urophora cuspidata* (Meigen, 1826)** [*Euribia*] – S23; 260-430 m; 1; des; Drensky 1943; Dirlbek & Dirlbek 1963.
***Urophora mauritanica* Macquart, 1851** [*U. algira* Macquart, 1843; *U. macrura* (Loew, 1851)] – TL, T31, BN; 50-500 m; 1; mwca; Dirlbek & Dirlbek 1963; Beschovski 2004a.
***Urophora quadrifasciata* (Meigen, 1826)** [*Euribia*] – E1, B2, BN, BS; 0-570 m; 1; h; Drensky 1940, 1943; Dirlbek & Dirlbek 1963.
***Urophora solstitialis* (Linnaeus, 1758)** – P1, B1, V1, S1, TL, BN; 0-700 m; 1, 2; ha; Nedelkov 1912; Drensky 1943; Dirlbek & Dirlbek 1963; Beschovski 2004a.
***Urophora stylata* (Fabricius, 1775)** [*Euribia*] – P2, B2, BN; 0-450 m; 1; hoa; Drensky 1943; Dirlbek & Dirlbek 1963.
***Urophora terebrans* (Loew, 1850)** [*Euribia eriolepidis* (Loew, 1856)] – V1; 550-600 m; 1; eani; Drensky 1943; Dirlbek & Dirlbek 1963.
***Inuromaesa maura* (Frauenfeld, 1857)** [*Euribia*] – BN; 60 m; 1; wesca; Drensky 1943.
***Stemonocera cornuta* (Scopoli, 1763)** [*Vidalia*] – R1; 1150-1300 m; 3; tp; Buhr 1941.
***Xyphosia miliaria* (Schrank, 1781)** [*X. miliaris balcanica* Drensky, 1943] – B2, V1, TL; 150-2100 m; 1, 2, 3, 4, 5; hoes, ? tp; Nedelkov 1912; Drensky, 1943; Dirlbek & Dirlbek 1963; Foote 1984.

Pallopteridae

***Toxoneura usta* (Meigen, 1826)** [*Palloptera*] – V1; 550-600 m; 1; e; Nedelkov 1912.

Piophilidae

***Piophila casei* (Linnaeus, 1758)** – ▲; ♦; V1, S1, T31, BN, BS; 0-700 m; 1, 2; k; Nedelkov 1912; Drenowsky 1921b; Tschorbadjiew 1928a, 1928b; Drensky 1928, 1960; Popoff 1939b, 1941, 1948; Buresch & Lazarov 1956; Beschovski 1965.
***Liopiophila varipes* (Meigen, 1830)** [*Piophila affinis* Meigen, 1830] – V1, R2; 550-1810 m; 1, 2, 3, 4; h; Nedelkov 1912; Drensky 1928; Gregor & Povolny 1959.
***Stearibia nigriceps* (Meigen, 1826)** [*Piophila foveolata* Meigen, 1826)] – ▲; V1; 550-600 m; 1; hn; Drensky 1928; Buresch & Lazarov 1956.

Lauxaniidae (Sapromyzidae)

***Homoneura christophi* (Becker, 1895)** – ♠; e; Papp 1984a; Pape & Beuk 2017.
***Homoneura limnea* (Becker, 1895)** – ♠; e; Papp 1984a; Pape & Beuk 2017.
***Homoneura notata* (Fallén, 1820)** – ♠; ei; Papp 1984a; Pape & Beuk 2017.
***Homoneura patelliformis* (Becker, 1895)** – ♠; e; Papp 1984a; Pape & Beuk 2017.
***Minettia longipennis* (Fabricius, 1794)** – ♠; h; Papp 1984a; Pape & Beuk 2017.
***Minettia bulgarica* Papp, 1981** – BN; 0-20 m; 1; seei; Papp 1981, 1984a; Pape & Beuk 2017.
***Minettia fasciata* (Fallén, 1820)** – ♠; h; Papp 1984a; Pape & Beuk 2017.
***Minettia flaviventris* (Costa, 1844)** – ♠; e; Papp 1984a; Pape & Beuk 2017.
***Minettia lupulina* (Fabricius, 1787)** – P1, TL. BS; 0-530 m; 1; h; Lavčiev 1965b; Beschovski 2004a.
***Minettia plumicornis* (Fallén, 1820)** – V1, BN; 0-600 m; 1; e; Löw 1862; Nedelkov 1912.
***Lyciella affinis* (Zetterstedt, 1847)** – ♠; e; Papp 1984a; Pape & Beuk 2017.
***Lyciella conjugata* (Becker, 1895)** – ♠; e; Papp 1984a; Pape & Beuk 2017.
***Lyciella decipiens* (Loew, 1847)** [*Sapromyza*] – V1; 600 m; 1, 2; e; Nedelkov 1912; Papp 1984a; Pape & Beuk 2017.
***Lyciella laeta* (Zetterstedt, 1838)** – ♠; e; Papp 1984a; Pape & Beuk 2017.
***Lyciella pallidiventris* (Fallén, 1820)** [*Sapromyza*] – V1; 600 m; 1; e; Nedelkov 1912.
***Calliopum aeneum* (Fallén, 1820)** [*Halidayella*] – V1, R1; 550-1400 m; 1, 2, 3; e; Nedelkov 1912; Drenowsky 1939; Drensky 1939a.
***Sapromyzosoma quadricincta* (Becker, 1895)** – ♠; e; Papp 1984a; Pape & Beuk 2017.

***Sapromyzosoma quadripunctata* (Linnaeus, 1758)** [*Sapromyza*] – V1; 600 m; 1; ei; Nedelkov 1912.
***Sapromyza apicalis* Loew, 1847** – V1; 600 m; 1; wesanca; Nedelkov 1912.
***Sapromyza intonsa* Loew, 1847** – ♠; ean; Papp 1984a; Pape & Beuk 2017.
***Sapromyza simplicior* Hendel, 1908** [*S. simplex* Loew, 1847] – V1; 600 m; 1; eca; Nedelkov 1912.

Cremifaniidae

***Cremifania bulgarica* Papp, 2010** – R1; 2250 m; 5; Er; Papp 2010.

Chamaemyiidae (Ochthiphilidae)

***Parochthiphila* (*Euestelia*) *coronata* (Loew, 1858)** – DW, P1, S1, S211, T3, T31, O4, R2, BN, BS; 0-2350 m; 1, 2, 3, 4, 5; tp; Beschovski 1966a, 1976a, 1998c.
***Parochthiphila* (*Euestelia*) *nigripes* (Strobl, 1900)** – S1, S22, RE, BN, BS; 0-690 m; 1; nmwca; Beschovski 1998c.
***Parochthiphila* (*Euestelia*) *transversa* Hennig, 1938** – V4; 1070 m; 3; see; Beschovski 1998c.
***Parochthiphila* (*Parochthiphila*) *kirilli* Tanasijtshuk, 1986** – BN; 0-5 m; 1; see; Beschovski 1998c.
***Parochthiphila* (*Parochthiphila*) *spectabilis* (Loew, 1858)** – TL, O62, BN, BS; 0-150 m; 1; wes; Beschovski 1998c.
***Chamaemyia aestiva* Tanasijtshuk, 1970** – P1, B1, V4, V5, S211, R2, RW, BN; 150-2500 m; 1, 2, 3, 4, 5; tp, ? hop; Tanasijtshuk & Beschovski 1991; Beschovski 1995b, 2006a.
***Chamaemyia aridella* (Fallén, 1823)** [*Ch. juncorum* (Fallén, 1823)] – DW, B2, V4, V5, S1, O4, R2, RW, BS; 0-2200 m; 1, 2, 3, 4, 5; e, ? h; Beschovski 1966a, 1995b; Tanasijtshuk & Beschovski 1991, 2006a.
***Chamaemyia bicolor* Beschovski, 1994** [*Ch. flavipalpis* (Haliday, 1838)] – P1, B2, V5, O62, R2, BN, BS; 0-1450 m; 2, 3; Ebg; Tanasijtshuk & Beschovski 1991; Beschovski 1994a, 1995b.
***Chamaemyia emiliae* Tanasijtshuk, 1970** – B2, V4, V5, S1, S211, O4, R2, RW; 600-1800 m; 1, 2, 3, 4; ceet; Tanasijtshuk & Beschovski 1991; Beschovski 1995b, 2006a.
***Chamaemyia flavipalpis* (Haliday, 1838)** – P1, B2, O62, R2, BN, BS; 0-1450 m; 1, 2, 3; h; Tanasijtshuk 1984; Tanasijtshuk & Beschovski 1991.
***Chamaemyia flavoantennata* Beschovski, 1994** [*Ch. flavipalpis* (Haliday, 1838)] – P1, B2, O62; 50-1500 m; 1, 2, 3; ee; Tanasijtshuk & Beschovski 1991; Beschovski 1994a, 1995b.
***Chamaemyia geniculata* (Zetterstedt, 1838)** – S1, R3, R5; 680-1200 m; 2, 3; esca; Tanasijtshuk & Beschovski 1991; Beschovski 1994a, 1995b.
***Chamaemyia juncorum* (Fallen, 1823)** – DW, E1, E2, P1, B1, B2, V4, S22, T31, O4, O62, R2, R3, R5, RW, BN, BS; 0-2200 m; 1, 2, 3, 4, 5; tp, ? hop; Beschovski 1966a, 1995b; Tanasijtshuk & Beschovski 1991, 2006a.
***Chamaemyia polystigma* (Meigen, 1830)** – DW, E1, E2, P1, P2, B1, B2, B3, V4, S1, S211, T11, T31, O62, R2, R4, R5, RW, RE, BN, BS; 0-2000 m; 1, 2, 3, 4; tp, ? hop; Tanasijtshuk & Beschovski 1991; Beschovski 1995b, 2004a, 2006a.
***Chamaemyia subjuncorum* Tanasijtshuk, 1970** – DW, P2, B1, B2, V4, S1, S22, R1, R2, R3, R5; 90-2500 m; 1, 2, 3, 4, 5, 6; dp, ? tp; Tanasijtshuk & Beschovski 1991; Beschovski 1995b.
***Chamaemyia submontana* Beschovski, 1994** – V4; 1300-1600 m; 3, 4; csee, m; Beschovski 1994a, 1995b; Beschovski & Merz 1998.
***Chamaemyia sylvatica* Collin, 1966** – B3, V4; 1000-1300 m; 2, 3; ean; Tanasijtshuk & Beschovski 1991; Beschovski 1995b; Beschovski & Merz 1998; Ebejer & Barták 2019.
***Leucopis* (*Leucopis*) *annulipes* Zetterstedt, 1848** – ♠; h; Tanasijtshuk 1984; Beschovski 1998a.
***Leucopis* (*Leucopis*) *aphidiperda* Rondani, 1847** – P2, B2, RW, RE, BN; 0-730 m; 1, 2; tp; Beschovski 1998a, 2006a.
***Leucopis* (*Leucopis*) *argentata* Heeger, 1848** – BN, BS; 0-5 m; 1; hata; Beschovski 1998a.
***Leucopis* (*Leucopis*) *atritarsis* Tanasijtshuk, 1958** [*L. griseola* (Fallén, 1823)] – DW, DM, E2, P1, B2, V1, O62, R2, BN; 0-600 m; 1; h; Beschovski 1966a, 1998a.
***Leucopis* (*Leucopis*) *compacta* Tanasijtshuk, 1972** – BN; 0-15 m; 1; eanca; Beschovski 1998a; Ebejer & Barták 2019.
***Leucopis* (*Leucopis*) *dobrodginus* Beschovski, 1998** – BN; 0-5 m; 1; Ebg; Beschovski 1998a.
***Leucopis* (*Leucopis*) *glyphinivora* Tanasijtshuk, 1958** – DW, E2, P2, V4, O62, R2, R3, R5, BN, BS; 0-2000 m; 1, 2, 3, 4; ho; Beschovski 1998a.

***Leucopis* (Leucopis) *ninae* Tanasijtshuk, 1966** – BN; 0-10 m; 1; wcp, ? hat; Beschovski 1998a; Ebejer & Barták 2019.
***Leucopis* (*Leucopis*) *pallidolineata* Tanasijtshuk, 1961** – R5; 500-550 m; 1; esanca; Beschovski 1998a.
***Leucopis* (*Leucopis*) *pseudomelanopus* Tanasijtshuk, 1961** – DW, DM, E2, S1, O62, R2, BN; 0-700 m; 1, 2; cset; Beschovski 1998a.
***Leucopis* (*Leucopis*) *revisenda* Tanasijtshuk, 1970** – R2; 350-450 m; 1; nmwca; Beschovski 1998a.
***Leucopomyia silesiaca* (Egger, 1862)** [*Leucopis*] – ♠; tp; Tanasijtshuk 1984; Beschovski 1998a.

Coelopidae

***Coelopa* (*Fucomyia*) *frigida* (Fabricius, 1805)** [*C. eximia* (Stenhammar, 1854)] – BN; 0-5 m; 1; h; Beschovski 164a, 1964b, 1965.
***Coelopa* (*Coelopa*) *pilipes* Haliday, 1838** – ♠; wp; Gorodkov 1984b
***Malacomyia sciomyzina* (Haliday, 1833)** – BN; 0-5 m; 1; e; Caspers 1951a; Remmert 1960; Beschovski 1964b.

Dryomyzidae

***Neuroctena anilis* Fallén, 1820** [*Dryomyza*] – B1, TL, RW; 60-1400 m; 1, 2, 3; hoes; Lavčiev 1965b; Beschovski 2006a.
***Dryomyza flaveola* (Fabricius, 1794)** – P1, B1, V4, S23, TL; 260-1650 m; 1, 2, 3, 4; e; Lavčiev 1965b.

Sciomyzidae (Tetanoceridae)

***Salticella fasciata* (Meigen, 1830)** – BN; 0-5 m; 1; ? swp; Beschovski 1972a.
***Colobaea punctata* (Lundbeck, 1923)** – BN; 0-5 m; 1; ? tp; Beschovski 1973a.
***Ditaeniella grisescens* (Meigen, 1830)** [*Pherbellia*] – BN; 0-5 m; 1; ho; Beschovski 1964a.
***Pherbellia cinerella* (Fallén, 1820)** – R1, BN; 0-99 m; 1, 2; po; Rozkošny 1965; Beschovski 1973a.
***Pherbellia czernyi* (Hendel, 1902)** – ♠; csee; Beschovski det.; +++.
***Pherbellia dorsata* (Zetterstedt, 1846)** – V1; 600 m; 1, 2; wp; Nedelkov 1912.
***Pherbellia dubia* (Fallén, 1820)** [*Sciomyza*] – V1; 600 m; 1, 2; hoes; Nedelkov 1912.
***Pherbellia griseola* (Fallén, 1820)** – ♠; h; Beschovski det.; +++.
***Pherbellia scutellaris* (von Roser, 1840)** – ♠; esca; Beschovski det.; +++.
***Pherbellia schoenherri* (Fallén, 1826)** [*Ph. punctata* (Fabricius, 1794)] – S21, S22, TL, BS; 0-900 m; 1, 2; hoes, ? esca; Nedelkov 1912.
***Pherbellia ventralis* (Fallen, 1820)** [*Sciomyza*] – V1, BN; 0-600 m; 1; ean; Nedelkov 1912; Beschovski 1973a.
***Coremacera amoena* (Loew, 1853)** [*C. trivittata* (Loew, 1860); *C. manni* (Schiner, 1864)] – V4; 770-830 m; 2; csean; Nedelkov 1912.
***Coremacera catenata* (Loew, 1847)** [*Limnia*] – V1, S1, S21, S22, TL; 0-900 m; 1, 2; eani; Löw 1862, 1863; Nedelkov 1909, 1912; Beschovski 2004a.
***Coremacera fabricii* Rozko ný, 1981** [*C. cincta* (Fabricius, 1794)] – BN; 0-5 m; 1; e; Rozkošny 1987.
***Coremacera marginata* (Fabricius, 1775)** [*Tetanocera*] – V1, TL, BN, BS; 0-600 m; 1; ean; Löw 1862; Nedelkov 1912.
***Dichetophora finlandica* Verbeke, 1964** – ♠; e; Rozkošny 1987; Greve et al. 2008.
***Dictya umbrarum* (Linnaeus, 1758)** – V1; 600 m; 1; hoes; Nedelkov 1912.
***Euthycera chaerophylli* (Fabricius, 1798)** – BN; 0-10 m; 1; ean; Löw 1862.
***Euthycera fumigata* (Scopoli, 1763)** [*Tetanocera rufifrons* (Fabricius, 1781); *Limnia recta* (Loew, 1845)] – TL, BN; 0-250 m; 1; e; Löw 1862; Nedelkov 1912.
***Euthycera stictica* (Fabricius, 1805)** [*Limnia*] – BS; 0-5 m; 1; eani; Beschovski 1972a.
***Hydromya dorsalis* (Fabricius, 1775)** – V1, BN; 0-600 m; 1; pat; Nedelkov 1912; Beschovski 1972a.
***Ilione* (*Knutsonia*) *albiseta* (Scopoli, 1763)** [*Elgiva*] – V1; 550-600 m; 1; wcp; Nedelkov 1912.
***Limnia paludicola* Elberg, 1965** – ♠; hoes, ? tes; Pape & Beuk 2017.
***Limnia unguicornis* (Scopoli, 1763)** – V1, V4, BN; 0-870 m; 1, 2; esanca; Nedelkov 1912; Beschovski 1972a.
***Pherbina coryleti* (Scopoli, 1763)** – V1, BN; 0-600 m; 1; tp; Nedelkov 1912; Beschovski 1972a.

***Psacadina verbekei* Rozkošný in Knutson & al., 1975** – ♠; eani; Pape & Beuk 2017.
***Psacadina vittigera* (Schiner, 1864)** – V1; 600 m; 1; e; Nedelkov 1912.
***Psacadina zernyi* (Mayer, 1953)** – BN; 0-5 m; 1; wp; Beschovski 1973a.
***Sepedon* (*Sepedon*) *sphegea* (Fabricius, 1775)** – B1, V1, TL, BN; 0-700 m; 1, 2; po; Nedelkov 1912; Beschovski 1972a.
***Sepedon* (*Sepedon*) *spinipes* (Scopoli, 1763)** – V1, TL, BN, BS; 0-700 m; 1, 2; tp; Nedelkov 1912; Beschovski 1972a.
***Tetanocera arrogans* Meigen, 1830** – ♠; tp; Pape & Beuk 2017.
***Tetanocera elata* (Fabricius, 1781)** – ♠; hoes, ? tp; Beschovski det.; +++.
***Tetanocera ferruginea* Fallen, 1820** – V1, V4, R1; 600-1300 m; 2, 3; h; Joakimoff 1899; Nedelkov 1912.
***Tetanocera punctifrons* Rondani, 1868** – ♠; e; Pape & Beuk 2017.
***Tetanocera silvatica* Meigen, 1830** – ♠; h; Beschovski det.; +++.
***Trypetoptera punctulata* (Scopoli, 1763)** – BN; 0-5 m; 1; tp; Beschovski 1973a.

Phaeomyiidae

***Pelidnoptera nigripennis* (Fabricius, 1794)** – V3; 800-1000 m; 2; e; Nedelkov 1912.

Helcomyzidae

***Helcomyza mediterranea* (Loew, 1854)** – BN; 0-5 m; 1; nm; Beschovski 1966a; Hubenov et al. 1993, 1998; Hubenov 2015d.

Sepsidae

***Meroplius minutus* (Wiedemann, 1830)** [*M. stercoraria* (Robineau-Desvoidy, 1830); *Nemopoda*] – V1; 600 m; 1; ho; Nedelkov 1912.
***Nemopoda nitidula* (Fallén, 1820)** [*N. cylindrica* (Fabricius, 1794)] – V1, TL; 170-600 m; 1, 2; hat; Nedelkov 1912.
***Sepsis cynipsea* (Linnaeus, 1758)** – V1, TL; 170-600 m; 1; tp; Nedelkov 1912.
***Sepsis flavimana* Meigen, 1826** – V1, V4, 550-1200 m; 1, 2, 3; ho; Nedelkov 1912.
***Sepsis fulgens* Meigen, 1826** [*S. communis* Frey, 1925] – E1, E2, R2; 30-1800 m; 1, 2, 3, 4; tp; Gregor & Povolny 1959; Lavčiev 1965a, 1972.
***Sepsis orthocnemis* Frey, 1908** – ♠; po; Zuska & Pont 1984; Pape & Beuk 2017.
***Sepsis punctum* (Fabricius, 1794)** – V1, BS; 0-600 m; 1; ho; Nedelkov 1912; Gregor & Povolny 1959; Drensky 1960.
***Sepsis thoracica* (Robineau-Desvoidy, 1830)** – ♠; ppta; Zuska & Pont 1984; Pape & Beuk 2017.
***Sepsis violacea* Meigen, 1826** – E1, E2, V1; 30-600 m; 1; po; Nedelkov 1912; Lavčiev 1965d.
***Themira annulipes* (Meigen, 1826)** – ♠; h; Zuska & Pont 1984; Pape & Beuk 2017.
***Themira minor* (Haliday, 1833)** – ♠; ho; Zuska & Pont 1984; Pape & Beuk 2017.

Acartophthalmidae

***Acartophthalmus bicolor* Oldenberger, 1910** [*A. nigrinus* Beschovski nec Zetterstedt, 1848; *A. pusio* Beschovski nec Frey, 1947] – V4, O61; 300-1000 m; 1, 2; h, m; Beschovski 1976b, 2009b.
***Acartophthalmus nigrinus* (Zetterstedt, 1848)** – R2; 2000 m; 4; h, bm; Beschovski 1976b; 2009b.

Odiniidae

***Odinia boletina* (Zetterstedt, 1848)** – BS; 0-10 m; 1; h; Máca 1987; Beschovski 2009b.
***Odinia meijerei* Collin, 1952** – DM; 20-30 m; 1; h; Beschovski & Georgiev 1993; Beschovski 2009b.

Agromyzidae

***Agromyza abiens* Zetterstedt, 1848** – RW; 900-1300 m; 2, 3; eanna, h; Buhr 1941; Beiger 1979a.
***Agromyza albitarsis* Meigen, 1830** – P1, RW; 130-750 m; 1, 2; dp, ? des; Buhr 1941; Beiger 1979a.

***Agromyza alnibetulae* Hendel, 1931** – R1; 1150-1300 m; 3; ei; Buhr 1941.
***Agromyza alnivora* Spencer, 1969** – RW; 750 m; 2; e; Buhr 1941; Beiger 1979a; Beschovski 2006a.
***Agromyza anthracina* Meigen, 1830** – RW; 370-1000 m; 1, 2; eanca, ? dp; Beiger 1979a; Beschovski 2006a.
***Agromyza bromi* Spencer, 1966** – RE; 160 m; 1; ean; Černý & Merz 2006; Černý 2018.
***Agromyza flaviceps* Fallén, 1823** – TL, R1, RW; 150-760 m; 1, 2; e; Buhr 1941; Beiger 1979a; Beschovski 2006a.
***Agromyza flavipennis* Hendel, 1920** – P2, S22, TL; 135-400 m; 1; wp; Beiger 1979a.
***Agromyza frontella* (Rondani, 1875)** – DM, K9, V1, TL, R5; 100-600 m; 1; h; Grigorov 1962; Beiger 1979a.
***Agromyza igniceps* Hendel, 1920** – TL; 160-180 m; 1; e; Beiger 1979a.
***Agromyza johannae* de Meijere, 1924** – B1; 800-1100 m; 2, 3; e; Buhr 1941; Beiger 1979a.
***Agromyza kolobowai* Hendel, 1931** – DM, P1, K9, V1, TL; 100-600 m; 1; ? e; Grigorov 1962.
***Agromyza lithospermi* Spencer, 1963** – R2, RW; 350-1000 m; 1, 2; e; Beiger 1979a; Beschovski 2006a.
***Agromyza mobilis* Meigen, 1830** – TL; 150-180 m; 1; dp; Makarov 1959; Beiger 1979a.
***Agromyza myosotidis* Kaltenbach, 1864** – RW; 700-800 m; 2; wpat; Beiger 1979a; Beschovski 2006a.
***Agromyza nana* Meigen, 1830** – V1, TL, R1, R5, RW; 150-1450 m; 1, 2, 3; po; Buhr 1941; Grigorov 1962; Beiger 1979a; Beschovski 2006a.
***Agromyza nigrescens* Hendel, 1920** [*A. heringi* de Meijere, 1925] – 1700 m; 4; m; wp; Buhr 1941.
***Agromyza nigripes* Meigen, 1830** – B2; 1400 m; 3; ho; Černý & Merz 2006.
***Agromyza idaeiana* Hardy, 1853** [*A. potentillae* (Kaltenbach, 1864)] – V4, TL; 150-1200 m; 1, 2, 3; ho; Buhr 1941; Beiger 1979a.
***Agromyza prespana* Spencer, 1957** – TL; 150-170 m; 1; eant; Beiger 1979a; Černý 2018.
***Agromyza pseudoreptans* Nowakowski, 1967** – V4, TL, RW, BS; 0-1400 m; 1, 2, 3; h; Beiger 1979a; Beschovski 2006a.
***Agromyza reptans* Fallen, 1823** – V4, R1, R2, R5, RW; 360-1700 m; 1, 2, 3, 4; ho; Buhr 1941; Beiger 1979a; Beschovski 2006a.
***Agromyza rondensis* Strobl, 1900** – TL; 150-170 m; 1; dpo; Beiger 1979a.
***Agromyza rufipes* Meigen, 1830** – R1; 1700 m; 4; wpo; Buhr 1941.
***Agromyza spenceri* Griffiths, 1963** – BS; 0-10 m; 1; wp; Beiger 1979a; Černý 2013; Černý & Bächli 2018.
***Agromyza sulfuriceps* Strobl, 1898** – R1; 1700 m; 4; h; Buhr 1941.
***Agromyza viciae* Kaltenbach, 1872** – TL, R5; 160-920 m; 1, 2; e; Beiger 1979a.
***Hexomyza schineri* (Giraud, 1861)** – DM, B1, V4, V5; 30-1200 m; 1, 2, 3; h; Georgiev 1991, 2004; Tsankov et al. 1991.
***Melanagromyza aeneoventris* (Fallén, 1823)** – B3, BS; 0-900 m; 1, 2; po; Černý & Merz 2006; Černý 2018.
***Melanagromyza albocilia* Hendel, 1931** – P2; 130-170 m; 1; wpo; Černý & Merz 2006; Černý 2013, 2018.
***Melanagromyza cunctans* (Meigen, 1830)** – V1, O61, R5, BN, BS; 0-820 m; 1, 2; wcp, ? ppt; Černý & Merz 2006; Černý 2018.
***Ophiomyia cichorii* Hering, 1949** – T31; 45-70 m; 1; e; Černý & Merz 2006; Černý 2013.
***Ophiomyia curvipalpis* (Zetterstedt, 1848)** – DM, B3, R5; 100-550 m; 1; dp; Černý & Merz 2006; Černý 2018.
***Ophiomyia galii* Hering, 1937** – P2, R3; 130-1500 m; 1, 2, 3; e; Buhr 1941; Černý & Merz 2006.
***Ophiomyia heringi* Stary, 1930** – R1; 1150-1300 m; 3; e; Buhr 1941.
***Ophiomyia labiatarum* Hering, 1937** – R1, RW; 350-1300 m; 1, 2, 3; h; Buhr 1941; Beschovski 2006a; Černý 2009, 2018.
***Ophiomyia maura* (Meigen, 1838)** – R1, RW; 370-1100 m; 1, 2, 3; h; Buhr 1941; Beiger 1979a; Černý & Bächli 2018.
***Ophiomyia nasuta* (Melander, 1913)** – B3; 900 m; 2; h; Černý & Merz 2006; Černý 2018.
***Ophiomyia orbiculata* (Hendel, 1931)** – DW, DM, E2, P1; 100-260 m; 1; eanit; Černý & Merz 2006; Černý 2013, 2018.
***Ophiomyia pinguis* (Fallén, 1820)** – DW, E2, P1, K6, RE; 20-800 m; 1, 2; tp; Černý & Merz 2006; Černý 2018.
***Ophiomyia pulicaria* (Meigen, 1830)** – ♠; hptn, ? pat; Spasić & Spencer 1992; Černý 2013, 2018.
***Ophiomyia rostrata* (Hendel, 1920)** – DW, E2; 130-220 m; 1; et; Černý & Merz 2006; Dursun et al. 1915; Černý & Bächli 2018.
***Ophiomyia subheracleivora* Černý, 1994** – T31; 60-70 m; 1; csee; Černý & Merz 2006.
***Amauromyza* (*Amauromyza*) *lamii* (Kaltenbach, 1858)** [*Dizygomyza*] – B3, V1, TL, R1, RW; 160-1700 m; 1, 2, 3, 4; dp; Buhr 1941; Beiger 1979a; Beschovski 2006a.

***Amauromyza* (*Amauromyza*) *morionella* (Zetterstedt, 1848)** [*Dizygomyza*] – P3, B1, B3, TL, R1, R2, RW, RE; 160-1300 m; 1, 2, 3; eanna; Buhr 1941; Beiger 1979a; Beron 2004; Beschovski 2006a.

***Amauromyza* (*Amauromyza*) *fraxini* (Beiger, 1980)** [*Aulagromyza*, *Paraphytomyza*] – BS; 0-50 m; 1; see; Beiger 1980.

***Amauromyza* (*Cephalomyza*) *flavifrons* (Meigen, 1830)** [*Trilobomyza*] – V1, R1, RE; 550-1300 m; 1, 2, 3; h; Buhr 1941; Beiger 1979a; Beron 2004.

***Amauromyza* (*Cephalomyza*) *gyrans* (Fallen, 1823)** [*Dizygomyza*] – R1; 1150-1200 m; 3; ei; Buhr 1941.

***Amauromyza* (*Cephalomyza*) *labiatarum* (Hendel, 1920)** [*Dizygomyza*; *Trilobomyza*] – P2, V1, TL, R1, R2, RW, RE; 160-1700 m; 1, 2, 3, 4; ean; Buhr 1941; Beiger 1979a; Beron 2004; Beschovski 2006a.

***Amauromyza* (*Cephalomyza*) *verbasci* (Bouché, 1847)** [*Dizygomyza*] – P2, B3, R1; 180-2300 m; 1, 2, 3, 4, 5; ? e; Buhr 1941; Beiger 1979a.

***Cerodontha* (*Icteromyza*) *geniculata* (Fallen, 1823)** – ♠; ppt; Papp 1984b; Dursun et al. 1915; Pape & Beuk 2017.

***Cerodontha* (*Xenophytomyza*) *biseta* (Hendel, 1920)** – ♠; h; Papp 1984b; Spasić 1996; Pape & Beuk 2017; Černý 2018.

***Cerodontha* (*Cerodontha*) *affinis* (Fallén, 1823)** – RW; 1200-1500 m; 3; e; Černý & Merz 2006; Černý 2013.

***Cerodontha* (*Cerodontha*) *caucasica* Zlobin, 1979** – R1; 2150-2350 m; 4, 5; bc; Černý 2018

***Cerodontha* (*Cerodontha*) *denticornis* (Panzer, 1806)** – DW; 110-120 m; 1; ppt; Zamfirov 1961a.

***Cerodontha* (*Cerodontha*) *phragmitophila* Hering, 1935** – ♠; wp; Papp 1984b; Dursun et al. 1915; Pape & Beuk 2017; Černý & Bächli 2018.

***Cerodontha* (*Cerodontha*) *unguicornis* Hendel, 1932** – R1, R2; 1810-2350 m; 4, 5; des; Černý 2013.

***Cerodontha* (*Poemyza*) *atra* (Meigen, 1830)** – B3; 150-160 m; 1; ean; Černý & Merz 2006.

***Cerodontha* (*Poemyza*) *incisa* (Meigen, 1830)** [*Dizygomyza*] – ♠; h; Buhr 1941; Beiger 1979a; Černý 2013.

***Cerodontha* (*Poemyza*) *lateralis* (Macquart, 1835)** – TL, BN; 0-170 m; 1; h; Nowakowski 1973; Beiger 1979a.

***Cerodontha* (*Poemyza*) *muscina* (Meigen, 1830)** – RW; 370-400 m; 1; h; Beiger 1979a; Beschovski 2006a.

***Cerodontha* (*Poemyza*) *pygmaea* (Meigen, 1830)** – B3, TL, R1, RW, RE; 160-1400 m; 1, 2, 3; h; Beiger 1979a; Beron 2004; Beschovski 2006a.

***Cerodontha* (*Phytagromyza*) *flavocingulata* (Strobl, 1909)** – V4; 900 m; 2; h; Černý & Merz 2006; Černý & Bächli 2018.

***Cerodontha* (*Dizygomyza*) *fasciata* (Strobl, 1880)** – R2; 1400 m; 3; h; Černý 2013; Dursun et al. 1915.

***Cerodontha* (*Dizygomyza*) *iraeos* (Robineau-Desvoidy, 1851)** – BS; 0-20 m; 1; ho; Beiger 1979a.

***Cerodontha* (*Dizygomyza*) *spinata* (Groschke, 1954)** – R2; 2400-2500 m; 5, 6; des; Černý 2013.

***Cerodontha* (*Dizygomyza*) *suturalis* (Hendel, 1931)** – ♠; tp; Papp 1984b; Dursun et al. 1915; Pape & Beuk 2017; Černý 2018.

***Liriomyza amoena* (Meigen, 1830)** – P2, V1, TL, R1, RW, RE; 150-600 m; 1; wpo, dp; Buhr 1941; Beiger 1979a; Beron 2004; Beschovski 2004 2006a; Černý & Bächli 2018.

***Liriomyza approximata* (Hendel, 1920)** – RW; 1000-1500 m; 1, 2, 3, 4; h; Beiger 1979a; Beschovski 2006a.

***Liriomyza artemisicola* de Meijere, 1924** – R1; 1150-1200 m; 3; ho; Buhr 1941.

***Liriomyza balcanica* (Strobl, 1900)** – TL, RW; 150-400 m; 1; pat; Buhr 1941; Beiger 1979a; Černý 2018.

***Liriomyza brassicae* (Riley, 1884)** – TL, RW; 150-400 m; 1; k; Beiger 1979a; Beschovski 2006a.

***Liriomyza bryoniae* (Kaltenbach, 1858)** – TL; 150-170 m; 1; po; Buhr 1941; Elenkov & Hristova 1974; Beiger 1979a.

***Liriomyza buhri* Hering, 1937** – R1; 650-670 m; 1; dp; Buhr 1941.

***Liriomyza bulgarica* Beiger, 1979** – TL; 150-170 m; 1; ee; Beiger 1979a, 1979b.

***Liriomyza cannabis* Hendel, 1931** – TL; 150-170 m; 1; ean; Beiger 1979a.

***Liriomyza centaureae* Hering, 1927** – V4, RW; 400-1200 m; 1, 2, 3; ean; Beiger 1979a; Beschovski 2006a.

***Liriomyza congesta* (Becker, 1903)** – DM, P2, K9, V1, TL, R1, RW, RE; 130-1400 m; 1, 2, 3; po; Buhr 1941; Grigorov 1962; Beiger 1979a; Beron 2004; Beschovski 2006a; Černý 2018.

***Liriomyza demeijerei* Hering, 1930** – B3, TL, R1, RW; 160-1300 m; 1, 2, 3; dp; Buhr 1941; Beiger 1979a; Beschovski 2006a.

***Liriomyza endiviae* Hering, 1955** – B3, TL, RW; 160-750 m; 1, 2; h; Beiger 1979a; Beschovski 2006a.

***Liriomyza eupatorii* (Kaltenbach, 1873)** – P2, R1, R2, RW, BS; 20-1300 m; 1, 2, 3; h; Buhr 1941; Beiger 1979a; Beschovski 2006a.

***Liriomyza eupatoriana* Spencer, 1954** – ♠; e; Černý 2013.

***Liriomyza flaveola* (Fallén, 1823)** – TL, RW; 160-1650 m; 1, 2, 3, 4; ho; Buhr 1941; Beiger 1979a; Beschovski 2006a; Černý 2018.

***Liriomyza huidobrensis* (Blanchard, 1926)** – ▪; TL, O62; 150-200 m; 1; k, i; Beschovski & Karadjova 1996; Karadjova & Beschovski 1996; Harizanova & Pavlov 1999.

***Liriomyza infuscata* Hering, 1926** – R2; 2400-2500 m; 5, 6; wces; Černý 2013; Černý & Bächli 2018.

***Liriomyza intonsa* Spencer, 1976** – BN; 20-30 m; 1; ena; Černý & Merz 2006; Černý 2018.

***Liriomyza myrsinitae* Hering, 1957** – RW; 1700 m; 4; se; Hering, 1957; Papp 1984b; Beschovski 2006a.

***Liriomyza pascuum* (Meigen, 1838)** – P2, B1, RW; 150-1380 m; 1, 2, 3; ean; Buhr 1941; Beiger 1979a; Beschovski 2006a; Černý & Bächli 2018.

***Liriomyza puella* (Meigen, 1830)** – B3, V4, R1; 500-1300 m; 1, 2, 3; ean; Buhr 1941; Beiger 1979a.

***Liriomyza pusilla* (Meigen, 1830)** [*L. fasciola* (Meigen, 1838)] – B3, V1, TL, RW; 160-600 m; 1; po; Buhr 1941; Beiger 1979a; Beschovski 2006a.

***Liriomyza scorzonerae* Ryden, 1951** [*L. scariolae* Hering, 1955] – TL; 160-170 m; 1; e; Beiger 1979a.

***Liriomyza solivaga* Spencer, 1971** – R1; 2150- 2350 m; 4, 5; e; Černý 2018.

***Liriomyza sonchi* Hendel, 1931** – P2, TL, R1, RW, RE; 297-1200 m; 1, 2, 3; ho; Buhr 1941; Beiger 1979a; Beron 2004; Beschovski 2004, 2006a; Černý & Bächli 2018.

***Liriomyza soror* Hendel, 1931** – P2; TL, RE; 160-300 m; 1; e; Beiger 1979a; Beron 2004; Beschovski 2004, 2006a; Černý & Bächli 2018.

***Liriomyza strigata* (Meigen, 1830)** – P2, V1, TL, R1, RW, RE; 160-1200 m; 1, 2, 3; wpo; Buhr 1941; Beiger 1979a; Beron 2004; Beschovski 2004, 2006a.

***Liriomyza taraxaci* Hering, 1927** – TL, R1, RW; 160-2100 m; 1, 2, 3, 4, 5; h; Buhr 1941; Beiger 1979a; Beschovski 2006a.

***Liriomyza thesii* Hering, 1924** – ♠; csee; Buhr 1941.

***Liriomyza valerianae* Hendel, 1932** – ♠; e; Buhr 1941.

***Liriomyza xanthocera* (Czerny in Czerny & Strobl, 1909)** [*L. crucifericola* Hering, 1951] – RW; 350-400 m; 1; ? ena, ? sk; Beiger 1979a; Beschovski 2006a.

***Galiomyza morio* (Brischke, 1880)** – ♠; e; Buhr 1941.

***Phytoliriomyza arctica* (Lundbeck, 1901)** – BN; 15-30 m; 1; k; Černý & Merz 2006.

***Phytoliriomyza hilarella* (Zetterstedt, 1848)** [*Dizygomyza*] – ♠; h; Buhr 1941.

***Phytoliriomyza melampyga* (Loew, 1869)** [*Liriomyza impatientis* (Brischke, 1880)] – R1; 1150-1200 m; 3; h; Buhr 1941.

***Phytoliriomyza perpusilla* (Meigen, 1830)** – ♠; pat; Černý 2013.

***Phytoliriomyza variegata* (Meigen, 1830)** [*Liriomyza*] – R1; 660-1200 m; 1, 2, 3; ? wpo; Buhr 1941.

***Calycomyza artemisiae* (Kaltenbach, 1856)** – B1, TL, R5, RW; 150-1700 m; 1, 2, 3, 4; hno, ? ho; Buhr 1941; Beiger 1979a; Beschovski 2006; Černý 2018.

***Calycomyza humeralis* (von Roser, 1840)** – TL, RW, RE; 270-400 m; 1; k; Buhr 1941; Beiger 1979a; Beron 2004; Beschovski 2004, 2006a.

***Calycomyza solidaginis* (Kaltenbach, 1869)** [*Dizygomyza*] – ♠; 1300 m; 3; h; Buhr 1941.

***Nemorimyza posticata* (Meigen, 1830)** [*Dizygomyza*] – RW; 350-400 m; 1; hno; Buhr 1941; Beiger 1979a; Beschovski 2006a.

***Aulagromyza anteposita* (Strobl, 1898)** – P2, B3; 170-1000 m; 1, 2; e; Černý & Merz 2006.

***Aulagromyza fulvicornis* (Hendel, 1935)** [*Paraphytomyza*; *Phytagromyza langei* Hering, 1937] – ♠; e; Buhr 1941.

***Aulagromyza luteoscutellata* (de Meijere, 1924)** [*Paraphytomyza*] – B2, TL, R5, RW, RE; 160-1300 m; 1, 2, 3; h; 1941; Beiger 1979a; Beron 2004; Beschovski 2004, 2006a.

***Aulagromyza orphana* (Hendel, 1920)** – P2, B3; 180-1000 m; 1, 2; ean; Černý & Merz 2006; Černý 2018.

***Aulagromyza populi* (Kaltenbach, 1864)** [*Paraphytomyza*] – B1, V1, TL; 160-800 m; 1, 2; ean; Buhr 1941; Beiger 1979a; Georgiev 1998; Georgiev & Boyadzhiev 2002.

***Aulagromyza similis* (Brischke, 1880)** [*Phytagromyza*] – V4, R1; 1150-1200 m; 3; e; Buhr 1941; Beiger 1979a.

***Aulagromyza tridentata* (Loew, 1858)** [*Phytagromyza*] – B1, R1; 670-1200 m; 1, 2, 3; ? ewca; Buhr 1941.

***Pseudonapomyza europaea* Spencer, 1973** – B2, V4, V5, S1, R2; 460-18100 m; 1, 2, 3, 4; h; Černý & Merz 2006; Černý 2018.

***Pseudonapomyza palliditarsis* Cerny, 1992** – BN; 0-5 m; 1; dp; Černý & Merz 2006; Černý 2013, 2018.

***Pseudonapomyza strobliana* Spencer, 1973** – ♠; ean; Černý 2018.

***Napomyza bellidis* Griffiths, 1967** – ♠; tp; Černý 2018.
***Phytomyza albipennis* Fallén, 1823** [*Napomyza*] – V4; 1200 m; 3; dp; Černý & Merz 2006.
***Phytomyza actaeae* Hendel, 1922** – ♠; po; Buhr 1941.
***Phytomyza affinis* Fallen, 1823** – R1; 660-670 m; 1, 2; ena, ? h; Buhr 1941.
***Phytomyza agromyzina* Meigen, 1830** – P2, RW; 350-480 m; 1; h; Beiger 1979a; Beschovski 2006a.
***Phytomyza albiceps* Meigen, 1830** – ♠; des; Buhr 1941.
***Phytomyza alpina* Groschke, 1957** – R1, R2, RW; 1374-2000 m; 3, 4, 5; e, ? h, m; Beiger 1979a; Beschovski 2006a.
***Phytomyza angelicae* Kaltenbach, 1872** [*Ph. aegopodii* Hendel, 1924] – V4; 800-1300 m; 2, 3; h; Beiger 1979a.
***Phytomyza angelicastri* Hering, 1932** – ♠; e; Buhr 1941; Pape & Beuk 2017; Černý & Bächli 2018.
***Phytomyza aquilegiae* Hardy, 1849** – V1, TL, R5; 160-600 m; 1; ewca; Buhr 1941; Beiger 1979a; Černý 2018.
***Phytomyza artemisivora* Spencer, 1971** – P2, V1, TL, R2, RW, RE; 160-1200 m; 1, 2, 3; ewca, ? dp; Buhr 1941; Grigorov 1962; Beiger 1979a; Beron 2004; Beschovski 2004, 2006a.
***Phytomyza bipunctata* Loew, 1858** – B1; 900-1100 m; 2, 3; e; Buhr 1941.
***Phytomyza calthophila* Hering, 1931** – RW; 900-1700 m; 2, 3, 4; e; Buhr 1941; Beiger 1979a; Beschovski 2006a.
***Phytomyza campanulae* Hendel, 1920** – P2, RW, BS; 0-1090 m; 1, 2, 3; e; Buhr 1941; Beiger 1979a; Beschovski 2006a.
***Phytomyza chaerophylli* Kaltenbach, 1856** [*Ph. anthrisci* Hendel, 1924; *Ph. tordylii* Hendel, 1927] – P2, B3, V1, V4, TL, R1, R2, RW, BS; 0-1400 m; 1, 2, 3; ean; Buhr 1941; Beiger 1979a; Beschovski 2006a.
***Phytomyza cirsii* Hendel, 1923** – P1, R1; 200-1200 m; 1, 2, 3; ? tp; Buhr 1941; Beiger 1979a.
***Phytomyza continua* Hendel, 1920** – P3, B3; 20-30 m; 1; dp; Černý & Merz 2006.
***Phytomyza conyzae* Hendel, 1920** – P3, B3, TL, R2, R5, RW, RE, BS; 0-1000 m; 1, 2; wpo; Beiger 1979a; Beron 2004; Beschovski 2006a.
***Phytomyza crassiseta* Zetterstedt, 1860** – V1; 550-600 m; 1; hn; Buhr 1941; Černý 2018.
***Phytomyza digitalis* Hering, 1925** – B1; 900-1100 m; 2, 3; e; Buhr 1941.
***Phytomyza doronici* Hendel, 1923** – RW; 900-1650 m; 2, 3, 4; e; Buhr 1941; Beiger 1979a; Beschovski 2006a.
***Phytomyza erigerophila* Hering, 1927** – R1; 660-670 m; 1; h; Buhr 1941; Černý & Bächli 2018.
***Phytomyza eupatorii* Hendel, 1927** – R1; 1150-1300 m; 3; wpo; Buhr 1941; Beiger 1979a.
***Phytomyza fallaciosa* Brischke, 1880** [*Ph. auricomi* Hering, 1924] – V4; 800-1200 m; 2, 3; h; Beiger 1979a.
***Phytomyza farfarae* Hendel, 1935** – R1, R2, R5, RW; 700-1400 m; 2, 3; e; Buhr 1941; Beiger 1979a; Černý & Bächli 2018.
***Phytomyza fulgens* Hendel, 1920** – P2, B3, RW, RE; 200-600 m; 1; eo; Beiger 1979a; Beron 2004.
***Phytomyza glechomae* Kaltenbach, 1862** – P2, S22, TL; 160-550 m; 1; des; Beiger 1979a.
***Phytomyza hellebori* Kaltenbach, 1872** – P3; 480 m; 1; e; Beiger 1979a.
***Phytomyza heracleana* Hering, 1937** – P2, TL, R5, RW; 150-1000 m; 1, 2; e; Buhr 1941; Beiger 1979a.
***Phytomyza kyffhusana* Hering, 1928** – ♠; e; Buhr 1941.
***Phytomyza lappae* Goureau, 1851** [*Ph. lappina* Goureau, 1851] – P2, V1, R1, RW, RE, BS; 0-1400 m; 1, 2, 3; e; Buhr 1941; Beiger 1979a; Beron 2004.
***Phytomyza lycopi* Nowakowski, 1959** – ♠; e; Pape & Beuk 2017; Černý 2018.
***Phytomyza marginella* Fallén, 1823** [*Ph. hieracina* Hering, 1932; Ph. *prenanthidis* Hering, 1932; *Ph. sonchi* Robineau-Desvoidy, 1851] – V4, R1, RW; 370-1570 m; 1, 2, 3, 4; e; Buhr 1941; Beiger 1979a; Pape & Beuk 2017.
***Phytomyza minuscula* Goureau, 1851** – V4; 800-1300 m; 2, 3; des; Buhr 1941; Beiger 1979a;Černý 2018.
***Phytomyza nigrifemur* Hering, 1934** – R2; 1600 m; 4; e; Černý 2013; Černý & Bächli 2018.
***Phytomyza notata* Meigen, 1830** – R1, R2, RW; 1150-2350 m; 3, 4, 5; e; Beiger 1979a; Beschovski 2006a; Černý 2013, 2018.
***Phytomyza obscura* Hendel, 1920** – P2, RW, RE, BS; 0-1400 m; 1, 2, 3; e, ? ena; Buhr 1941; Beiger 1979a Beron 2004; Beschovski 2006a.
***Phytomyza obscurella* Fallén, 1823** – P2, V4, R2, RW; 200-1100 m; 1, 2, 3; tp; Buhr 1941; Beiger 1979a.
***Phytomyza origani* Hering, 1931** – RW; 900-1000 m; 2; eanna; Buhr 1941; Beiger 1979a.
***Phytomyza pastinacae* Hendel, 1923** – B3, V4, R1, RW; 500-1650 m; 1, 2, 3, 4; h; Buhr 1941; Beiger 1979a; Beschovski 2006a.
***Phytomyza petoei* Hering, 1924** – P2, R1, R2, RW; 200-1400 m; 1, 2, 3; wpo; Buhr 1941; Beiger 1979a; Beschovski 2006a; Černý 2018.

***Phytomyza plantaginis* Robineau-Desvoidy, 1851** – P1, P2, P3, B3, V1, BS; 0-800 m; 1, 2; sk, ? k; Buhr 1941; Beiger 1979a; Černý & Merz 2006.
***Phytomyza pubicornis* Hendel, 1920** – RW; 350-400 m; 1; ean; Beiger 1979a; Beschovski 2006a.
***Phytomyza pullula* Zetterstedt, 1848** [*Ph. matricariae* Hendel, 1920] – P2, B2, R1; 520-1300 m; 1, 2, 3; h; Buhr 1941; Černý & Merz 2006.
***Phytomyza pulmonariae* Nowakowski, 1959** – P2, RW, BS; 0-400 m; 1; e; Beiger 1979a; Beschovski 2006a.
***Phytomyza ranunculi* (Schrank, 1803)** – P2, P3, S22, TL, RW; 160-1080 m; 1, 2, 3; ho; Beiger 1979a; Beschovski 2006a; Černý 2013.
***Phytomyza ranunculivora* Hering, 1932** – B3, R1, RW, BS; 0-1400 m; 1, 2, 3; e; Beiger 1979a; Beschovski 2006a.
***Phytomyza rapunculi* Hendel, 1927** – RW; 1350 m; 3; e; Beiger 1979a; Beschovski 2006a.
***Phytomyza rhodopaea* Beiger, 1979** – RW; 750 m; 2; Er, ? Ebg; Beiger 1979b; Beschovski 2006a.
***Phytomyza salviae* (Hering, 1924)** – B3, R1, R2, RW; 500-1400 m; 1, 2, 3; e; Buhr 1941; Beiger 1979a.
***Phytomyza senecionis* Kaltenbach, 1869** – R1, RW; 1150-1950 m; 3, 4; dp; Buhr 1941; Beiger 1979a; Beschovski 2006a; Černý & Bächli 2018.
***Phytomyza solidaginis* Hendel, 1920** – RW; 350-400 m; 1; e; Buhr 1941; Beiger 1979a; Beschovski 2006a.
***Phytomyza spondylii* Robineau-Desvoidy, 1851** [*Ph. sphondylii* Goureau, 1851] – P2, R1; 200-1300 m; 1, 2, 3; ho; Buhr 1941; Beiger 1979a.
***Phytomyza sphondyliivora* Spencer, 1957** – V4; RW; 800-1080 m; 2, 3; e; Beiger 1979a; Beschovski 2006a.
***Phytomyza spinaciae* Hendel, 1935** [*Ph. autumnalis* Griffiths, 1959] – P2, TL; 160-220 m; 1; ewca; Buhr 1941; Beiger 1979a.
***Phytomyza tanaceti* Hendel, 1923** – R5; 550-580 m; 1; des; Buhr 1941; Beiger 1979a.
***Phytomyza tetrasticha* Hendel, 1927** – P2, V4, TL, R1, RW, RE; 160-1400 m; 1, 2, 3; eswa; Buhr 1941; Beiger 1979a; Beron 2004; Beschovski 2004, 2006a.
***Phytomyza tussilaginis* Hendel, 1925** – V4, R1, R2, RW; 900-1400 m; 2, 3; h; Beiger 1979a; Beschovski 2006a.
***Phytomyza virgaureae* Hering, 1926** – RW; 360-400 m; 1; e; Beiger 1979a; Beschovski 2006a.
***Phytomyza vitalbae* Kaltenbach, 1872** – P2, B2, V1, RW, RE; 0-1000 m; 1, 2; ppta; Buhr 1941; Beiger 1979a; Beron 2004; Beschovski 2004, 2006a; Černý & Merz 2006.
***Pseudonapomyza palliditarsis* Cerny, 1992** – ♠; des; Černý 2013.
***Chromatomyia aprilina* (Goureau, 1851)** [*Phytomyza*] – V1; 550-600 m; 1; ena; Buhr 1941.
***Chromatomyia fuscula* (Zetterstedt, 1838)** [*Phytomyza*] – S22, R1; 370-1900 m; 1, 2, 3, 4; h; Beiger 1979a; Černý 2013.
***Chromatomyia gentianae* (Hendel, 1920)** [*Phytomyza veratri* Hering, 1941] – ♠; eo; Buhr 1941; Pape & Beuk 2017.
***Chromatomyia gentianella* (Hendel, 1932)** [*Phytomyza*] – ♠; e; Buhr 1941.
***Chromatomyia horticola* (Goureau, 1851)** [*Phytomyza*] – P2, TL, R5, RE; 150-550 m; 1; hpt; Beiger 1979a; Beron 2004.
***Chromatomyia milii* (Kaltenbach, 1864)** [*Phytomyza*] – B3; 800 m; 2; ho; Černý & Merz 2006; Černý 2018.
***Chromatomyia nigra* (Meigen, 1830)** [*Phytomyza*] – DM; 260 m; 1; ho; Černý & Merz 2006.
***Chromatomyia opacella* (Hendel, 1935)** – R1; 2150-2350 m; 4, 5; e, ? h; Černý 2013.
***Chromatomyia saxifragae* (Hering, 1924)** [*Phytomyza*] – R2; 2000 m; 4, 5; csee; Buhr 1941; Beiger 1979a.
***Chromatomyia scolopendri* (Robineau-Desvoidy, 1851)** [*Phytomyza*] – ♠; ean; Buhr 1941.

Opomyzidae

***Opomyza florum* (Fabricius, 1794)** – ▪; ♦; DW, DM, E2, P1, P2, B1, B2, V1, V4, S211, T2, T31, O5, O62, R1, R2, R3, R4, RW, BN, BS; 0-2389 m; 1, 2, 3, 4, 5; e; Nedelkov 1912; Popoff 1956; Lyubenov 1956; Zamfirov 1958, 1961a, 1962c, 1963b; Makarov 1959; Grigorov 1972; Beschovski & Minkova 1991; Krasteva & Beschovski 2001; Krasteva et al. 2012.
***Opomyza germinationis* (Linnaeus, 1758)** – DW, DM, E2, P1, P2, K9, V1, V4, S1, S211, T2, T31, O5, O62, R2, R3, R4, R5, RW, BN, BS; 0-1500 m; 1, 2, 3, 4; h; Beschovski & Minkova 1991.
***Opomyza petrei* Mesnil, 1934** – DW, P2, V4, S1, TL, T31, RW, RE; 30-1200 m; 1, 2, 3; h; Beschovski & Minkova 1991.
***Opomyza punctella* Fallén, 1820** – V4, RW; 1860-2000 m; 4, 5; e; Beschovski & Minkova 1991.

***Geomyza combinata* (Linnaeus, 1767)** [*G. martineki* Drake, 1992] – V4, BN; 0-1150 m; 1, 2, 3; e; Beschovski & Minkova 1991.
***Geomyza paganettii* (Strobl, 1909)** – R3, BN; 0-1300 m; 1, 2, 3; e; Beschovski & Minkova 1991.
***Geomyza tripunctata* Fallén, 1823** – DM, B2, V4, T31, R1, R2, R3, R5, RW; 100-2575; 1, 2, 3, 4, 5, 6; h; Beschovski & Minkova 1991.

Anthomyzidae

***Anagnota major* Rohacek & Freidberg, 1993** – ♠; e; Roháček 2004; Beschovski 2009b.
***Anthomyza anderssoni* Rohacek, 1984** – ♠; e; Roháček 2004; Beschovski 2009b.
***Anthomyza gracilis* Fallén, 1823** [*A. sordidella* Zetterstedt, 1848] – T31, BN; 0-70 m; 1; h; Beschovski 1976b, 2009b; Roháček 1998.
***Fungomyza albimana* (Meigen, 1830)** [*Anthomyza*] – P2; 200-450 m; 1; e; Beschovski 1976b, 2009b; Roháček 1998.
***Paranthomyza nitida* (Meigen, 1838)** – O62; 160 m; 1; e; Roháček 2004; Beschovski 2009b.

Aulacigastridae

***Aulacigaster leucopeza* (Meigen, 1830)** – V1; 550-600 m; 1; h; Beschovski 1976b, 2009b.

Periscelididae

***Periscelis* (*Myodris*) *annulata* (Fallén, 1813)** – V4, V5, BS; 0-1240 m; 1, 2, 3; dp, ? h; Beschovski 2001, 2009b; Máca 1987.

Asteiidae

***Asteia* (*Asteia*) *amoena* Meigen, 1830** – DW, E1, E2, P2, V4, S1, T31, O62, R2, RE, BN, BS; 0-940 m; 1, 2; pat; Beschovski 1966a, 2009b.
***Asteia* (*Asteia*) *concinna* Meigen, 1830** – BS; 0-5 m; 1; des; Beschovski 1976a, 2009b.
***Leiomyza laevigata* (Meigen, 1830)** – DW, V1; 100-600 m; 1; h; Beschovski 2009b.

Braulidae

***Braula coeca* Nitzsch, 1818** – ▲; ●; V1, TL; 160-600 m; 1; sk, ? k; Drensky 1928, 1931b, 1932b, 1934b, 1936, 1939a; Hennig 1938; Shopov 1965; Beschovski 2013b.
***Braula orientalis* Örösi Pál, 1963** – ♠; dp; Papp 1984c, 1998; Sidorenko 2004; Beschovski 2013b; Pape & Beuk 2017.
***Braula schmitzi* Örösi Pál, 1963** – ♠; pn; Papp 1984c, 1998; Beschovski 2013b; Pape & Beuk 2017.

Carnidae

***Meoneura alpina* Hennig, 1948** – V4, R2; 1000-2000 m; 3, 4; csee; Beschovski 2004b, 3013b.
***Meoneura atoma* Papp, 1981** – B2; 1900-2170 m; 4, 5; csee; Beschovski 2004b, 3013b.
***Meoneura carpathica* Papp, 1977** – B2, V4, RE, BS; 0-1800 m; 1, 2, 3, 4; e; Beschovski 2004b, 3013b.
***Meoneura flavifacies* Collin, 1930** – V4, R2; 700-2010 m; 2, 3, 4; h; Beschovski 2004b, 3013b.
***Meoneura flavifrons* Papp, 1981** – S22, R2, R5; 560-2700 m; 1, 2, 3, 4, 5, 6; cse; Beschovski 2004b, 3013b.
***Meoneura glaberrima* Becker, 1910** – E2, B2, B3, V5, S1, T2, T31, R2, BN; 0-1800 m; 1, 2, 3, 4; wp; Beschovski 1972a, 2004b, 3013b.
***Meoneura graeca* Hennig, 1972** [*M. vagans* (Fallén, 1823)] – R2, RE, BN, BS; 0-450 m; 1; Eb; Beschovski 2004b, 3013b.
***Meoneura prima* (Becker, 1903)** – B2; 1000 m; 2; h; Beschovski 2004b, 3013b.

Tethinidae

***Pelomyiella mallochi* (Sturtevant, 1923)** [*Pelomyia kuntzei* (Czerny, 1928)] – O62, BN; 0-150 m; 1; h, ? hn; Hendel 1934; Beschovski 1972a, 1975b, 1994b, 2009, 2013; Munari 2002; Munari & Mathis 2010.

***Tethina albosetulosa* (Strobl, 1900)** [*T. griseola* auct. (censu Czerny, 1928)] – BN, BS; 0-5 m; 1; atm, ? wpat; Beschovski 1964a, 1964b, 1972b, 1973c, 1973e, 1975a, 1975b, 1976a, 1993b, 1994b, 2009, 2013b; Mathis & Munari 1996; Munari 2002; Munari & Mathis 2010.

***Tethina czernyi* (Hendel, 1934)** – BN, BS; 0-10 m; 1; wp; Beschovski 1993b, 1994b, 2009, 2013b; Mathis & Munari 1996; Munari 2002; Munari & Mathis 2010.

***Tethina flavigenis* (Hendel, 1934)** [*T. grisea* Fallén, 1823] – BN, BS; 0-5 m; 1; ena, Beschovski 1964a, 1964b, 1965, 1993b, 1994b, 2009, 2013b; Munari 2002; Munari & Mathis 2010.

***Tethina grisea* (Fallén, 1823)** [*Rhicnoessa cinerea* Loew, 1862] – BN, BS; 0-5 m; 1; wp; Löw 1862; Czerny, 1928; Beschovski 1964a, 1964b, 1972b, 1973c, 1973e, 1975a, 1975b, 1976a, 1993b, 1994b, 2009, 2013b; Mathis & Munari 1996; Munari 1996, 2002; Munari & Mathis 2010.

***Tethina pallipes* (Loew, 1865)** [*Rhicnoessa ochracea* Hendel, 1913] – BN, BS; 0-5 m; 1; sk; Beschovski 1993b, 1994b, 2009, 2013; Munari 1991, 2002; Mathis & Munari 1996; Munari & Mathis 2010.

***Tethina strobliana* (Mercier, 1923)** [*Rhicnoessa pallipes* Loew, 1865] – E2, O62, BN; 0-120 m; 1; wp, ? swp; Beschovski 1993b, 1994b, 2009, 2013; Munari 2002; Munari & Mathis 2010.

Canacidae (Canaceidae)

***Canace salonitana* Strobl, 1900** – BN, BS; 0-5 m; 1; em; Beschovski 1966a, 1972b, 1973a, 1975a, 2009, 2013b; Canzoneri & Meneghini 1983; Hubenov et al. 1998; Munari & Mathis 2010.

Milichiidae

***Desmometopa m-nigrum* (Zetterstedt, 1848)** – V1, V4, BS; 0-700 m; 1, 2; k; Beschovski 1966a, 2004b, 2013b.

***Desmometopa sordida* (Fallén, 1820)** – DW, DM, P1, S1, TL, T31, O62, R2, R5; 30-1000 m; 1, 2; ho; Beschovski 2004b, 2013b.

***Leptometopa niveipennis* (Strobl, 1900)** – DW, E2, V1, TL, T2, O62, R2, BN, BS; 0-650; 1; wcp; Beschovski 1966a, 2004b, 2013b.

***Leptometopa rufifrons* Becker, 1903** – DM, E2, R2, BN, BS; 0-650 m; 1; mca, ? mit; Beschovski 1976a, 2004b, 2013b.

***Madiza glabra* Fallén, 1820** – DM, E2, B2, V1, S1, T31, O62, R1, R2, R3, R5, BN, BS; 0-2100 m; 1, 2, 3, 4, 5; h; Beschovski 2004b, 2013b.

***Neophyllomyza acyglossa* (Villeneuve, 1920)** – O4, O62; 200-500 m; 1; eca; Beschovski 2004b, 2013b.

***Phyllomyza securicornis* Fallén, 1823** – V4, RW; 800-1330 m; 2, 3; h; Beschovski 2004b, 2013b.

***Milichia speciosa* Meigen, 1830** – BS; 0-5 m; 1; csena; Beschovski 2004b, 2013b.

Chloropidae

***Rhodesiella fedtschenkoi* Nartshuk, 1978** – R2; 300 m; 1; seet, ? nemit; Beschovski 2008, 2013b.

***Rhodesiella plumiger* (Meigen, 1830)** – DW, O62, RE; 120-500 m; 1; tp; Beschovski 1982a, 1985a, 2013b.

***Arcuator sexstriatus* (Becker, 1912)** [*Oscinella pectoralis* Becker, 1910] – BS; 0-5 m; 1; see; Beschovski 1982a, 2008, 2013b; Hubenov et al. 1993, 1998.

***Aphanotrigonum bicolor* Nartshuk, 1964** – DW, DM, B2, S1, T2, RE, BN, BS; 0-500 m; 1; seewca; Beschovski 1982a, 1985a, 2013; Dely-Draskovits 1985.

***Aphanotrigonum femorellum* Collin, 1946** [*A. cinctella* (Zetterstedt, 1848); *Conioscinella*] – DW, DM, P1, P2, P3, B2, K9, S1, TL, T31, O62, R2, R5, RE, BN, BS; 0-1600 m; 1, 2, 3, 4; wp; Beschovski 1968a, 1973c, 1975a, 1975b, 1976a, 1977a, 1985a, 1996a, 2004a, 2006a, 2008, 2013b; Beschovski & Georgiev 1993.

***Aphanotrigonum inerme* Collin, 1946** – DW, DM, RE, BN, BS; 0-500 m; 1; e; Beschovski 1982a, 1985a, 2008, 2013.

***Aphanotrigonum meijerei* (Duda, 1933)** [*Conioscinella*] – B2, BN; 0-600 m; 1, 2; eca; Beschovski 1968a, 1973c, 1975a, 1975b, 1976a, 1985a, 2008, 2013; Hubenov et al. 1993, 1998.

***Aphanotrigonum nigripes* (Zetterstedt, 1848)** – V1, V4, V5, O62, BS; 0-1250 m; 1, 2, 3; wces; Beschovski 1977a, 1985a, 2013b; Dely-Draskovits 1981; Beschovski & Dimitrova 1990; Krasteva & Beschovski 2000, 2001.

***Aphanotrigonum parahastatum* Dely-Draskovits, 1981** [*A. femorellum* Collin, 1946] – DW, DM, E2, P1, P2, P3, B3, K6, S1, S211, T2, O4, O5, O62, R2, R5, BS; 0-1540 m; 1, 2, 3, 4; hom, ? mwca; Beschovski 1977a, 1985a, 2008, 2013b; Dely-Draskovits 1981, 1985.

***Aphanotrigonum trilineatum* (Meigen, 1830)** [*A. beschovskii* Dely-Draskovits, 1981] – DW, DM, E2, P2, B2, B3, V1, TL, R1, R2, R5, BN; 0-1150 m; 1, 2, 3; wces; Szilády 1934; Zamfirov 1960a, 1961a; Dely-Draskovits 1981; Beschovski 1985a, 2008, 2013b; Krasteva & Beschovski 2000, 2001.

***Calamoncosis* (*Calamoncosis*) *duinensis* (Strobl, 1909)** – BN, BS; 0-5 m; 1; wcp; Beschovski 1968a, 1985a, 2013b.

***Calamoncosis* (*Calamoncosis*) *minima* (Strobl, 1893)** – BN, BS; 0-5 m; 1; tp; Beschovski 1968a, 1985a, 2013b.

***Calamoncosis* (*Rhaphiopyga*) *glyceriae* Nartshuk, 1958** – E2; 220-500 m; 1; wes; Beschovski 1985a, 2013b.

***Conioscinella frontella* (Fallen, 1820)** [*C. frontella fulvifrons* Duda, 1933; *C. mimula* Collin, 1946] – DW, P1, B2, V1, V4, V5, T31, O62, R1, R2, R5, RW, BN, BS; 0-2250 m; 1, 2, 3, 4, 5; hoes, ? tp; Beschovski 1968a, 1975b, 1976a, 1977a, 1985a, 1998d, 2008, 2013b; Krasteva & Beschovski 1998, 2000; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Conioscinella gallarum* (Duda, 1933)** – ♠; e; Nartshuk 2004; Beschovski 2013b.

***Conioscinella sordidella* (Zetterstedt, 1848)** – DM, B2, V1, O62, R1, BN; 0-1400 m; 1, 2, 3, 4; e; Beschovski 1996a, 2013b.

***Conioscinella zetterstedti* Andersson, 1966** – S1, R2; 280-600 m; 1; h; Beschovski 1982a, 1985a, 2008, 2013b; Hubenov et al. 1993, 1998.

***Dicraeus* (*Dicraeus*) *ingratus* (Loew, 1866)** – DW, E2, P1, P2, V4, T2, O62, R2; 30-1800 m; 1, 2, 3, 4; h; Beschovski 1982a, 1985a, 2008, 2013b; Beschovski & Dimitrova 1990.

***Dicraeus* (*Dicraeus*) *nigropilosus* Becker, 1910** – ♦; DM, E1, E2, P1, P2, V4, T2, O62, R2, R5, BN, BS; 0-1200 m; 1, 2, 3; cseit, ? eit, ? set; Beschovski 1977a, 1982a, 1985a, 2008, 2013b.

***Dicraeus* (*Dicraeus*) *raptus* (Haliday, 1838)** – ♦; DM, E2, P2, V1, V4, S211, TL, T2, O62, R2, R5, BN, BS; 0-1200 m; 1, 2, 3; e; Beschovski 1982a, 1985a, 2008, 2013b; Beschovski & Dimitrova 1990.

***Dicraeus* (*Dicraeus*) *sabroskyi* Beschovski, 1977** – V1, V4, TL; 150-1000 m; 1, 2; Ebg; Beschovski 1977b, 1985a, 2013b.

***Dicraeus* (*Dicraeus*) *tibialis* (Macquart, 1835)** [*D. pallidiventris* (Macquart, 1835)] – ♦; DW, DM, E1, E2, P1, P2, K2, V1, V4, V5, S1, TL, T2, T31, O4, O62, R2, RE, BN, BS; 0-900 m; 1, 2; ha, ? sk; Beschovski 1968a, 1977a, 1985a, 2008, 2013b; Beschovski & Dimitrova 1990.

***Dicraeus* (*Dicraeus*) *valkanovi* Beschovski, 1982** – BN, BS; 0-5 m; 1; Er; Beschovski 1982a, 1985a, 2013b.

***Dicraeus* (*Oedesiella*) *discolor* (Becker, 1910)** – T2, BN, BS; 0-35 m; 1; seean, ? nem; Beschovski 1974, 1976a, 1985a, 1996a, 2008, 2013b.

***Dicraeus* (*Oedesiella*) *fennicus* Duda, 1933** – P2; 400 m; 1; h; Beschovski 2008, 2013b.

***Dicraeus* (*Paroedesiella*) *vagans* (Meigen, 1838)** [*D. xanthopygus* Strobl, 1909] – P2, V4, T2, BN; 0-1000 m; 1, 2; e; Beschovski 1968a, 1985a, 2008, 2013b.

***Elachiptera agricola* Beschovsky & Krasteva, 1998** – V1; 520-600 m; 1; Ebg; Beschovski & Krasteva 1998, 2001; Beschovski 2008, 2013b.

***Elachiptera bimaculata* (Loew, 1845)** – V1, V4, O61, O62, BN; 0-800 m; 1, 2; csena; Beschovski 1980a, 1985a, 2008, 2013b.

***Elachiptera brevipennis* (Meigen, 1830)** – BN; 0-5 m; 1; e; Beschovski & Krasteva 1998; Beschovski 2008, 2013b.

***Elachiptera cornuta* (Fallén, 1820)** [*Crassiseta*] – ♦; DW, DM, E1, E2, P1, B1, B2, B3, V1, V4, V5, S1, TL, T11, T31, O4, O61, O62, R1, R2, R5, RW, RE, BN, BS; 0-2200 m; 1, 2, 3, 4, 5; hop, ? wcp; Nedelkov 1912; Szilady 1934; Beschovski 1975b, 1977a, 1980a, 1985a, 1996a, 1998d, 1998e, 2006a, 2008, 2013b; Beschovski & Dimitrova 1990; Beschovski & Krasteva 1997; Krasteva & Beschovski 1998, 2000, 2001; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Elachiptera diastema* Collin, 1946** – B2, V4, R1; 1000-2300 m; 2, 3, 4, 5; ena; Beschovski 1998e, 2008, 2013b; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Elachiptera megaspis* (Loew, 1858)** – BN; 0-5 m; 1; ena; Beschovski 1980a, 1985a, 1996a, 2008, 2013b.

***Elachiptera rufifrons* Duda, 1932** [*E. cornuta* var. *rufifrons* Duda, 1932] – B2, O61, BN, BS; 0-2050 m; 1, 3, 4, 5; ? wp; Beschovski 1968a, 1980a, 1985a, 1996a, 2008, 2013b; Popov et al. 2000a, 2000b.

***Elachiptera scrobiculata* (Strobl, 1901)** – V4; 700-800 m; 2; des; Beschovski 2008, 2013b.

***Elachiptera sibirica* (Loew, 1858)** – DM, E2, P1, B2, V1; 200-1600 m; 1, 2, 3, 4; tes; Beschovski 1980a, 1985a, 2008, 2013b; Hubenov et al. 1999, 2000a.

***Elachiptera submediterranea* Beschovski, 1980** – TL, T31, R2, RW; 200-1250 m; 1, 2, 3; Ebg; Beschovski 1980a, 1985a, 2006a, 2008, 2013b; Hubenov et al. 1993, 1998.

***Elachiptera tuberculifera* (Corti, 1909)** – ♦; DW, DM, E2, P1, B2, K6, V1, V4, S1, TL, T1, T31, O62, R2, R5, RE; 20-2070 m; 1, 2, 3, 4, 5; hop; Beschovski 1968a, 1977a, 1980a, 1985a, 1998e, 2006a, 2008, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Gampsocera numerata* (Heeger, 1858)** – E1; 230-300 m; 1; tes; Beschovski 2008, 2013b.

***Gaurax fascipes* Becker, 1910** – R1; 1400 m; 3; e; Beschovski 2008, 2013b.

***Hapleginella laevicollis* (Zetterstedt, 1858)** – R1, RW; 500-1400 m; 1, 2, 3; hoes; Nartshuk 2004a; Beschovski 2008, 2013b.

***Incertella albipalpis* (Meigen, 1830)** – ♦; DW, DM, E1, E2, P1, P2, B1, B2, K6, V1, V4, V5, S1, S211, TL, T2, T31, O62, R1, R2, R5, RE, BN, BS; 0-2150 m; 1, 2, 3, 4, 5; hoes; Beschovski 1981b, 1985a, 2008, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Incertella kerteszi* (Becker, 1910)** – DW, DM, E2, P2, B2, T31, R1; 40-1500 m; 1, 2, 3, 4; hoes; Beschovski 2008, 2013b.

***Incertella nigrifrons* (Duda, 1933)** [*Conioscinella*] – E2, B1, B2, BN, BS; 0-1500 m; 1, 2, 3; des; Beschovski 1982a, 1985a, 2008, 2013b.

***Incertella zuercheri* (Collin, 1946)** [*Tropidoscinis*] – TL, R1, BN, BS; 0-1400 m; 1, 2, 3; eca; Beschovski 1968a, 1998d, 2008, 2013b.

***Lasiambia brevibucca* (Duda, 1933)** [*Fiebrigella palposa* Fallén, 1820] – DW, DM, P1, B1, TL, O3; 80-450 m; 1; e; Beschovski 1982a, 1985a, 2008, 2013b; Nartshuk 1984, 2004a; Beschovski & Georgiev 1993; Georgiev et al. 2004.

***Lasiambia palposa* (Fallén, 1820)** [*Fiebrigella*] – B2, R1, R3, RW; 1200-2200 m; 3, 4, 5; ? hoes; Beschovski 1982a, 1985a, 2008, 2013b.

***Lipara lucens* Meigen, 1830** – O61, O62, BN, BS; 0-550 m; 1; ? wp, h*; Beschovski 1982a, 1985a, 1993a, 1995a, 2008, 2013b.

***Lipara pullitarsis* Doskocil & Chvala, 1971** – K4, K8, O1, O61, O62, BN, BS; 0-700 m; 1, 2; e; Beschovski 1993a, 1995a, 2008, 2013b.

***Lipara rufitarsis* Loew, 1858** – V1, O1, O62, BN, BS; 0-600 m; 1; ? tp, h*; Beschovski 1982a, 1985a, 1993a, 1995a, 2008, 2013b.

***Lipara similis* Schiner, 1854** – E2, K3, K4, K8, V1, O61, O62, R2, BN, BS; 0-750 m, 1, 2; eit, ? wp; Beschovski 1968a, 1985a, 1993a, 1995a, 2008, 2013b.

***Melanochaeta pubescens* (Thalhammer, 1898)** [*Elachiptera*] – ♦; DW, DM, E2, P1, B1, K8, V4, S1, TL, T11, T2, T31, O4, O62, BN, BS; 0-1200 m; 1, 2, 3; wp; Szilady 1934; Beschovski 1975b, 1976a, 1977a, 1985a, 1996a, 2008, 2013b.

***Microcercis trigonella* (Duda, 1933)** [*Incertella*, *Oscinella*] – DW, P2, B2, V1, V4, S1, S22, R2, BN; 5-1800 m; 1, 2, 3, 4; hoes, ? tp; Beschovski 1978a, 1981b, 1985a, 1996a, 1998e, 2008, 2013b; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Oscinella* (*Cyclocercula*) *nartshukiana* Beschovski, 1978** – B3, V1, S1, O62, BN; 0-650 m; 1; sppt; Beschovski 1978a, 1985, 2008, 2013b.

***Oscinella* (*Oscinella*) *alopecuri* Balachovsky & Mesnil, 1935** – DW, E1, E2, P2, V1, V4, S1, S22, O4, R2, R5, BN, BS; 0-1800 m; 1, 2, 3, 4; cse, e; Beschovski 2008, 2013b.

***Oscinella* (*Oscinella*) *angularis* Collin, 1946** [*O. angustipennis* Duda 1933] – BN; 0-10 m; 1; e; Beschovski 1978a, 1996a, 2008, 2013b.

***Oscinella* (*Oscinella*) *cariciphila* Collin, 1946** – P1, B2, V4, S22, O61, O62, R2, BN; 0-2700 m; 1, 2, 3, 4, 5, 6; wces; Beschovski 1978a, 1985a, 2008, 2013b.

***Oscinella* (*Oscinella*) *frit* (Linnaeus, 1758)** [*O. hortensis* Collin, 1946; *Oscinisoma*; *Oscinis*; ? *Sabroskyina szilady* (Duda, 1933)] – ▪; ♦; DW, DM, E1, E2, P1, P2, B1, B2, K2, K7, V1, V4, V5, S1, S21, S211, S22, TL, T11, T2, T31, O4, O5, O62, R1, R2, R3, R5, RW, RE, BN, BS; 0-2700 m; 1, 2, 3, 4, 5, 6; k; Malkov 1901, 1902b, 1904b, 1905, 1906a, 1907, 1908; Dospevski 1908b, 1908c; Kozarov 1908; Hitilov 1912a, 1912b; Drenowsky 1922c, 1923a; Drenowsky & Enderlein 1923; Tschorbadjiew 1925a, 1925c, 1925f, 1926b, 1927, 1929a, 1929b, 1930a, 1930b, 1931, 1932; Antonov 1927; Drensky 1930a, 1930b; Szilady 1934; Lazarov 1935b, 1942, 1943;

Buresch & Lazarov 1956; Popoff 1956; Lyubenov 1958, 1960, 1961; Gospodinov 1958; Zamfirov 1958, 1961a, 1961b, 1962a, 1962b, 1962c, 1962d, 1962e, 1963a, 1963b, 1963c; Kovachevski et al. 1959; Makarov 1959; Donchev 1961; Grigorov 1972, 1976; Beschovski 1973c, 1975a, 1975b, 1976a, 1977a, 1978a, 1985a, 1996a, 1998d, 1998e, 2006a, 2008, 2013b; Michailova & Beschovski 1985; Beschovski & Dimitrova 1990; Kontev et al. 1991; Harizanov et al. 1996; Beschovski & Krusteva 1997, 1998; Krasteva & Beschovski 1998, 2000; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b; Hristov et al. 2004.

***Oscinella* (*Oscinella*) *maura* (Fallén, 1820)** – DM, E2, P2, B2, V4, S1, T31, O1, O62, R1, R2, RW, RE, BN; 0-1450 m; 1, 2, 3, 4; wes; Beschovski 1978a, 1985, 1985a, 1998e, 2008, 2013b; Beschovski & Dimitrova 1990.

***Oscinella* (*Oscinella*) *nigerrima* (Macquart, 1935)** – ♦; DM, E1, E2, P2, B2, B3, V1, V4, V5, S1, TL, T2, T31, O4, O5, O61, O62, R1, R2, R3, R5, RW, RE, BN, BS; 0-2500 m; 1, 2, 3, 4, 5, 6; e; Beschovski 1977a, 1978a, 1985a, 1996a, 1998e, 2006a, 2013b; Michailova & Beschovski 1985; Beschovski & Dimitrova 1990; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Oscinella* (*Oscinella*) *nitidigenis* (Becker, 1908)** – DW, DM, B3, S1, TL, O4, R2, R3, RE, BS; 0-1000 m; 1, 2; swpat; Beschovski 1978a, 1985a, 2008, 2013b.

***Oscinella* (*Oscinella*) *nitidissima* (Meigen, 1838)** – ♦; DW, DM, P2, B1, B2, V1, V4, S1, S211, TL, T11, T2, T31, O61, O62, R1, R2, RW, RE, BN; 0-2200 m; 1, 2, 3, 4, 5; h; Szilady 1934; Lazarov 1935b; Beschovski 1977a, 1978a, 1985a, 1996a, 1998e, 2006a, 2008, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Oscinella* (*Oscinella*) *phlei* Nartshuk, 1955** – DW, E2, P2, V1, V4, S22, TL, O62, R2, R3, R5, RW; 50-2500 m; 1, 2, 3, 4, 5, 6; ee; Beschovski 1978a, 1985a, 2008, 2013b.

***Oscinella* (*Oscinella*) *pusilla* (Meigen, 1830)** [*O. frit* var. *pusilla* Meig, 1830; *Oscinis*] – ♦; DW, DM, E1, E2, P1, P2, B1, B2, V1, V4, V5, S1, S22, TL, T11, T2, O4, O5, O62, R1, R2, RW, RE, BN, BS; 0-2700 m; 1, 2, 3, 4, 5, 6; hop; Hitilov 1912a, 1912b; Tschorbadjiew 1932; Buresch & Lazarov 1956; Beschovski 1972a, 1973c, 1975a, 1975b, 1976a, 1977a, 1978a, 1996a, 1998e, 2006a, 2013b; Michailova & Beschovski 1985; Beschovski & Dimitrova 1990; Krasteva & Beschovski 1998, 2001; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Oscinella* (*Oscinella*) *vastator* (Curtis, 1845)** – ♦; DW, DM, E2, P1, B2, B3, V1, V4, S1, S22, T2, O4, O5, R1, R2, R5, BN; 0-1740 m; 1, 2, 3, 4; e; Beschovski 1977a, 1978a, 1985a, 2008, 2013b; Beschovski & Dimitrova 1990.

***Oscinella* (*Oscinella*) *ventricosi* Nartshuk, 1955** – DW, B2, V1, V4, S1, S211, TL, T31, O4, O61, O62, R2, RE, BN, BS; 0-2200 m; 1, 2, 3, 4, 5; wes; Beschovski 1978a, 1985a, 1996a, 2008, 2013b; Beschovski & Dimitrova 1990.

***Oscinimorpha albisetosa* (Duda, 1932)** [*Conioscinella*] – B2, BN, BS; 0-1750 m; 1, 2, 3; wesca; Beschovski 1968a, 1985a, 1998e, 2013b; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Oscinimorpha arcuata* (Duda, 1932)** – ♦; DW, DM, E1, E2, P1, P2, V4, S1, T11, T31, O4, O5, O62, R2, RE, BN, BS; 0-2200 m; 1, 2, 3, 4, 5; wesca, ? eswa, esca; Beschovski 1977a, 1985a, 1996a, 2013b; Beschovski & Dimitrova 1990.

***Oscinimorpha minutissima* (Strobl, 1900)** – ♦; DM, E1, E2, P1, P2, B1, B2, V4, TL, T2, T31, O4, O62, R1, R2, RE, BN, BS; 0-2050 m; 1, 2, 3, 4, 5; wp; Szilady 1934; Beschovski 1977a, 1985a, 1998d, 1998e, 2008, 2013b; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Oscinimorpha novakii* (Strobl, 1893)** – P1, B2, V1, O62, BS; 0-1550 m; 1, 2, 3; eswa; Beschovski 1982a, 1985a, 2008, 2013b; Hubenov et al. 1993, 1998; Krasteva & Beschovski 2000.

***Oscinimorpha sordidissima* (Strobl, 1893)** – DW, E2, P2, B2, TL, R1, R2, BS; 0-1550 m; 1, 2, 3, 4; e; Beschovski 1982a, 1985a, 1998e, 2013b; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Oscinisoma cognatum* (Meigen, 1830)** – B3, V4; 900-1000 m; 2, 3; hoes; Beschovski 1982a, 1985a, 2008, 2013b; Beschovski & Dimitrova 1990.

***Polyodaspis ruficornis* (Macquart, 1835)** [*Goniopsita*, *Macrothorax*] – DM, E2, P2, B2, T31, O61, O62, R2, RE, BS; 0-2150 m; 1, 2, 3, 4, 5; po; Sachtleben 1930; Szilady 1934; Lazarov 1940; Buresch 1953b; Beschovski 1977a, 1985a, 1998e, 2008, 2013b; Beschovski & Georgiev 1993; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Polyodaspis sulcicollis* (Meigen, 1838)** – ♦; DM, E2, P1, B2, S1, T31, O62, R2, RE, BN, BS; 0-1800 m; 1, 2, 3, 4; wp; Beschovski 1976a, 1977a, 1982a, 1985a, 1996a, 1998e, 2008, 2013b; Hubenov et al. 1999, 2000; Popov et al. 2000a, 2000b.

***Rhopalopterum anthracinum* (Meigen, 1830)** [*Lioscinella*] – DW, O62, R2; 30-500 m; 1; wces ?; Beschovski 1977a, 1985a, 2008, 2013b.

***Rhopalopterum femorale* (Collin, 1946)** – DW, B2; 100-800 m; 1, 2; wces; Beschovski 2008, 2013b.

***Sabroskyina sziladyi* (Duda, 1933)** [*Oscinella*] – O62, BN; 0-250 m; 1; Ebg; Duda 1933; Szilady 1934; Lazarov 1935b; Nartshuk 1984; Beschovski 1985a, 1987a, 2008, 2013b.

***Siphonella oscinina* (Fallen, 1820)** – R1; 1400 m; 3, 4; h; Nartshuk 1984; Beschovski 1998d, 2008, 2013b.

***Speccafrons halophila* (Duda, 1933)** [*Conioscinella*] – BN; 0-5 m; 1; hoes, ? tp; Beschovski 1968a, 1985a, 2013b; Hubenov et al. 1993, 1998.

***Trachysiphonella pygmaea* (Meigen, 1838)** – DW, DM, E1, E2, P1, P2, B2, V4, TL, T31, O4, O62, R2, R3, RW, BN, BS; 0-1000 m; 1, 2; wes; Nartshuk 1984; Beschovski 2008, 2013b.

***Trachysiphonella ruficeps* (Macquart, 1835)** – ♦; DW, DM, E1, E2, P1, P2, B2, V1, V4, V5, S1, S211, S22, T31, O4, O62, R1, R2, R3, BN, BS; 0-1900; 1, 2, 3, 4; ena; Beschovski 1982a, 1985a, 1998d, 1998e, 2008, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Trachysiphonella scutellata* (von Roser, 1840)** [*Oscinella pumilio* var. *flaviola* Zetterstedt, 1848; *Conioscinella*] – DW, DM, E1, E2, P1, P2, B1, B2, V1, V4, T31, O62, R2, R3, RE, BN; 0-1600 m; 1, 2, 3; eca; Szilady 1934; Lazarov 1935b; Beschovski 1976a, 1985a, 1977a, 1996a, 2008, 2013b; Beschovski & Dimitrova 1990.

***Tricimba* (*Nartshukiella*) *albiseta* Dely-Draskovits, 1983** – RW; 300-800 m; 1, 2; e; Dely-Draskovits 1983; Nartshuk 2004a; Beschovski 2013b.

***Tricimba* (*Nartshukiella*) *cincta* (Meigen, 1830)** [*Notonaulax*] – ♦; DW, DM, E2, P1, P2, B1, B2, V1, V4, S1, S211, T2, O62, R2, R5, RW, RE, BN, BS; 0-1820 m; 1, 2, 3, 4; h; Nedelkov 1912; Szilady 1934; Beschovski 1976a, 1977a, 1981c, 1985a, 1996a, 2008, 2013b; Beschovski & Dimitrova 1990; Popov et al. 2000a, 2000b.

***Tricimba* (*Nartshukiella*) *humeralis* (Loew, 1858)** – DM, E2, V1, V4, T2, O62, R2, RW, RE, BN, BS; 0-1000 m; 1, 2; hop; Beschovski 1981c, 1982a, 1985a, 2008, 2013b.

***Tricimba* (*Tricimba*) *lineella* (Fallén, 1820)** [*Notonaulax*] – DW, P1, B1, V1, BN; 0-600 m; 1; h, ? hat; Nedelkov 1912; Beschovski 1981c, 1985a, 2008, 2013b.

***Assuania thalhammeri* (Strobl, 1893)** – DW, E2, T31, O62, RE, BN, BS; 0-280 m; 1; wp; Beschovski 1973c, 1975b, 1985a, 2013b.

***Camarota curvipennis* (Latreille, 1805)** [*C. flavitarsis* Meigen, 1830] – ♦; DW, DM, E1, E2, P1, P2, B1, B2, B3, V1, V4, S1, S211, T2, T31, O5, RE, BN, BS; 0-2000 m; 1, 2, 3, 4; ena; Szilady 1934; Zamfirov 1960b, 1961a; Beschovski 1973c, 1975a, 1985a, 1998e, 2013b; Beschovski & Dimitrova 1990; Beschovski & Krusteva 1997; Krasteva & Beschovski 1998, 2000; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Cetema* (*Cetema*) *cereris* (Fallen, 1820)** [*Centor*] – DW, E2, P1, P2, V4, V5, S1, T11, T31, O62, R1, R2, BN; 0-1800 m; 1, 2, 3, 4; hoes; Nedelkov 1912; Beschovski 1977a, 1985a, 2013b; Beschovski & Dimitrova 1990.

***Cetema* (*Cetema*) *elongatum* (Meigen, 1830)** [*C. obliqua* Beschovski, 1984; *C. simile* Ismay, 1985] – P2, B2, V1, V4, V5, S211, T2, R1, R2, R5, RW, BN; 0-1920 m; 1, 2, 3, 4; h; Beschovski 1982a, 1984a, 1985a, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1999, 2000a; Nartshuk 2004.

***Cetema* (*Cetema*) *myopinum* (Loew, 1866)** [*Chlorops*] – DW, P2, B2, V1, V4, R1, R2, RW, BN; 0-2160 m; 1, 2, 3, 4, 5; wesca; Beschovski 1968a, 1977a, 1985a, 1998e, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Cetema* (*Cetema*) *neglectum* Tonnoir, 1921** – DW, E1, B2, V4, T2, T31, R1, RW, BN, BS; 0-1860 m; 1, 2, 3, 4, 5; e; Beschovski 1982a, 1985a, 2013b; Beschovski & Dimitrova 1990.

***Chlorops* (*Chlorops*) *adjunctus* Becker, 1910** – B3, V4; 800-1000 m; 2; e; Beschovski 1982a, 1985a, 2013b.

***Chlorops* (*Chlorops*) *anthracophagoideus* Strobl, 1901** – V1, V4, V5; 600-1000 m; 1, 2; e; Beschovski 1978b, 1980a, 1982a, 1985a, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1993, 1998.

***Chlorops* (*Chlorops*) *calceatus* Meigen, 1830** – DM, E2, P2, B1, B2, V4, V5, S1, O4, R1, R2, R3, RW; 100-1900 m; 1, 2, 3, 4; wces; Beschovski 1978b, 1985a, 1998e, 2013b; Beschovski & Dimitrova 1990.

***Chlorops* (*Chlorops*) *fasciatus* Meigen, 1830** – P2, B2, V4, V5, S22, R2; 190-1900 m; 1, 2, 3, 4; wces; Beschovski 1978b, 1980b, 1985a, 2013b, 2013c; Beschovski & Dimitrova 1990.

***Chlorops* (*Chlorops*) *finitimus* Becker, 1910** – DW, V4, S1, TL, R2; 120-2350 m; 1, 2, 3, 4, 5; ewca; Beschovski 1978b, 1980b, 1985a, 2013b; Beschovski & Dimitrova 1990.

***Chlorops* (*Chlorops*) *geminatus* Meigen, 1830** – V4, S211, R1, R2, R4, RW, BN: 0-1900 m; 1, 2, 3, 4; wces; Beschovski 1978b, 1980b, 1985a, 2013b; Beschovski & Dimitrova 1990.

***Chlorops* (*Chlorops*) *gracilis* Meigen, 1830** – V4, BS; 0-1000 m; 1, 2; wces; Beschovski 1978b, 1980b, 1985a, 2013b; Hubenov et al. 1993, 1998.

***Chlorops* (*Chlorops*) *hypostigma* Meigen, 1830** – ♦; DW, E2, P2, B2, B3, V4, V5, S1, O1, O5, R2, RW, RE, BN; 0-1800 m; 1, 2, 3, 4; e; Szilady 1934; Lazarov 1935b; Beschovski 1977a, 1978b, 1980b, 1985a, 1998e, 2013b; Beschovski & Dimitrova 1990.

***Chlorops* (*Chlorops*) *interruptus* Meigen, 1830** – P2, B2, R3, RE, BN, BS; 0-1500 m; 1, 2, 3; ena; Beschovski 1978b, 1980b, 1985a, 2013b; Hubenov et al. 1999, 2000a.

***Chlorops* (*Chlorops*) *meigenii* Loew, 1866** – DM, B2, V4, S211, R2, RW; 200-1800 m; 1, 2, 3, 4; hoes; Beschovski 1978b, 1980b, 1985a, 1998e, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Chlorops* (*Chlorops*) *novakii* Strobl, 1902** – E2, V4; 230-1650 m; 1, 2, 3; tes, ? hoes; Beschovski 1978b, 1980b, 1985a, 2013b; Beschovski & Dimitrova 1990.

***Chlorops* (*Chlorops*) *pumilionis* (Bjerkander, 1778)** [*Ch. nasutus* (Schrank, 1781); *Ch. taeniopus* Meigen, 1830; *Oscinis pumilio* Zetterstedt, 1848] – ▪; ♦; DW, DM, E1, E2, P1, B1, V1, S1, S21, TL, R1, RW, RE, BN; 0-1500 m; 1, 2, 3; wcp; Malkov 1902b, 1904b, 1905, 1907; Kozarov 1912; Nedelkov 1912; Drenowsky 1920a, 1921a, 1922b, 1922c, 1922d, 1923a, 1923b; Drenowsky & Enderlein 1923; Tschorbadjiew 1924b, 1925a, 1925f, 1926b, 1927, 1928a, 1928b, 1929a, 1929b, 1930a, 1932; Botev 1925; Savov 1925; Antonov 1927; Szilady 1934; Lazarov 1935b, 1936a, 1942; Petkoff 1939; Buresch & Lazarov 1956; Popoff 1956; Gospodinov 1958; Lyubenov 1958, 1960, 1961; Zamfirov 1958, 1960b, 1961a, 1962a, 1962b, 1962c, 1962e, 1963a, 1963b, 1963c; Kovachevski et al. 1959; Makarov 1959; Grigorov 1964, 1972, 1976; Beschovski 1977a, 1978b, 1985a, 1980b, 1996a, 2013b; Dely-Draskovits 1985; Beschovski & Dimitrova 1990; Harizanov et al. 1996; Beschovski & Krusteva 1997; Krasteva & Beschovski 1998.

***Chlorops* (*Chlorops*) *quercophila* Beschovski, 1979** – B3, BS; 0-100 m; 1; Ebg; Beschovski 1979, 1980b, 1985a, 2013b; Hubenov et al. 1993, 1998.

***Chlorops* (*Chlorops*) *ringens* Loew, 1866** – DW, DM, B2, V4, V5, S211, S22, T2, R2, R3, RE, BN, BS; 0-1800 m; 1, 2, 3, 4; wces; Beschovski 1978b, 1980b, 1985a, 2013b; Hubenov et al. 1999, 2000a.

***Chlorops* (*Chlorops*) *rufinus* (Zetterstedt, 1848)** – B1, B2, S22, R3; 390-2000 m; 1, 2, 3, 4, 5; hoes; Szilady 1934; Lazarov 1935b; Beschovski 1979, 1980b, 1985a, 1998e, 2013b; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Chlorops* (*Chlorops*) *scalaris* Meigen, 1830** – ♦; E1, E2, K2, V1, V4, V5, S1, R2, RW, BN, BS; 0-1900 m; 1, 2, 3, 4; wces, ? esca; Beschovski 1978b, 1980b, 1985a, 2013b; Beschovski & Dimitrova 1990.

***Chlorops* (*Chlorops*) *serenus* Loew, 1866** – P2, TK, V1, V4, V5, S1, S211, RW, BN; 0-1900 m; 1, 2, 3, 4; wpn; Beschovski 1978b, 1980b, 1985a, 2006a, 2013b; Beschovski & Dimitrova 1990.

***Chlorops* (*Chlorops*) *speciosus* Meigen, 1830** – B2, V1, V4, V5, S1, O1, R1, R2, RW, BN; 0-2500 m; 1, 2, 3, 4, 5, 6; wes; Beschovski 1978b, 1980b, 1985a, 1998e, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Chlorops* (*Chlorops*) *strigulus* (Fabricius, 1794)** – B3, TL, RE, BN, BS; 0-1000 m; 1, 2; des; Beschovski 1979, 1980b, 1985a, 2013b.

***Chlorops* (*Chlorops*) *troglodytes* (Zetterstedt, 1848)** – DM, P2, B2, V1, V4, V5, S211, R1, R2, R3, RW, RE, BS; 5-2100 m; 1, 2, 3, 4, 5; wces; Beschovski 1977a, 1978b, 1980b, 1985a, 1998e, 2006a, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Chlorops* (*Sclerophallus*) *limbatus* Meigen, 1830** [*Ch. brevimanus* Loew, 1866] – O61; 220-260 m; 1; tes; Beschovski 1980b, 1985a, 2013b, 2013c; Nartshuk 2004.

***Chlorops* (*Sclerophallus*) *pallidiventris* (Duda, 1933)** – E2; 200-500 m; 1; cse; Beschovski 1978b, 1980b, 1985a, 2013b; Hubenov et al. 1993, 1998.

***Chlorops* (*Sclerophallus*) *varsoviensis* Becker, 1910** – DW, E2, P1, P2, TL; 100-300 m; 1; tes, ? hoes; Beschovski 1978b, 1980b, 1985a, 2013b.

***Cryptonevra diadema* (Meigen, 1830)** – V1, O61, O62, BN, BS; 0-600 m; 1; wp; Beschovski 1976a, 1981a, 1985a, 2013b.

***Cryptonevra flavitarsis* (Meigen, 1830)** [*Haplegis consimilis* Collin, 1923] – V1, TK, O61, O62, BN, BS; 0-600 m; 1; hop; Beschovski 1968a, 1976a, 1981a, 1985a, 2013b.

***Neohaplegis glabra* (Duda, 1933)** [*Cryptonevra*] – BN, BS; 0-10 m; 1; e; Beschovski 1981a, 1982a, 1985a, 1996a, 2013b.

***Neohaplegis obscuripennis* (Loew, 1874)** – RE; 100-200 m; 1; eeca; Beschovski 2013b, 2013c.

***Neohaplegis tarsata* (Fallén, 1820)** [*Cryptonevra*] – BN; 0-10 m; 1; wces; Beschovski 1968a, 1976a, 1981a, 1985a, 2013b; Hubenov et al. 1993, 1998.

***Diplotoxa messoria* (Fallén, 1820)** – ♦; DW, DM, E1, E2, P1, B1, V1, V4, V5, S1, TL, T11, T31, O4, O62, R1, R2, RE, BN, BS; 0-1400 m; 1, 2, 3; h; Nedelkov 1912; Szilady 1934; Beschovski 1977a, 1985a, 1996a, 2013b; Beschovski & Dimitrova 1990.

***Elachiptereicus italicus* Duda, 1933** – O2, O62, R2; 90-450 m; 1; se; Beschovski 2013b, 2013c.

***Eurina ducalis* A. Costa, 1885** – DW, P3, O62, BN, BS; 0-100 m; 1; csena; Beschovski 1982a, 1985a, 1996a, 2013b; Hubenov et al. 1993, 1998.

***Eurina lurida* Meigen, 1830** – O62, BN, BS; 0-150 m; 1; wp; Beschovski 1982a, 1985a, 1996a, 2013b; Hubenov et al. 1993, 1998.

***Eutropha fulvifrons* (Haliday, 1833)** [*Chlorops fulvifrons* var. *ruficornis* Hend, 1931] – BN, BS; 0-5 m; 1; ena; Beschovski 1964a, 1968a, 1975a, 1976a, 1973c, 1985a, 1996a, 2013b.

***Eutropha variegata* Loew, 1866** – O62, BS; 0-200 m; 1; ewca, ? eit, et; Beschovski 1977a, 1985a, 2013b.

***Homalura tarsata* Meigen, 1826** – RE, BN; 0-600 m; 1; e; Beschovski 1968a, 1985a, 1996a, 2013b; Hubenov et al. 1993, 1998.

***Lasiosina albipila* (Loew, 1866)** – O62, R2, BN, BS; 0-650 m; 1; des; Beschovski 1968a, 1976a, 1977a, 1985a, 2013b.

***Lasiosina brevisurstylata* Dely-Draskovits, 1977** – V1, V4, RE, BN; 0-1000 m; 1, 2; e; Beschovski 1982a, 1985a, 2013b; Beschovski & Dimitrova 1990; Beschovski & Krusteva 1995a, 1995b, 1997; Krasteva & Beschovski 1998, 2000, 2001.

***Lasiosina herpini* (Guérin-Méneville, 1843)** [*L. cinctipes* (Meigen, 1830)] – ▪; ♦; E1, E2, P1, P2, B1, B2, V1, V4, V5, S1, S211, T11, T2, T31, O5, O62, R1, R2, R3, R5, RE, BN, BS; 0-2200 m; 1, 2, 3, 4, 5; tp; Drenowsky 1921a, 1922d, 1923a, 1923b, 1923c; Drenowsky & Enderlein 1923; Tschorbadjiew 1924b, 1924c, 1925a, 1925f, 1929b; Savov 1925; Szilady 1934; Buresch & Lazarov 1956; Popoff 1956; Grigorov 1972, 1976; Beschovski 1976a, 1977a, 1985a, 1998e, 2013b; Dely-Draskovits 1985; Beschovski & Dimitrova 1990; Beschovski & Krusteva 1995a, 1995b, 1997; Krasteva & Beschovski 1998, 2000, 2001; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Lasiosina immaculata* Becker, 1912** – O62; 150-200 m; 1; eswa; Beschovski 1982a, 1985a, 2013b; Hubenov et al. 1993, 1998.

***Lasiosina intermedia* Dely-Draskovits, 1977** – O62, BN; 0-160 m; 1; e; Beschovski 2013b, 2013c.

***Lasiosina lindbergi* (Duda, 1933)** [*Mepachymerus*, *Steleocerus*] – TK, O62, RE; 200-800 m; 1, 2; sena; Beschovski 1982a, 1983, 1985a, 2004a, 2013b; Hubenov et al. 1993, 1998.

***Melanum laterale* (Haliday, 1833)** [*Chlorops*] – BN, BS; 0-10 m; 1; hoes, ? tp; Beschovski 1968a, 1985a, 2013b.

***Meromyza* (*Meromyza*) *athletica* Fedoseeva, 1974** [*M. variegata* Meigen, 1830] – ♦; DW, P1, P2, B2, V4, V5, S1, O4, R1, R2, R5, BS; 0-1840 m; 1, 2, 3, 4; csee; Beschovski 1973a, 1975a, 1977a, 1985a, 2013b, 2013c; Beschovski & Dimitrova 1990; Nartshuk 1992.

***Meromyza* (*Meromyza*) *balcanica* Beschovski, 1996** – B2; 1500-2200 m; 3, 4, 5; Ebg; Beschovski 1996b, 1998e, 2013b; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Meromyza* (*Meromyza*) *bohemica* Fedoseeva, 1962** – P2, B2, TK, V4, O4, R1, R2; 300-1600 m; 1, 2, 3, 4; e; Beschovski 1985a, 2013b; Beschovski & Dimitrova 1990.

***Meromyza* (*Meromyza*) *femorata* Macquart, 1835** – P1, P2, B2, V1, V4, T2, T31, O62, R1, R2, RW, RE, BN, BS; 0-1550 m; 1, 2, 3; e; Beschovski 1982a, 1985a, 1998e, 2013b; Beschovski & Dimitrova 1990.

***Meromyza* (*Meromyza*) *hungarica* Dely-Draskovits, 1978** – T2; 30-40 m; 1; csee, ? e; Beschovski 1982a, 1985a, 2013b; Hubenov et al. 1993, 1998.

***Meromyza* (*Meromyza*) *meigeni* Nartshuk, 2006** [*M. laeta* Meigen, 1830] – V4, R2, RW; 1100-1900 m; 3, 4; wes; Beschovski 1982a, 1985a, 2006a, 2013b, 2013c.

***Meromyza* (*Meromyza*) *mosquensis* Fedoseeva, 1960** – B2, R1, RW, BN; 20-1450 m; 1, 2, 3, 4; e; Beschovski 2013b, 2013c.

***Meromyza* (*Meromyza*) *nigriseta* Fedoseeva, 1960** – E1, B2, V4, R2, R5, RW, BN, BS; 0-1400 m; 1, 2, 3; wces; Beschovski 1975b, 1977a, 1996a, 2013b; Beschovski & Dimitrova 1990.

***Meromyza* (*Meromyza*) *nigriventris* Macquart, 1835** [*M. saltatrix nigriventris* Maqcquart, 1835] – ♦; DW, DM, E2, P1, B2, V1, V4, V5, S1, TL, T2, T31, O4, O62, R1, R2, R5, RW, RE, BN, BS; 0-2200 m; 1, 2, 3, 4, 5; h; Beschovski 1968a, 1976a, 1977a, 1985a, 1996a, 1998e, 1913b; Beschovski & Dimitrova 1990; Krasteva

1995, 1996; Beschovski & Krusteva 1997; Krasteva & Beschovski 1998, 2000; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Meromyza* (*Meromyza*) *obtusa* Peterfi, 1961** – B2, V4, V5; 800-1650 m; 2, 3, 4; cee; Beschovski 1982a, 1985a, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1993, 2008.

***Meromyza* (*Meromyza*) *ornata* (Wiedemann, 1817)** [*M. sororcula* Fedoseeva, 1962] – B2, V4; 680-1300 m; 2, 3; esca, ? hoes; Beschovski 2013b, 2013c.

***Meromyza* (*Meromyza*) *pluriseta* Peterfi, 1961** – TK, V4, V5, S1, R2; 650-1250 m; 2, 3; wces; Beschovski 1982a, 1985a, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1993, 2008.

***Meromyza* (*Meromyza*) *pratorum* Meigen, 1830** – E1, R1, BS; 0-1450 m; 1, 2, 3; h; Beschovski 1976a, 1985a, 2013b.

***Meromyza* (*Meromyza*) *quadrimaculata* Fedoseeva, 1961** – K6, RW, BN; 0-1650 m; 1, 2, 3, 4; ee; Beschovski 1982a, 1985a, 2013b.

***Meromyza* (*Meromyza*) *rohdendorfi* Fedoseeva, 1974** – V4, S1, R1, R2; 650-1500 m; 2, 3, 4; e; Beschovski 1982a, 1985a, 2013b; Beschovski & Dimitrova 1990.

***Meromyza* (*Meromyza*) *rufa* Fedoseeva, 1962** – DW, DM, E2, P1, P2, B2, V4, S1, S211, T31, O1, O4, O5, O62, R1, R2, RW, RE; 120-2050 m; 1, 2, 3, 4; e; Beschovski 1985a, 1998e, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Meromyza* (*Meromyza*) *saltatrix* (Linnaeus, 1761)** – ▪; ♦; DW, DM, E1, E2, P1, P2, B1, B2, V1, V4, V5, S1, S211, TL, T31, O1, O4, O5, R1, R2, R3, R5, RW, RE, BN; 5-2200 m; 1, 2, 3, 4, 5; h; Szilady 1934; Popoff 1956; Lyubenov 1958; Zamfirov 1958, 1961a; Donchev 1961; Grigorov 1972, 1976; Beschovski 1975b, 1976a, 1985a, 1996a, 1998e, 2013b; Beschovski & Dimitrova 1990; Kontev et al. 1991; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Meromyza* (*Meromyza*) *triangulina* Fedoseeva, 1960** – E1, B2, V4, V5, S211, T2, O4, R2, R5, RW; 30-2200 m; 1, 2, 3, 4, 5; e; Beschovski 1982a, 1985a, 1998e, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Meromyza* (*Meromyza*) *variegata* Meigen, 1830** [*M. lidiae* Nartshuk, 1992] – ♦; V1, R1, RW; 600-2000 m; 2, 3, 4, 5; e, ? ewca; Nedelkov 1912; Szilady 1934; Beschovski 1982a, 1985a, 2006a, 2013b.

***Meromyza* (*Meromyza*) *zachvatkini* Fedoseeva, 1960** – B2, V4, V5, T31, O4, R1, R2; 180-2100 m; 1, 2, 3, 4, 5; des; Beschovski 1982a, 1985a, 1998e, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Parectecephala longicornis* (Fallén, 1820)** – DW, V4, R2, BN, BS; 0-1000 m; 1, 2; eswa; Beschovski 1976a, 1985a, 2013b; Beschovski & Dimitrova 1990.

***Phyladelphus thalhammeri* Becker, 1910** – ♦; DW, DM, E1, E2, P2, B3, V1, S1, T2, T31, O2, O62, R2, RE, BN, BS; 0-1000 m; 1, 2; e, ? cse; Beschovski 1977a, 1985a, 1996a, 2013b.

***Platycephala planifrons* (Fabricius, 1798)** – BN, BS; 0-50 m; 1; ? tp; Beschovski 1968a, 1985a, 1996a, 2013b.

***Platycephala umbraculata* (Fabricius, 1794)** – BN; 0-10 m; 1; tp; Beschovski 1968a, 1985a, 2013b; Hubenov et al. 1993, 1998.

***Pseudopachychaeta approximatonervis* (Zetterstedt, 1848)** – P1, P2, BN, BS; 0-700 m; 1, 2; h; Beschovski 1968a, 1975a, 1985a, 2013b.

***Pseudopachychaeta pachycera* Strobl, 1902** – BN; 0-10 m; 1; sena; Beschovski 1968a, 1985a, 2013b; Hubenov et al. 1993, 1998.

***Thaumatomyia elongatula* (Becker, 1910)** – R2; 360-600 m; 1; e; Beschovski 2013b, 2013c.

***Thaumatomyia glabra* (Meigen, 1830)** [*Chloropisca*] – ♦; DW, DM, E1, P1, P2, B1, B2, V1, V4, V5, S1, S22, T2, O4, O62, R1, R2, R5, RE, BN, BS; 0-2000 m; 1, 2, 3, 4; h; Szilady 1934; Beschovski 1977a, 1985a, 1996a, 1998e, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Thaumatomyia hallandica* Andersson, 1966** – ♦; DW, P2, B2, V1, V4, V5, S1, T31, R1, R2, BN, BS; 0-1900 m; 1, 2, 3, 4; wces; Beschovski 1975b, 1982a, 1985a, 1996a, 1998e, 2013b; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Thaumatomyia notata* (Meigen, 1830)** [*Th. notata* var. *circumdata* (Meigen, 1830); *Th. notata* var. *ornata* (Meigen, 1830); *Chlorops*] – ♦; DW, P2, B2, K2, V1, V4, V5, S1, S22, T2, T31, O61, R1, R2, R3, R5, RW, RE, BN, BS; 0-2200 m; 1, 2, 3, 4, 5; ppt; Nedelkov 1912; Szilady 1934; Beschovski 1968a, 1985a, 1975b, 1976a, 1977a, 1996a, 1998a, 2013b; Beschovski & Dimitrova 1990; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Thaumatomyia rufa* (Macquart, 1835)** – E1, P1, P2, B1, B2, V1, V4, S211, O4, R2, RE, BN, BS; 0-1500 m; 1, 2, 3; hop, ? po; Beschovski 1968a, 1985a, 1998e, 2013b; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Thaumatomyia sulcifrons* (Becker, 1907)** – ♦; DM, B2, V1, S1, R2, R5, RW, BN, BS; 0-1500 m; 1, 2, 3; wcp; Beschovski 1975b, 1985a, 1996a, 1998e, 2013b; Hubenov et al. 1999, 2000a; Popov et al. 2000a, 2000b.

***Trichieurina pubescens* (Meigen, 1830)** – V1, V4; 600-950 m; 1, 2; et, ? ewca; Beschovski 1982a, 1985a, 2013b; Hubenov et al. 1993, 1998.

Siphonellopsidae

***Apotropina longepilosa* (Strobl, 1893)** [*Lasiopleura*] – DM, P2, B2, T31, RE, BN; 0-600 m; 1, 2; tes; Beschovski 1968a, 1972a, 1975a, 1977a, 1985a, 2013b.

***Siphonellopsis lacteibasis* Strobl, 1906** – T31, BN; 0-200 m; 1; mt; Beschovski 1968a, 1985a, 2013b; Hubenov et al. 1993, 1998.

Heleomyzidae (Helomyzidae)

***Orbellia borisregis* Czerny, 1930** – R1; 2010 m; 4, 5; Ebg, ? Er; Czerný 1930; Kantardzhieva-Minkova 1957; Beschovski & Gueorguieva 2001; Hubenov et al. 2000b.

***Eccoptomera emarginata* Loew, 1862** – P1, P2, B1, B2, B3, RW; 300-1200 m; 1, 2, 3; e; subtroglophile; Czerný 1930; Buresch 1936; Guéorguiev & Beron 1962; Beron & Guéorguiev 1967; Beschovski 1972c, 2006a; Beron 1994, 2015, 2016; Beschovski & Gueorguieva 2001; Beron et al. 2011.

***Eccoptomera infuscata* Wahlgren, 1918** – V4; 1860-1890 m; 4; des; Beschovski & Gueorguieva 2001.

***Eccoptomera longiseta* Loew, 1862** – V1, RW; 300-600 m; 1; e; Nedelkov 1912; Beschovski & Gueorguieva 2001.

***Eccoptomera microps* (Meigen, 1830)** – ♠; e; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Eccoptomera obscura* (Meigen, 1830)** – B3, RW; 200-1330 m; 1, 2, 3; e; trogloxene; Czerný 1930; Guéorguiev & Beron 1962; Beron 1994, 2015; Beschovski & Gueorguieva 2001; Beron et al. 2011.

***Eccoptomera pallescens* (Meigen, 1830)** – P1, B1; 650-1000 m; 2; e; subtroglophile; Burghele-Bălăcesko 1966; Beron & Guéorguiev 1967; Beron 1994, 2015, 2016; Beschovski & Gueorguieva 2001.

***Neoleria flavicornis* (Loew, 1862)** – DW, V4, BS; 0-940 m; 1, 2; e; Beschovski 1973a; Beschovski & Gueorguieva 2001.

***Neoleria ruficeps* (Zetterstedt, 1838)** – ♠; ena; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Acantholeria cineraria* (Loew, 1862)** – B1, RW, B; 0-1600 m; 1, 2, 3, 4; ewca; trogloxene; Beron & Guéorguiev 1967; Beron 1972b, 1994, 2015, 2016; Beschovski 1972c, 1973c, 1975a; Beschovski & Gueorguieva 2001; Beron et al. 2011.

***Morpholeria* (*Spanoparea*) *innotata* (Czerny, 1933)** – BN, BS; 0-5 m; 1; ewca; Beschovski 1973a; Beschovski & Gueorguieva 2001.

***Morpholeria* (*Spanoparea*) *ruficornis* (Meigen, 1830)** – V4; 1350 m; 3; e; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Morpholeria* (*Spanoparea*) *variabilis* (Loew, 1862)** – V4; 1350-1900 m; 3, 4; cse; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Scoliocentra* (*Leriola*) *brachypterna* (Loew, 1873)** – B1; 445 m; 1; e; trogloxene; Beschovski 1972c; Beron 1994, 2015, 2016; Beschovski & Gueorguieva 2001.

***Scoliocentra* (*Leriola*) *nigrinervis* (Wahlgren, 1918)** [*Helomyza*] – R1; 2000 m; 4, 5; wcp; Czerný 1930; Beschovski & Gueorguieva 2001.

***Scoliocentra* (*Chaetomus*) *flavotestacea* (Zetterstedt, 1838)** – ♠; h; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Scoliocentra* (*Scoliocentra*) *villosa* (Meigen, 1830)** [*S. villosa* var. *villosula* Czerny, 1924] – P2, B1; 350-600 m; 1; wes; trogloxene; Czerný 1930; Buresch 1936; Guéorguiev & Beron 1962; Beron 1994, 2015.

***Gymnomus caesius* (Meigen, 1830)** [*Amoeboleria*, *Blepharoptera*, *Scoliocentra*] – P1, P2, B1, B2, B3, V1, RW; 300-1550 m; 1, 2, 3, 4; e; trogloxene; Nedelkov 1912; Czerný 1930; Buresch 1934; Guéorguiev & Beron 1962; Burghele-Bălăcesko 1966; Beschovski 1972c, 2006a; Beron 1994, 2015; Beschovski & Gueorguieva 2001; Beron et al. 2011.

***Gymnomus spectabilis* (Loew, 1862)** [*Amoeboleria*, *Scoliocentra*] – P2, B3; 400-800 m; 1, 2; e; troglophile; Czerný 1930; Buresch 1936; Guéorguiev & Beron 1962; Beron 1994, 2015; Beschovski & Gueorguieva 2001; Beschovski 2006a.

***Gymnomus ventricosus* (Becker, 1907)** [*Scoliocentra*] – P2; 250-500 m; 1; dp; trogloxene; Czerný 1930; Buresch 1936; Guéorguiev & Beron 1962; Beron 1994, 2015.

***Heleomyza* (*Heleomyza*) *captiosa* (Gorodkov, 1962)** – P1, P2, B1, B3, RW, RE; 300-1400 m; 1, 2, 3; e; subtroglophile; Beron 1972b, 1994, 2015, 2016; Beschovski 1972c, 2006a; Beschovski & Gueorguieva 2001; Beron et al. 2004, 2011.

***Heleomyza* (*Heleomyza*) *modesta* (Meigen, 1835)** [*Blepharoptera*] – V1, RW; 550-990 m; 1, 2; e; trogloxene; Nedelkov 1912; Beschovski & Gueorguieva 2001; Beschovski 2006a; Beron et al. 2011; Beron 2015.

***Heleomyza* (*Heleomyza*) *serrata* (Linnaeus, 1758)** [*Helomyza*, *Leria*] – DW, P1, P2, B1, B3, V1, V4, TL, RW, RE; 100-1500 m; 1, 2, 3; h; subtroglophile; Nedelkov 1912; Czerný 1930; Buresch 1936; Guéorguiev & Beron 1962; Burghele-Bălăcesko 1966; Beschovski 1972c; Lavchiev & Jovčev 1978; Lavchiev & Zhekov 1980; Beron 1994, 2015, 2016; Beschovski & Gueorguieva 2001; Beron et al. 2011.

***Suillia affinis* (Meigen, 1830)** – E2, B2, V4, S23, T31; 0-1400 m; 1, 2, 3; e; Gorodkov 1984c; Beschovski & Gueorguieva 2001; Dvořák et al. 2021.

***Suillia atricornis* (Meigen, 1830)** – V4; 1400 m; 3, 4; h; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Suillia bicolor* (Zetterstedt, 1838)** [*Helomyza zetterstedti* Loew, 1862] – V1, T31; 350-600 m; 1; tp; Nedelkov 1912; Nikolova 1963; Beschovski & Gueorguieva 2001.

***Suillia crinimana* (Czerny, 1904)** [*S. subdola* Czerny, 1927] – ♠; e; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Suillia flava* (Meigen, 1830)** [*Helomyza rufa* Fallén, 1820] – BN; 0-10 m; 1; esca; Löw 1862; Beschovski & Gueorguieva 2001.

***Suillia flavifrons* (Zetterstedt, 1838)** – V4, BN; 0-10 m, 1240-1870 m; 1, 3, 4, 5; tes, ? hoes; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Suillia fuscicornis* (Zetterstedt, 1847)** – B2, V4, R1; 1300-1880 m; 3, 4, 5; wces; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Suillia gigantea* (Meigen, 1830)** – DM; 125-180 m; 1; e; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Suillia humilis* (Meigen, 1830)** [*S. inornata* Loew, 1862] – T31, O5, R4; 65-1250 m; 1, 2, 3; tes; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Suillia imberbis* Czerny, 1924** – BS; 0-10 m; 1; e; Martinek 1987; Beschovski & Gueorguieva 2001.

***Suillia laevifrons* (Loew, 1862)** – B2, V5, S211, T31, R1, R2, R4; 350-1400 m; 1, 2, 3, 4; tes; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Suillia lurida* (Meigen, 1830)** – ▪; ♦; DW, E1, E2, P1, P2, TK, V1, S1, TL, T1, T2, O62, R5; 30-800 m; 1, 2; e; Nedelkov 1912; Nikolova 1953, 1958, 1959, 1960, 1963; Popoff 1956; Gaspodinov 1958; Popoff & Nikolova 1958; Kovachevski et al. 1959; Grigorov 1972, 1976; Harizanov et al. 1996; Beschovski & Gueorguieva 2001.

***Suillia nemorum* (Meigen, 1830)** – B2, R2, RW; 1300-2000 m; 3, 4, 5; h; Gorodkov 1984c; Beschovski & Gueorguieva 2001; Beschovski 2006a.

***Suillia notata* (Meigen, 1830)** – T31, RW; 350-1920 m; 1, 2, 3, 4; ena; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Suillia oxyphora* (Mik, 1900)** – B2, V1, R2; 390-1400 m; 1, 2, 3; e; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Suillia pallida* (Fallén, 1820)** [*Helomyza olens* (Meigen, 1830)] – B2, V1, R1, R4; 550-2300 m; 2, 3, 4, 5; e; Nedelkov 1912; Beschovski & Gueorguieva 2001.

***Suillia parva* (Loew, 1862)** – V4; 900-1240 m; 2, 3; wces; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Suillia tuberiperda* (Rondani, 1867)** – V4; 940 m; 2; se; Beschovski & Gueorguieva 2001.

***Suillia umbratica* (Meigen, 1835)** – B2, V4; 1240-1300 m; 3; e; Beschovski & Gueorguieva 2001.

***Suillia ustulata* (Meigen, 1830)** – V4, R2; 740-940 m; 2; e; Beschovski & Gueorguieva 2001.

***Suillia variegata* (Loew, 1862)** – T31, O62, RE; 124-340 m; 1; wp; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Suillia villeneuvei* Czerny, 1924** – B2, T31, O62, R1, R4, BN; 0-2300 m; 1, 2, 3, 4, 5; e; Gorodkov 1984c; Beschovski & Gueorguieva 2001.

***Tephrochlaena halterata* (Meigen, 1830)** [*Tephroclamys*] – RW; 1500-1600 m; 4; e; Beron & Guéorguiev 1967; Beron 1994, 2015; Beschovski & Gueorguieva 2001; Beron et al. 2011.

***Heteromyza atricornis* Meigen, 1830** [*Thelida*] – DM, E1, P1, P2, B1, B2, B3, V4, S21, RW; 40-1240 m; 1, 2, 3; e; troglophile; Czerný 1930; Buresch 1936; Guéorguiev & Beron 1962; Burghele-Bălăcesko 1966; Beron & Guéorguiev 1967; Beschovski 1972c, 2006a; Beron 1994, 2015; Beschovski & Gueorguieva 2001; Beron et al. 2011.

***Heteromyza commixta* Collin, 1901** [*Thelida*] – DM, P1, B1; 130-1100 m; 1, 2, 3; e; trogloxene; Beron & Guéorguiev 1967; Beron 1994, 2015, 2016; Beschovski & Gueorguieva 2001.

***Heteromyza rotundicornis* (Zetterstedt, 1846)** [*Thelida*] – P2, B1, V1, V4; 280-1100 m; 1, 2, 3; e; trogloxene; Beron & Guéorguiev 1967; Beschovski 1972c; Beron 1994, 2015; Beschovski & Gueorguieva 2001.

***Tephrochlamys flavipes* (Zetterstedt, 1838)** – V1, TL, RW; 200-1000 m; 1, 2; e; Nedelkov 1912.

***Tephrochlamys rufiventris* (Meigen, 1830)** – V1, V4, TL, R2, BN, BS; 0-1240 m; 1, 2, 3; h; Beschovski 1973a; Beschovski & Gueorguieva 2001.

Trixoscelididae (Trichoscelidae)

***Trixoscelis obscurella* (Fallén, 1823)** – BN; 0-5 m; 1; eca; Beschovski 1966a.

Chyromyidae

***Chyromya flava* (Linnaeus, 1758)** – B1, V1; 600-800 m; 1, 2; h; trogloxene; Nedelkov 1912; Beron 1994, 2015.

Sphaeroceridae (Borboridae)

***Sphaerocera curvipes* Latreille, 1805** [*S. subsultans*] – V1; 550-600 m; 1; k; Nedelkov 1912.

***Ischiolepta pusilla* (Fallén, 1820)** – RW; 850-1480 m; 2, 3, 4; hna; Beschovski 1967b, 2006a.

***Lotobia pallidiventris* (Meigen, 1830)** – ♠; ppt; Papp 1984d.

***Copromyza equina* Fallén, 1820** [*Borborus*, *Trichiaspis*] – V1, R1; 550-1500 m; 1, 2, 3, 4; k; Nedelkov 1912; Lavčiev 1965a; Lavchiev et al. 1984.

***Lotophila atra* (Meigen, 1830)** [*Borborus*, *Olina geniculata* (Macquart, 1835)] – V1, BS; 0-600 m; 1; ho; Nedelkov 1912; Gregor & Povolny 1959.

***Norrbomia hispanica* (Duda, 1923)** [*Borborillus*] – ♠; ewca; Papp 1984d.

***Norrbomia nilotica* (Becker, 1903)** [*N. nitidifrons* Duda, 1923] – ♠; ena; Papp 1984d.

***Borborillus vitripennis* (Meigen, 1830)** – ♠; tes; Papp 1984d.

***Crumomyia fimetaria* (Meigen, 1830)** – ♠; e; Papp 1984d.

***Crumomyia glabrifrons* (Meigen, 1830)** [*Borborus*] – V1; 550-600 m; 1; ewca; Nedelkov 1912.

***Crumomyia rohaceki* Norrbom & Kim, 1985** [*C. glacialis* Meigen, 1830] – R1; 2005 m; 4, 5; e; Czerný 1930.

***Crumomyia nigra* (Meigen, 1830)** [*Borborus*, *Copromyza*, *Cypsela*, *Sphaerocera*] – B1, V1, RW; 460-1540 m; 1, 2, 3, 4; ho; trogloxene; Nedelkov 1912; Czerný 1930; Guéorguiev & Beron 1962; Beron & Guéorguiev 1967; Beron 1994, 2015, 2016; Beron et al. 2011.

***Crumomyia nitida* (Meigen, 1830)** [*Copromyza*, *Cypsela*, *Borborus*, *Stratioborborus*] – B1, V1; 450-600 m; 1; wes; trogloxene; Nedelkov 1912; Beron & Guéorguiev 1967; Beron 1994, 2015, 2016.

***Crumomyia roserii* (Rondani, 1880)** [*Copromyza*] – T11; 100-300 m; 1; e; trogloxene; Beron 1994, 2015.

***Coproica digitata* (Duda, 1918)** – BN; 0-5 m; 1; spo; Beschovski 1967b.

***Coproica ferruginata* (Stenhammar, 1855)** [*Limosina*] – V1; 550-600 m; 1, 2; k; Nedelkov 1912.

***Coproica hirticula* Collin, 1956** – ♠; sk, i; Papp 1984d.

***Coproica hirtula* (Rondani, 1880)** – BN; 0-10 m; 1; k; Beschovski 1967b.

***Coproica pusio* (Zetterstedt, 1847)** – ♠; ppt; Papp 1984d.

***Coproica vagans* (Haliday, 1833)** [*C. vagans* var. *flava* (Duda, 1918); *Coprophila*] – RW, BN; 0-1200 m; 1, 2, 3; k; Beschovski 1967b.

***Elachisoma kerteszi* (Duda, 1924)** [*Trachyopella*] – BN; 0-5 m; 1; se; Beschovski 1967b.

***Gonioneura spinipennis* (Haliday, 1836)** [*Halidayiana*] – R5, RW; 550-1490 m; 1, 2, 3, 4; ho; Beschovski 1967b, 2006a; Roháèek 1983.

***Thoracochaeta brachystoma* (Stenhammar, 1855)** [*Leptocera*] – BN, BS; 0-5 m; 1; k; Caspers 1951a, 1951b; Beschovski 1964a, 1964b, 1965.
***Thoracochaeta zosterae* (Haliday, 1833)** – BS; 0-5 m; 1; hn; Beschovski 1967b.
***Chaetopodella scutellaris* (Haliday, 1836)** – DM, RW; 156-1060 m; 1, 2, 3; pat; Beschovski 1967b, 2006a; Roháèek 1983.
***Pteremis fenestralis* (Fallén, 1820)** – ♠; e; Papp 1984d.
***Opacifrons coxata* (Stenhammar, 1855)** – P1, RW, BN, BS; 0-1000 m; 1, 2; hat; Beschovski 1967b, 2006a.
***Opacifrons maculifrons* (Becker, 1907)** [*Limosina*] – BN; 0-5 m; 1; ha; Beschovski 1967b; 1968b.
***Pseudocollinella humida* (Haliday, 1836)** [*Spinotarsella*] – R2; 2220-2320 m; 5; pat; Beschovski 1967b.
***Pseudocollinella septentrionalis* (Stenhammar, 1855)** – RW; 1320-1480 m; 3, 4; tes; Beschovski 1967b, 2006a.
***Leptocera caenosa* (Rondani, 1880)** [*Paracollinella*] – DM, TL, BN; 0-230 m; 1; sk; Beschovski 1967b, 2006a.
***Leptocera fontinalis* (Fallén, 1826)** [*Paracollinella*] – TL, RW; 250-900 m; 1, 2; hnat; Beschovski 1967b, 2006a.
***Leptocera nigra* Olivier, 1813** [*Paracollinella curvinervis* Stenhammar, 1855] – DM, P3, TL, R5, BN; 0-530 m; 1; ppt; Beschovski 1967b, 2004a, 2006a; Roháèek 1983.
***Rachispoda breviceps* (Stenhammar, 1855)** [*Collinellula*] – P3, BN, BS; 0-30 m; 1; e; Beschovski 1967b.
***Rachispoda cilifera* (Rondani, 1880)** [*Collinellula*] – P3, BN, BS; 0-30 m; 1; tes; Beschovski 1967b.
***Rachispoda fuscipennis* (Haliday, 1833)** [*Collinellula fuscipennis* var. *plurisetosa* (Strobl, 1900); *Limosina oelandica* Stenhammar, 1854] – V1, BN, BS; 0-600 m; 1; k; Nedelkov 1912; Beschovski 1967b.
***Rachispoda limosa* (Fallén, 1820)** [*Collinellula*] – V1; 550-600 m; 1; hat; Nedelkov 1912.
***Rachispoda hostica* (Villeneuve, 1917)** [*Collinellula*] – P3; 20-30 m; 1; eanca; Beschovski 1967b.
***Rachispoda lutosa* (Stenhammar, 1855)** [*Collinellula*; *C. palustris* (Collin, 1930)] – R2, RW; 1300-2300 m; 3, 4, 5; h; Beschovski 1967b, 2006a.
***Rachispoda lutosoidea* (Duda, 1938)** [*Collinellula*] – BN; 0-5 m; 1; wcp; Beschovski 1964a, 1964b.
***Rachispoda modesta* (Duda, 1924)** [*Collinellula*] – P3, BN, BS; 0-40 m; 1; wp; Beschovski 1967b.
***Rachispoda varicornis* (Strobl, 1900)** [*Collinellula*] – P3, BN; 0-40 m; 1; sppt; Beschovski 1967b.
***Paralimosina fucata* (Rondani, 1880)** – ♠; ena; Papp 1984d.
***Opalimosina* (*Pappiella*) *liliputana* (Rondani, 1880)** – ♠; h; Papp 1984d.
***Opalimosina* (*Opalimosina*) *mirabilis* (Collin, 1902)** [*Limosina*] – TL, RW; 80-1480 m; 1, 2, 3, 4; sk; Beschovski 1967b, 2004a, 2006a.
***Paralimosina macedonica* (Roháček, 1977)** – ♠; seei; Papp 1984d.
***Spelobia* (*Spelobia*) *clunipes* (Meigen, 1830)** [*Limosina crassimana* Haliday, 1836] – RW, BS; 0-1480 m; 1, 2, 3, 4; h; Gregor & Povolny 1959; Beschovski 1967b, 2006a.
***Spelobia* (*Spelobia*) *luteilabris* (Rondani, 1880)** [*Limosina*] – ♠; ha; Papp 1984d.
***Spelobia* (*Eulimosina*) *ochripes* (Meigen, 1830)** [*Limosina*] – V1; 600 m; 1; ho; Nedelkov 1912.
***Spelobia* (*Spelobia*) *palmata* (Richards, 1927)** [*Limosina*] – ♠; ena; Papp 1984d.
***Spelobia* (*Spelobia*) *parapusio* (Dahl, 1909)** [*Limosina*] – ♠; tp; Papp 1984d.
***Spelobia* (*Spelobia*) *pseudosetaria* (Duda, 1918)** [*Limosina*] – DM, BN; 0-150 m; 1; hata; Beschovski 1967b.
***Spelobia* (*Spelobia*) *rufilabris* (Stenhammar, 1855)** [*Limosina*] – ♠; po; Papp 1984d.
***Spelobia* (*Spelobia*) *talparum* (Richards, 1927)** [*Limosina*] – ♠; e; Papp 1984d.
***Telomerina flavipes* (Meigen, 1830)** [*Limosina*] – ♠; k; Papp 1984d.
***Pullimosina* (*Pullimosina*) *heteroneura* (Haliday, 1836)** [*Limosina*] – DM, BN, BS; 0-160 m; 1; k; Beschovski 1967b.
***Phthitia* (*Kimosina*) *longisetosa* (Dahl, 1909)** [*Limosina*] – ♠; des; Papp 1984d.
***Minilimosina* (*Minilimosina*) *parvula* (Stenhammar, 1855)** [*Limosina*] – ♠; h; Papp 1984d.
***Terrilimosina racovitzai* (Bezzi, 1911)** [*Limosina*] – DM, P1, B1, RW; 60-1330; 1, 2, 3; h; trogloxene; Hazelton 1970; Beschovski 1972c; Papp 1984d; Beron 1994, 2015, 2016; Beron et al. 2011.
***Limosina silvatica* (Meigen, 1830)** – P1, B1; 520-550 m; 1; ena, ? h; trogloxene; Beschovski 1972c; Beron 1994, 2015.

Curtonotidae

***Curtonotum anus* (Meigen, 1830)** – V1, BN, BS; 0-600 m; 1; esca, ? tp; Nedelkov 1912; Beschovski 1976a, 2007.

Camillidae

***Camilla atrimana* Strobl, 1910** [*C. glabra* (Fallen,1823)] – R2, BN, BS; 0-1000 m; 1, 2; eswa; Beschovski 1976b, 2007.

Drosophilidae

***Phortica* (*Phortica*) *variegata* (Fallén, 1823)** [*Amiota*] – B1, R2, BS; 0-1000 m; 1; po; trogloxene; Beschovski 1972c; Máca 1987; Beron 1994, 2015, 2016.

***Drosophila* (*Drosophila*) *funebris* (Fabricius, 1787)** [*D. confusa* Staeger, 1844] – B2, V1; 600-750 m; 1; k; trogloxene; Nedelkov 1912; Czerný 1930; Guéorguiev & Beron 1962; Beron 2015.

***Drosophila* (*Drosophila*) *phalerata* Meigen, 1830** – DW, BS; 0-200 m; 1; tp; Kozarov 1908, 1911; Buresch & Lazarov 1956; Máca 1987.

***Drosophila* (*Drosophila*) *testacea* von Roser, 1840** – R2; 950-1000 m; 2; po; Máca 1987.

***Drosophila* (*Drosophila*) *transversa* Fallén, 1823** – R2; 1800 m; 4; h; Máca 1987.

***Drosophila* (*Sophophora*) *melanogaster* Meigen, 1830** [*D. approximata* Zetterstedt, 1847; *D. fasciata* Meigen, 1930] – P1, B1, V1, R2, RW; 260-1340 m; 1, 2, 3; k; trogloxene; Nedelkov 1912; Beschovski 1972c; Máca 1987; Beron 1994, 2015, 2016; Beron et al. 2011.

***Drosophila* (*Sophophora*) *obscura* Fallén, 1823** – BS; 0-10 m; 1; wp; Máca 1987.

***Drosophila* (*Sophophora*) *subobscura* Collin, 1936** – S211, R2, BS; 0-800 m; 1, 2; hn; Máca 1987.

***Drosophila suzukii* (Matsumura, 1931)** – ▪; K9, TL, O61, O62, BN; 0-700 m; 1; sk*; Karadjova et al. 2016.

***Lordiphosa fenestrarum* (Fallén, 1823)** [*Drosophila*; *D. melanogaster* Meigen, 1830] – V1, BN; 0-600 m; 1; e; Nedelkov 1912; Vassileva-Dryanovska & Gencheva 1965; Máca 1987.

***Hirtodrosophila cameraria* (Haliday, 1833)** – R2; 950-1000 m; 2; wp; Bächli & Teresa Rocha Pite 1984.

***Hirtodrosophila trivittata* (Strobl, 1893)** [*Drosophila*] – BS; 0-10 m; 1; po; Máca 1987.

***Scaptodrosophila deflexa* (Duda, 1924)** – BS; 0-10 m; 1; e; Máca 1987.

***Mycodrosophila poecilogastra* (Loew, 1874)** – BS; 0-10 m; 1; tp; Máca 1987.

***Scaptomyza* (*Parascaptomyza*) *pallida* (Zetterstedt, 1847)** – B2, K9, V4, S211, R1, R2, BN, BS; 0-2500 m; 1, 2, 3, 4, 5, 6; k; Máca 1987.

***Scaptomyza* (*Scaptomyza*) *flava* (Fallén, 1823)** [*S. apicalis* Hardy, 1849] – V1, V4, R1; 550-1200 m; 1, 2, 3; h; Buhr 1941; Máca 1987.

***Scaptomyza* (*Scaptomyza*) *graminum* (Fallén, 1823)** – V1, V4, R1, R2; 550-2500 m; 1; ho; Nedelkov 1912; Máca 1987.

Campichoetidae

***Campichoeta obscuripennis* (Meigen, 1830)** – DW, K6, K9, BN; 0-800 m; 1, 2; po; Chandler 1987; Beschovski 2007.

***Campichoeta punctum* (Meigen, 1830)** – O62, RE; 90-300 m; 1; ean, ? po; Beschovski 2007.

***Euthychaeta spectabilis* (Loew, 1864)** – RW; 360-4oo m; 1; e; Chandler 1987; Beschovski 2007.

Diastatidae

***Diastata adusta* Meigen, 1830** – B2; 500-600 m; 1; ena; Chandler 1987; Máca & Roháček 1994; Beschovski 2007.

***Diastata cervinala* Chandler, 1987** – BN; 0-5 m; 1; e; Chandler 1987; Máca & Roháček 1994; Beschovski 2007.

***Diastata costata* Meigen, 1830** [*D. fiscula* Fallén, 1823] – S22, O5, R1, R2; 700-1400 m; 2, 3; h; Beschovski 1976b, 2007; Máca & Roháček 1994.

***Diastata fuscula* (Fallen, 1823)** [*D. inornata* Loew, 1864] – T31, O5, R4, RE, BN; 0-1250 m; 1, 2, 3; ena; Beschovski 1976b, 2007; Chandler 1987; Máca & Roháček 1994.

Ephydridae

***Discomyza incurva* (Fallén, 1823)** – E2, BN, BS; 0-150 m; 1; tp, ? h; Zatwarnicki 1991; Beschovski 2009; Beschovski & Zatwarnicki 2000.

***Clanoneurum cimiciforme* (Haliday, 1855)** [*C. infumatum* Becker, 1903] – O62, BN, BS; 0-150 m; 1; ena; ? h; Beschovski 1966e, 2009; Beschovski & Zatwarnicki 2000.

***Diasemocera glabricula* (Fallén, 1813)** [*Psilopa nigritella* Stenhammar, 1844; *P. obscuripes* Loew, 1860] – E2, P1, T11, T31, O62, RW, RE, BN, BS; 0-1300 m; 1, 2, 3; wcp; Beschovski 1966e, 2004a, 2006a, 2009; Beschovski & Zatwarnicki 2000; Zatwarnicki 2018.

***Diasemocera leucostoma* (Meigen, 1830)** [*Psilopa*] – BN, BS; 0-5 m; 1; h; Beschovski & Zatwarnicki 2000; Beschovski 2009; Zatwarnicki 2018.

***Diasemocera marginella* Fallén, 1823** [*Psilopa*] – DW, B2, B3, V4, S211; 50-1550 m; 1, 2, 3; e; Beschovski & Zatwarnicki 2000; Beschovski 2009; Zatwarnicki 2018.

***Diasemocera maritima* (Perris, 1847)** [*Psilopa*] – BN, BS; 0-5 m; 1; se, ? hom; Beschovski 1966e, 2009; Beschovski & Zatwarnicki 2000; Zatwarnicki 2018.

***Diasemocera nana* (Loew, 1860)** [*Psilopa nigritella* Stenhammar, 1844] – RW, RE, BN, BS; 0-1100 m; 1, 2, 3; pat; Beschovski 1964a, 1964b, 1972b, 1973c, 1973e, 1975a, 1975b, 1976a, 1996a, 2004a, 2006a, 2009; Beschovski & Zatwarnicki 2000; Zatwarnicki 2018.

***Psilopa nitidula* Fallén, 1813** – ♦; DW, DM, E1, E2, P1, P2, B2, B3, K2, K6, V1, V4, V5, S1, S21, S211, S22, TL, T2, T31, O4, O5, O62, R2, R3, R5, RW, RE, BN, BS; 0-2570 m; 1, 2, 3, 4, 5, 6; pat; Beschovski 1966e, 1976a, 1996c, 1997b, 2004a, 2006a, 2009; Zatwarnicki 1991; Beschovski & Zatwarnicki 2000.

***Psilopa obscuripes* Loew, 1860** [*P. compta* (Meigen, 1830)] – ♦; DW, DM, E2, P1, P2, B2, V1, V4, V5, S1, S21, TL, T11, T2, T31, O5, O61, O62, R2, RE, BN, BS; 0-2300 m; 1, 2, 3, 4, 5; eanna, ? wp; Zamfirov 1960b; Beschovski 1966e, 1975b, 1976a, 1996c, 1997b, 2004a, 2009; Beschovski & Zatwarnicki 2000.

***Psilopa polita* (Macquart, 1835)** – DW, DM, E1, E2, P1, P2, B1, B2, B3, K2, K6, V1, V4, V5, S1, S211, S22, TL, T11, T2, T31, O4, O5, O62, R1, R2, R3, R5, RW, RE, BN, BS; 0-2300 m; 1, 2, 3, 4, 5; dp; Zatwarnicki 1991; Beschovski 1996c, 1997b, 2004a, 2006a, 2009; Beschovski & Zatwarnicki 2000.

***Psilopa roederi* Girschner, 1889** – RE; 130-160 m; 1; e; Beschovski 2009.

***Psilopa stackelbergi* Nartshuk, 1970** – DW, DM, P1, P2, B2, V4; 100-1600 m; 1, 2, 3, 4; cse, ? e; Beschovski & Zatwarnicki 2000; Beschovski 2009; Zatwarnicki 2018.

***Trimerina madizans* Fallén, 1813** [*Madiza*] – ♦; DW, E2, V5, S211, BN; 0-1000 m; 1, 2; h; Szilady 1934; Beschovski 1966e, 2009; Beschovski 2009; Zatwarnicki 2018.

***Trimerina microchaeta* Hendel, 1932** – B3; 800 m; 2; des, ? dp; Zatwarnicki 1996; Beschovski & Zatwarnicki 2000; Beschovski 2009.

***Asmeringa inermis* Becker, 1903** – BS; 0-5 m; 1; atm; Beschovski 1973f, 2009; Beschovski & Zatwarnicki 2001a.

***Atissa hepaticoloris* Becker, 1903** – BN, BS; 0-5 m; 1; sena; Beschovski & Zatwarnicki 2001a; Beschovski 2009.

***Atissa kerteszi* Papp, 1974** [*A. pygmaea* Haliday, 1833] – BN, BS; 0-5 m; 1; csee; Beschovski 1964a, 1964b, 1972a, 1973c, 1973e, 1975a, 1975b, 2009; Beschovski & Zatwarnicki 2001a.

***Atissa limosina* Becker, 1896** – BN, BS; 0-5 m; 1; ena; Beschovski 1966e, 1973c, 1973e, 1975a, 1975b, 1976a, 2009; Beschovski & Zatwarnicki 2001a.

***Atissa pygmaea* (Haliday, 1833)** – DW, BN, BS; 0-100 m; 1; wpat; Beschovski 1964a, 1964b, 1972a, 1973c, 1973e, 1975a, 1975b, 1976a, 1996c, 2009; Beschovski & Zatwarnicki 2001a.

***Ptilomyia orsovana* (Enderlein, 1922)** – DW, DM; 100-200 m; 1; sena, ? ee; Zatwarnicki 1996; Beschovski & Zatwarnicki 2001a; Beschovski 2009.

***Schema acrosticale* (Becker, 1903)** [*Atissa*] – BN, BS; 0-5 m; 1; ? wp; Beschovski 1966e, 2009; Beschovski & Zatwarnicki 2001a.

***Hydrellia albifrons* Fallén, 1813** – RW; 1300-1400 m; 3, 4; wp; Beschovski 2009.

***Hydrellia albilabris* (Meigen, 1830)** – V4, O62, BN; 0-900 m; 1, 2; ena; Beschovski 1966e, 2009; Beschovski & Zatwarnicki 2001a.

***Hydrellia cardamines* Haliday, 1839** – BN; 0-5 m; 1; e; Beschovski 1966e, 2009; Beschovski & Zatwarnicki 2001a.

***Hydrellia fascitibia* (von Roser, 1840)** – BN, BS; 0-10 m; 1; h; Beschovski 1966e, 2009; Beschovski & Zatwarnicki 2001a.

***Hydrellia flaviceps* (Meigen, 1830)** – DM, E2, O62, BN; 0-200 m; 1; po; Beschovski & Zatwarnicki 2001a; Beschovski 2009.

? *Hydrellia flavicornis* (Fallén, 1823) [? *H. nigripes* Zetterstedt, 1838; ? *H. svecica* Zatwarnicki, 1998] – TL, BN; 0-250 m; 1; e; Beschovski 1966e.

***Hydrellia fusca* (Stenhammar, 1844)** – RW; 1320-1450 m; 3, 4; e; Beschovski & Zatwarnicki 2001a; Beschovski 2006a, 2009.

***Hydrellia griseola* (Fallén, 1813)** [*H. chrysostoma* (Meigen, 1830); *H. cochleariae* Haliday, 1839; *H. nigripes cochleariae* Haliday, 1839] – ▪; ♦; DW, DM, E2, P1, P2, B1, B2, B3, K2, V1, V4, V5, S1, S22, TL, T11, T2, T31, O5, O61, O62, R1, R2, R3, R5, RW, RE, BN, BS; 0-2500 m; 1, 2, 3, 4, 5, 6; sk; Kozarov 1910-1911; Buresch & Lazarov 1956; Lyubenov 1958; Beschovski 1966e, 2004a, 2006a, 2009; Beschovski & Zatwarnicki 2001a.

***Hydrellia ischiaca* Loew, 1862** [*H. appendiculata* Collin, 1966] – DW, E2, P2, O5, O62, BN; 0-750 m; 1, 2; h; Beschovski & Zatwarnicki 2001a; Beschovski 2009.

***Hydrellia maculiventris* Becker, 1896** – E2, B1; 150-700 m; 1; ena; Beschovski & Zatwarnicki 2001a; Beschovski 2009.

***Hydrellia maura* Meigen, 1838** [*H. modesta* Loew, 1860] – E2, B2, V1, V4, S1, T31, R1, R2, RW, BN, BS; 0-2500 m; 1, 2, 3, 4, 5, 6; ena, ? wp; Beschovski 1966e, 2009; Beschovski & Zatwarnicki 2001a.

***Hydrellia mutata* (Zetterstedt, 1846)** – RW; 1270-1470 m; 3, 4; e; Beschovski 1966e.

***Hydrellia pubescens* Becker, 1926** [*H. nasturtii* Collin, 1928] – BN; 0-5 m; 1; ena; Beschovski 1966e.

***Hydrellia obscura* (Meigen, 1830)** – DW, E2, B1, TL, R5, RW, BN; 0-1500 m; 1, 2, 3, 4; wcp; Beschovski 1966e, 2009; Beschovski & Zatwarnicki 2001a.

***Hydrellia parafrontosa* Papp, 1983** – E2, BN; 0-150 m; 1; see; Beschovski & Zatwarnicki 2001a; Beschovski 2009.

***Hydrellia ranunculi* Haliday, 1839** [*H. albiceps* Meigen, 1830; *H. flavicornis* Fallén, 1823; *H. pilitarsis* Stenhammar,1984] – B2, BN, BS; 0-1500 m; 1, 2, 3, 4; ena; Beschovski 1966e, 1972a, 1975a, 2009; Beschovski & Zatwarnicki 2001a.

***Hydrellia subalbiceps* Collin, 1966** – DW, V4, RW; 110-1570 m; 1, 2, 3, 4; ena; Beschovski & Zatwarnicki 2001a; Beschovski 2006a, 2009.

***Hydrellia tarsata* Haliday, 1839** [*H. flavicornis* Fallén, 1823] – T31, BN; 0-200 m; 1; e; Beschovski & Zatwarnicki 2001a; Beschovski 2009.

***Hydrellia thoracica* Haliday, 1839** – E2, BN; 0-150 m; 1; e; Beschovski & Zatwarnicki 2001a; Beschovski 2009.

***Dichaeta caudata* (Fallén, 1813)** – TK, V1, T2, O61, BN; 0-700 m; 1, 2; h; Beschovski 1996c, 2009; Beschovski & Zatwarnicki 2001a.

***Notiphila* (*Agrolimna*) *venusta* Loew, 1856** – DW, V1, T2, O62, R2; 37-1250 m; 1, 2, 3; des; Beschovski 1966e, 2009; Beschovski & Zatwarnicki 2001a.

***Notiphila* (*Notiphila*) *annulipes* Stenhammar, 1844** – DW, B2, T2, O61, RW, BN; 0-1380 m; 1, 2, 3, 4; dp; Beschovski & Zatwarnicki 2001a; Beschovski 2006a, 2009.

***Notiphila* (*Notiphila*) *brunipes* (Robineau-Desvoidy, 1830)** – TL, BN; 0-250 m; 1; e; Beschovski 1966e, 2009; Beschovski & Zatwarnicki 2001a.

***Notiphila* (*Notiphila*) *cinerea* Fallén, 1813** – DW, DM, P1, P2, V1, O62, R1, RW, BN, BS; 0-1400 m; 1, 2, 3, 4; tp; Nedelkov 1912; Beschovski 1964a, 1964b, 2006a, 2009; Beschovski & Zatwarnicki 2001a.

***Notiphila* (*Notiphila*) *dorsata* Stenhammar, 1844** – O61, BN, BS; 0-400 m; 1; tp, ? dp; Beschovski & Zatwarnicki 2001a; Beschovski 2009.

***Notiphila* (*Notiphila*) *graecula* Becker, 1926** – DW, E2, P1, B2, T31, O62, R1, R2, RW, RE, BN, BS; 0-1400 m; 1, 2, 3, 4; ewca; Beschovski 1996c, 2004a, 2006a, 2009; Beschovski & Zatwarnicki 2001a.

***Notiphila* (*Notiphila*) *maculata* Stenhammar, 1844** – B1, B2; 500-700 m; 1, 2; ena; Beschovski & Zatwarnicki 2001a; Beschovski 2009.

***Notiphila* (*Notiphila*) *nigricornis* Stenhammar, 1844** [*N. uliginosa* Haliday, 1839] – DW, E2, P1, B1, B2, V1, V4, TL, O62, R1, R2, BN, BS; 0-1500 m; 1, 2, 3, 4; esca; Nedelkov 2012; Beschovski 1997b, 2009; Beschovski & Zatwarnicki 2001a.

***Notiphila* (*Notiphila*) *riparia* Meigen, 1830** – DW, P1, V1, BN, BS; 0-600 m; 1; wp, ? h; Beschovski & Zatwarnicki 2001a; Beschovski 2009.

***Notiphila* (*Notiphila*) *stagnicola* (Robineau-Desvoidy, 1830)** [*N. australis* Loew, 1860] – V1, O62; 150-600 m; 1; wp; Nedelkov 2012; Beschovski & Zatwarnicki 2001a; Beschovski 2009.

***Notiphila* (*Notiphila*) *subnigra* Krivosheina, 1998** – P1, B2, V1; 400-800 m; 1, 2; e; Beschovski & Zatwarnicki 2001a; Beschovski 2009.

***Athyroglossa* (*Athyroglossa*) *glabra* (Meigen, 1830)** – DW, DM, P2, B2, T31, RE, BN, BS; 0-700 m; 1, 2; h; Beschovski 1966e, 2004a, 2009; Beschovski & Zatwarnicki 2002.

***Athyroglossa* (*Athyroglossa*) *nudiuscula* Loew, 1860** – P3, S1, T31, R2; 45-650 m; 1; swp; Zatwarnicki 1996; Beschovski & Zatwarnicki 2002; Beschovski 2009.

***Athyroglossa* (*Parathyroglossa*) *ordinata* Becker, 1896** [*Discocerina brevipectinata* (Becker, 1896)] – DW, O62, R2, RE, BN; 0-660 m; 1; wp; Beschovski 1966e, 2009; Beschovski & Zatwarnicki 2002.

***Chlorichaeta albipennis* (Loew, 1848)** [*Gymnopa*] – O62, BN, BS; 0-200 m; 1; pata; Caspers 1951a; Beschovski 1966e, 2009; Beschovski & Zatwarnicki 2002.

***Mosillus subsultans* (Fabricius, 1794)** – B2, V1, O5, O62, BN, BS; 0-750 m; 1, 2; wp; Beschovski 1966e, 2009; Beschovski & Zatwarnicki 2002.

***Ochthera mantis* (De Geer, 1776)** – V1, BN, BS; 0-600 m; 1; h; Nedelkov 2012; Beschovski 1964a, 2009; Beschovski & Zatwarnicki 2002.

***Ochthera schembrii* Rondani, 1847** [*O. setigera* Czerny, 1909] – BN, BS; 0-5 m; 1; wp; Beschovski 1966e, 2009; Beschovski & Zatwarnicki 2002.

***Allotrichoma bezzii* Becker, 1896** – BN, BS; 0-5 m; 1; ewca; Zatwarnicki 1991; Beschovski & Zatwarnicki 2002; Beschovski 2009.

***Allotrichoma bifidum* Papp, 1974** – DW, DM, O62, BN, BS; 0-150 m; 1; csee; Beschovski & Zatwarnicki 2002.

***Allotrichoma laterale* (Loew, 1860)** [*A. valkanovi* Beschovski, 1966] – DW, E2, B2, TK, K8, V1, S1, TL, T2, T31, O62, R2, BN, BS; 0-660 m; 1; h; Beschovski 1966b, 2009; Beschovski & Zatwarnicki 2002.

***Allotrichoma simplex* Loew, 1861** [*A. filiforme* Becker, 1896; *A. dahli* Beschovski, 1966] – DW, E2, P2, V1, TL, T31, O62, BN; 0-550 m; 1; ena, ? wp; Beschovski 1966d, 2009; Beschovski & Zatwarnicki 2002.

***Allotrichoma quadripectinatum* (Becker, 1903)** – O62, BS; 0-150 m; 1; atm; Beschovski & Zatwarnicki 2002; Beschovski 2009.

***Hecamede albicans* (Meigen, 1830)** – BN, BS; 0-5 m; 1; hat; Caspers 1951a, 1951b; Beschovski 1964a, 1964b, 1965, 2009; Beschovski & Zatwarnicki 2002.

***Glenanthe nigripes* Czerny, 1909** [*G. ripicola* (Haliday, 1839)] – BN, BS; 0-5 m; 1; se; Beschovski 1964a, 1964b, 1972a, 1973c, 1975a, 1975b, 1976a, 1996c, 2009; Beschovski & Zatwarnicki 2002.

***Glenanthe ripicola* (Haliday, 1839)** – BN; 0-5 m; 1; wcp; Beschovski & Zatwarnicki 2002; Beschovski 2009.

***Diclasiopa niveipennis* (Becker, 1896)** [*Discocerina obscurella* (Fallén, 1813)] – DW, P2, B2, V1, TL, T31, O62, RE, BN, BS; 0-1500 m; 1, 2, 3; wpat; Beschovski & Zatwarnicki 2002; Beschovski 2004a, 2009.

***Discocerina obscurella* (Fallén, 1813)** – DW, DM, E2, P2, B1, B2, V1, T31, O61, O62, R2, R5, RE, BN, BS; 0-800 m; 1, 2; hnat; Beschovski 1966e, 2004a, 2009; Beschovski & Zatwarnicki 2002.

***Diclasiopa lacteipennis* Loew, 1862** [*D. xanthocera* (Loew 1848)] – DW, DM, P2, B2, V1, T31, O62, RE, BN; 0-800 m; 1, 2; hat; Beschovski 1966e, 2004a, 2009; Beschovski & Zatwarnicki 2002.

***Ditrichophora calceata* (Meigen, 1830)** – E2, TL, T31, O5, R2, RW, BN; 0-1350 m; 1, 2, 3; ena; Beschovski & Zatwarnicki 2002; Beschovski 2006a, 2009.

***Ditrichophora canzonerii* (Rampini, 1980)** – T31; 150 m; 1; se; Beschovski & Zatwarnicki 2002; Beschovski 2009.

***Ditrichophora fuscella* (Stenhammar, 1844)** – DW, O62, R2, RE; 100-1250 m; 1, 2, 3; des; Beschovski & Zatwarnicki 2002; Beschovski 2004a, 2009.

***Ditrichophora graeca* (Canzoneri & Meneghini, 1985)** – DW; 100-120 m; 1; Eb; Beschovski & Zatwarnicki 2002; Beschovski 2009.

***Ditrichophora palliditarsis* (Becker, 1896)** – O62; 150-200 m; 1; des; Beschovski & Zatwarnicki 2002; Beschovski 2009.

***Gymnoclasiopa nigerrima* (Strobl, 1893)** [*Discocerina plumosa* Fallén, 1823] – O62, RW; 200-1450 m; 1, 2, 3, 4; ? wes; Beschovski 1966e, 2006a, 2009; Beschovski & Zatwarnicki 2002.

***Gymnoclasiopa pulchella* (Meigen, 1830)** – DW, K6, V1, TL, O62, RW, BN; 0-1200 m; 1, 2, 3; ena, ? h; Beschovski & Zatwarnicki 2002; Beschovski 2006a, 2009.

***Hecamedoides costatus* (Loew, 1860)** – BN, BS; 0-5 m; 1; wpat; Beschovski 1966e, 2009; Beschovski & Zatwarnicki 2002.

***Hecamedoides glaucellus* (Stenhammar, 1844)** – DW, RE, BN, BS; 0-230 m; 1; wpat; Beschovski 1966e, 2004a, 2009; Beschovski & Zatwarnicki 2002.

***Hecamedoides unispinosus* (Collin, 1943)** – DW, B1, V1, V4, T31, O62, R2, RE, BN; 0-1300 m; 1, 2, 3; hnat; Zatwarnicki 1996; Beschovski & Zatwarnicki 2002; Beschovski 2004a, 2009.

***Polytrichophora duplosetosa* (Becker, 1896)** – DW, P2, O62, BN, BS; 0-300 m; 1; wpat; Zatwarnicki 1996; Beschovski & Zatwarnicki 2002; Beschovski 2009.

***Ilythea spilota* Curtis, 1832** – B2, T31, O4, RE; 150-1500 m; 1, 2, 3; h; Beschovski & Zatwarnicki 2002; Beschovski 2004a, 2009.

***Nostima picta* (Fallén, 1813)** – DM, E2, P1, B2, B3, V4, S1, T2, T31, O61, O62, R1, R2, RW, RE, BN; 0-2400 m; 1, 2, 3, 4, 5; hn, ? h; Mathis & Zatwarnicki 1995; Beschovski & Zatwarnicki 2001b; Beschovski 2004a, 2006a, 2009.

***Philygria femorata* (Stenhammar, 1844)** – V4; 1000 m; 2; e; Hollmann-Schirrmacher 1998; Beschovski 2009.

***Philygria interstincta* (Fallén, 1813)** – DW, E2, B1, V4, RW; 100-1400 m; 1, 2, 3; e; Beschovski & Zatwarnicki 2001b; Beschovski 2006a, 2009.

***Philygria obtecta* Becker, 1896** – DW, DM, O62, RR, RW; 120-1000 m; 1, 2; et; Beschovski & Zatwarnicki 2001b; Beschovski 2006a, 2009.

***Philygria posticata* (Meigen, 1830)** – DW, DM, E2, P2, B2, V4, S1, R2, R5, RE; 100-1200 m; 1, 2, 3; des; Beschovski & Zatwarnicki 2001b; Beschovski 2004a, 2009.

***Philygria stictica* (Meigen, 1830)** – ♦; DW, DM, E2, P2, B2, V4, V5, S1, TL, T11, T2, T31, O5, O62, R1, R2, R3, R5, RE, BN, BS; 0-2400 m; 1, 2, 3, 4, 5; e; Beschovski 1997b, 2004a, 2009; Beschovski & Zatwarnicki 2001b.

***Philygria vittipennis* (Zetterstedt, 1838)** – E2, V4, S1, R2, R5, RW; 230-2400 m; 1, 2, 3, 4, 5; h; Beschovski & Zatwarnicki 2001b; Beschovski 2009.

***Hyadina guttata* (Fallén, 1813)** – DW, E1, E2, P1, B2, V1, V4, V5, S1, T2, O62, R1, R2, R5, RE, BN, BS; 0-2320 m; 1, 2, 3, 4, 5; tp; Beschovski 1975b, 2004a, 2009; Beschovski & Zatwarnicki 2001b.

***Hyadina rufipes* (Meigen, 1830)** – B2, O62; 200-1500 m; 1, 3; des; Beschovski & Zatwarnicki 2001b; Beschovski 2009.

***Hyadina scutellata* (Haliday, 1839)** – DW; 110-120 m; 1; e; Beschovski & Zatwarnicki 2001b; Beschovski 2009.

***Pelina aenea* (Fallén, 1813)** – B2, O62, BS; 0-1300 m ; 1, 2, 3; tp; Beschovski & Zatwarnicki 2001b; Beschovski 2009.

***Pelina similis* Papp, 1974** [*P. nitens* Loew, 1873; *P. subpunctata* Becker, 1896] – DM, V4, R4, RE, BN, BS; 0-1800 m; 1, 2, 3, 4; et; Beschovski 1966e, 1996c, 2004a, 2009; Zatwarnicki 1991; Mathis & Zatwarnicki 1995; Beschovski & Zatwarnicki 2001b.

***Parydra* (*Chaetoapnaea*) *fossarum* (Haliday, 1833)** [*Napaea*] – ♦; DW, DM, E2, P1, P2, B1, B2, B3, TK, V1, V4, S1, TL, T11, T2, T31, O4, O61, O62, R1, R2, RW, RE, BN, BS; 0-2000 m; 1, 2, 3, 4, 5; h; Nedelkov 1912; Beschovski 1972b, 1975b, 1996c, 2009; Beschovski & Zatwarnicki 2002.

***Parydra* (*Chaetoapnaea*) *hecate* (Haliday, 1833)** [*P. fossarum* (Haliday, 1833)] – P1, B2, V1, RW, BN; 0-1400 m; 1, 2, 3; ena; Nedelkov 1912; Beschovski & Zatwarnicki 2004; Beschovski 2006a, 2009.

***Parydra* (*Chaetoapnaea*) *obliterata* Duda, 1942** – DW, P1, K6, V4, BN; 0-1100 m; 1, 2, 3; e; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Parydra* (*Chaetoapnaea*) *pusilla* (Meigen, 1830)** – RW, BN; 0-1500 m; 1, 2, 3, 4; tes; Beschovski & Zatwarnicki 2004; Beschovski 2006a, 2009.

***Parydra* (*Parydra*) *aquila* (Fallén, 1813)** [*Napaea*] – DW, P1, P2, B1, B2, V1, V5, TL, BN, BS; 0-1000 m; 1, 2; h; Nedelkov 1912; Beschovski 1972b, 1975b, 1996c, 2009; Beschovski & Zatwarnicki 2004.

***Parydra* (*Parydra*) *coarctata* (Fallén, 1813)** [*P. litoralis* (Meigen 1830); *Napaea cognata* Loew, 1860] – DW, P1, B1, B2, B3, V1, V4, T11, T2, T31, O4, O5, O62, R1, R2, RW, RE, BN, BS; 0-2160 m; 1, 2, 3, 4, 5; tp, ? hop; Nedelkov 1912; Beschovski 1966e, 1976a, 1996c, 1997b, 2006a, 2009; Beschovski & Zatwarnicki 2004.

***Parydra* (*Parydra*) *cognata* Loew, 1860** [*P. aquila* (Fallén, 1813); *Napaea*] – DW, P2, B1, B2, V1, S1, TL, T31, O4, O61, O62, R1, R2, RW, RE, BN, BS; 0-2160 m; 1, 2, 3, 4, 5; ena, ? wp; Nedelkov 1912; Beschovski 1966e, 1976a, 1996c, 1997b, 2004a, 2006a, 2009; Beschovski & Zatwarnicki 2004.

***Parydra* (*Parydra*) *littoralis* (Meigen, 1830)** [*P. quadripunctata* (Meigen, 1830); *Napaea*] – DW, B2, V1, V4, V5, T31, R1, RW, RE; 100-2000 m; 1, 2, 3, 4; ena, ? wp; Nedelkov 1912; Krivosheina 1989a; Beschovski 1997b, 2006a, 2009; Beschovski & Zatwarnicki 2004.

***Ephydra afghanica* Dahl, 1961** – V1, RE, BS; 0-530 m; 1; emca; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Ephydra attica* Becker, 1896** [*E. macellaria* Egger, 1862] – RE, BN, BS; 0-220 m; 1; see, ? se; Wirth 1975; Mathis & Zatwarnicki 1995; Beschovski 1996c, 2009; Beschovski & Zatwarnicki 2004.

***Ephydra bivittata* Loew, 1860** – BN, BS; 0-5 m; 1; hom; Beschovski 1966e, 2009; Wirth 1975; Beschovski & Zatwarnicki 2004.

***Ephydra flavipes* (Macquart, 1843)** [*E. macellaria* Egger, 1862] – BS; 0-5 m; 1; swpat; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Ephydra glauca* Meigen, 1830** – RE, BN; 0-220 m; 1; wcp; Wirth 1975; Beschovski & Zatwarnicki 2004; Beschovski 2009.

? ***Ephydra macellaria* Egger, 1862** [according to Beschovski & Zatwarnicki (2004) not presented in Bulgaria; confused with *E. murina*, *E. flavipes*, *E. attica*)] – V1, BN, BS; 0-600 m; 1; ena, ? wp; Nedelkov 1912; Caspers 1951a, 1952, 1957; Valkanov 1957a; Beschovski 1964a, 1964b, 1966e, 1972c,1973c, 1973e, 1976a; Beschovski & Zatwarnicki 2004; Pape & Beuk 2017.

***Ephydra murina* Wirth, 1975** [*E. macellaria* Egger, 1862] – T31, BN, BS; 0-62 m; 1; eanit; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Ephydra riparia* Fallén, 1813** – T31, BN, BS; 0-65 m; 1; h; Drensky 1959, 1960; Beschovski 1964b, 1965, 1996c, 2009; Wirth 1975; Beschovski & Zatwarnicki 2004.

***Ephydra scholtzi* Becker, 1896** – T31; 60-65 m; 1; des; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Setacera breviventris* (Loew, 1860)** [*Ephydra micans* Haliday, 1833] – V1, TL, T31, RW, BN, BS; 0-1380 m; 1, 2, 3; ppta; Drensky 1942; Beschovski 1972b, 1973e, 1975a, 1996c, 2006a, 2009; Beschovski & Zatwarnicki 2004.

***Paracoenia fumosa* (Stenhammar, 1844)** [*Coenia*] – DW, V1, BN, BS; 0-550 m; 1; tp, ? hop; Becker 1926; Beschovski 1966e, 1973e, 1996c, 2009; Beschovski & Zatwarnicki 2004.

***Coenia palustris* (Fallén, 1823)** – DW, T31, BN, BS; 0-110 m; 1; wces, ? wcp; Beschovski 1966e, 1975b, 1976a, 1996c, 2009; Beschovski & Zatwarnicki 2004.

***Halmopota septentrionalis* Canzoneri & Meneghini, 1974** – RE; 80 m; 1; nmwca; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Philotelma defectum* (Haliday, 1833)** – BN; 0-5 m; 1; h; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Scatophila caviceps* (Stenhammar, 1844)** – DW, DM, E2, TK, V1, TL, O61, O62, R2, BN; 0-2500 m; 1, 2, 3, 4, 5, 6; hop; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Scatophila despecta* (Haliday, 1839)** – DM, K8, V1, R2, BN; 0-2500 m; 1, 2, 3, 4, 5, 6; h; Beschovski 1996c, 2009; Beschovski & Zatwarnicki 2004.

***Scatophila farinae* Becker, 1903** – DW, R2; 100-350 m; 1; sena; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Scatophila modesta* Becker, 1908** – TK; 620-630 m; 1; se; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Scatophila signata* (Loew, 1860)** – O62; 80-100 m; 1; e; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Scatophila unicornis* Czerny, 1900** – DW, B3, S1; 100-350 m; 1; h; Zatwarnicki 1996; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Limnellia quadrata* (Fallén, 1813)** – DW, B2, V1, V4, S1, S211, TL, O1, O62, R1, R2, R5, RW, RE; 70-2400 m; 1, 2, 3, 4, 5, 6; dp ? h; Beschovski & Zatwarnicki 2004; Beschovski 2006a, 2009.

***Lamproscatella bimaculata* Hendel, 1933** – R1, R2; 2000-2500 m; 4, 5, 6; h; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Lamproscatella sibilans* (Haliday, 1833)** [*Scatella pilosigenis* Becker, 1896] – DW, E1, B2, V1, V4, V5, S1, O1, O4, R1, R2, R5, RW, RE, BN, BS; 0-2300 m; 1, 2, 3, 4, 5, 6; ? h; Beschovski 1966e, 1975b, 1976a, 1996c, 1997b, 2006a, 2009; Beschovski & Zatwarnicki 2004.

***Lamproscatella unipunctata* (Becker, 1907)** – B2, TL, R1, R2, R5, RW, RE; 70-2560 m; 1, 2, 3, 4, 5, 6; mca; Beschovski & Zatwarnicki 2004; Beschovski 2006a, 2009.

***Haloscatella dichaeta* Loew, 1860** [*Lamproscatella*] – TK, V1, BN, BS; 0-650 m; 1; pat, ? hat; Beschovski 1964a, 1964b, 1975b, 1976a, 1996c, 2009; Beschovski & Zatwarnicki 2004.

***Scatella* (*Neoscatella*) *subguttata* (Meigen, 1830)** – DW, V1, T31, R1, BN, BS; 0-2000 m; 1, 2, 3, 4; ena, ? sk; Beschovski 1964a, 1964b, 1972b, 1973c, 1973e, 1975a, 1975b, 1976a, 1997b, 2009; Beschovski & Zatwarnicki 2004.

***Scatella* (*Scatella*) *ciliata* Collin, 1930** – BN, BS; 0-5 m; 1; sena, ? ena; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Scatella* (*Scatella*) *lutosa* (Haliday, 1833)** – BN, BS; 0-5 m; 1; wcp; Beschovski 1966e, 1972b, 1973c, 1973e, 1975b, 2009; Beschovski & Zatwarnicki 2004.

***Scatella* (*Scatella*) *obsoleta* Loew, 1861** – DW, T31, RE; 56-170 m; 1; h; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Scatella* (*Scatella*) *paludum* (Meigen, 1830)** – DW, P2, B2, TK, V1, V4, S1, T31, O1, R1, R3, RW, RE, BN, BS; 0-2000 m; 1, 2, 3, 4; hptn, ? sk; Beschovski 1972b, 1973c, 1973e, 1975a, 1975b, 1996c, 1997b, 2006a, 2009; Beschovski & Zatwarnicki 2004.

***Scatella* (*Scatella*) *rufipes* Strobl, 1905** – BS; 0-5 m; 1; mi; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Scatella* (*Scatella*) *stagnalis* (Fallén, 1813)** – O4, R1, R2, RW; 1000-2200 m; 3, 4; hpta, sk; Beschovski & Zatwarnicki 2004; Beschovski 2009.

***Scatella* (*Scatella*) *tenuicosta* Collin, 1930** – ♦; DW, DM, E1, E2, P1, B1, B2, B3, TK, K6, V1, V4, S1, TL, T2, T31, O4, O61, O62, R1, R2, R5, RW, RE, BN, BS; 0-2500 m; 1, 2, 3, 4, 5, 6; hat; Nedelkov 1912; Caspers 1951a; Beschovski 1964a, 1964b, 1972b, 1973c, 1973e, 1975a, 1975b, 1996a, 1996a, 1997a, 2006a, 2009; Beschovski & Zatwarnicki 2004.

Calyptrata

Hippoboscidae

***Ornithoica turdi* (Olivier in Latreille, 1811)** – B3, S1; 500-550 m; 1; swpat; Beron 1972a.

***Ornithomya avicularia* (Linnaeus, 1758)** – P1, P2, B1, B3, S1, TL, O62, R2, RW, BS; 0-2340 m; 1, 2, 3, 4, 5; ppt; Nedelkov 1912; Drensky 1926b; Beron 1972a, 2002, 2011.

***Ornithomya fringillina* Curtis, 1836** – S1; 500-550 m; 1; hn; Beron 1972a.

***Crataerina pallida* (Olivier in Latreille, 1811)** [*Oxypterum*] – RW; 770 m; 2; ena; Drensky 1926b; Beron 1972a, 2011.

***Stenepteryx hirundinis* (Linnaeus, 1758)** – V1; 550-600 m; 1; po; Nedelkov 1912; Drensky 1926b; Beron 1972a.

***Icosta ardeae* (Macquart, 1835)** [*Lynchia albipennis* (Say, 1823); *Olfersia*] – P2, V1; 390-650 m; 1; hpta; Drensky 1926b; Buresch 1939; Beron 1972a.

***Pseudolynchia canariensis* (Macquart in Webb & Berthelot, 1839)** [*P. rufipes* (Macquart, 1847)] – TL; 80-85 m; 1; k; Beron 1972a.

***Hippobosca equina* Linnaeus, 1758** – ▲; ♦; P2, B2, BS; 0-2376 m; 1, 2, 3, 4, 5; ppta; Joakimoff 1899; Nedelkov 1912; Drensky 1926b, 1934c; Chalupský 1956; Valerianov 1961; Beron 1972a, 2011.

***Hippobosca longipennis* Fabricius, 1805** [*H. equina canina* Drensky 1926] – V1, R1, RW; 570-1300 m; 1, 2, 3; hpt; Drensky 1926b; Buresch 1939; Beron 1972a, 2011.

***Lipoptena cervi* (Linnaeus, 1758)** – ▲; S1, TL, BS, T31, +++; 30-260 m; 1; pat, hat, i; Drensky 1926a, 1926b; Beron 1972a.

***Lipoptena fortisetosa* Maa, 1965** – S23, +++; 306 m; 1; dp; Dvořák et al. 2021.

***Melophagus ovinus* (Linnaeus, 1758)** [? *M. caprae* Drensky, 1939] – ▲; ♦; B1, V1, S21, R2, R3, RW; 380-1810 m; 1, 2, 3, 4; k, i; Nedelkov 1909, 1912; Drensky 1926b; Beron 1972a, 2011.

Streblidae

***Brachytarsina flavipennis* Macquart, 1851** – K8, RE; 400-1000 m; 1, 2; swp; Ivanova et al. 1995; Beron et al. 2004; Beron 2004, 2015.

Nycteribiidae

***Nycteribia* (*Nycteribia*) *latreillii* (Leach, 1817)** [*Listropodia*] – E2, B3, V1, RW, BS; 0-1000 m; 1, 2; wpo; Karamann 1939; Kantardzhieva-Minkova 1957; Hůrka 1958; Buresch 1960; Kock 1974; Nowosad et al. 1987; Beron 1994, 2004, 2011, 2015; Beron et al. 2011.

***Nycteribia* (*Nycteribia*) *pedicularia* Latreille, 1805** – RW, BS; 0-950 m; 1, 2; swp; Hůrka 1958, 1972; Buresch 1960; Kock 1974; Nowosad et al. 1987; Beron 1994, 2004, 2011, 2015; Beron et al. 2011.

***Nycteribia* (*Nycteribia*) *schmidlii* Schiner, 1853** – E2, B1, B3, T31, RW, RE, BS; 0-1100 m; 1, 2, 3; wpat; Hůrka 1958, 1962, 1972; Buresch 1960; Guéorguiev & Beron 1962; Beron & Guéorguiev 1967; Skuratowicz 1970; Kock 1974; Nowosad et al. 1987; Beron 1994, 2011, 2015, 2016; Beron et al. 2004, 2011.

***Nycteribia* (*Acrocholidia*) *vexata* Westwood, 1835** – E1, B1, B3, T31, RW, RE, BS; 0-1050 m; 1, 2, 3; wp; Karamann 1939; Kantardzhieva-Minkova 1957; Hůrka 1958, 1972, 1984; Buresch 1960; Guéorguiev & Beron 1962; Beron & Guéorguiev 1967; Kock 1974; Nowosad et al. 1987; Beron 1994, 2004, 2015, 2016; Beron et al. 2004, 2011.

***Phthiridium biarticulatum* Hermann, 1804** [*Celeripes*, *Stylidia*] – B1, B3, S21, RW, RE, BS; 0-900 m; 1, 2; wp; Karamann 1939; Kantardzhieva-Minkova 1957; Hůrka 1958, 1962, 1984; Buresch 1960; Guéorguiev & Beron 1962; Nowosad et al. 1987; Beron 1994, 2004, 2011, 2015, 2016; Beron et al. 2004, 2011.

***Penicillidia conspicua* Speiser, 1901** [*Neopenicillidia*] – E1, B1, B3, T31, RW, RE, BS; 0-1100 m; 1, 2, 3; om; Hůrka 1958, 1962; Buresch 1960; Guéorguiev & Beron 1962; Beron & Guéorguiev 1967; Skuratowicz 1970; Nowosad et al. 1987; Beron 1994, 2004, 2011, 2015, 2016; Beron et al. 2004, 2011.

***Penicillidia dufourii* (Westwood, 1835)** – P1, P2, B1, B3, S21, RW, RE, BS; 0-1100 m; 1, 2, 3; po; Karamann 1939; Kantardzhieva-Minkova 1957; Hůrka 1958; Buresch 1960; Guéorguiev & Beron 1962; Beron & Guéorguiev 1967; Hazelton 1970; Nowosad et al. 1987; Beron 1994, 2004, 2011, 2015, 2016; Beron et al. 2004, 2011.

Scathophagidae (Cordyluridae, Scatomyzidae, Scopeumatidae)

***Norellisoma armipes* (Meigen, 1826)** [*Norellia*] – R1; 2700 m; 6; e; Nedelkov 1912.

***Norellisoma* seguyi Šifner, 1972** – R1; 1200 m; 3; csee; Šifner 2018.

***Norellisoma spinimanum* (Fallén, 1819)** [*Norellia*] – V1; 600 m; 1; h; Nedelkov 1912.

***Cordilura* (*Cordilurina*) *albipes* Fallen, 1819** [*Parallelomma*] – V1; 600 m; 1; e; Nedelkov 1912.

***Nanna flavipes* (Fallén, 1819)** [*Amaurosoma*] – ♠; wces; Lyubenov 1958.

***Phrosia albilabris* (Fabricius, 1805)** – V1, V4, TL; 200-800 m; 1, 2; e; Nedelkov 1912.

***Scathophaga furcata* (Say, 1823)** [*Scopeuma*] – B1; 1400 m; 3; h; Lavčiev 1965b.

***Scathophaga inquinata* Meigen, 1826** [*Scopeuma*] – B1; 1270 m; 3; e; Lavčiev 1965b.

***Scathophaga lutaria* (Fabricius, 1794)** [*Scopeuma*] – B1; 1270 m; 3; wp; Lavčiev 1965b.

***Scathophaga stercoraria* (Linnaeus, 1758)** [*Scopeuma*] – E2, SB, V1, V4, S22, TL, R1, R3, BN, BS; 0-2100 m; 1, 2, 3, 4; hat, ? hnat; Löw 1862; Meunier 1897; Joakimoff 1899; Kovachev 1905; Nedelkov 1909, 1912; Drenowsky 1936; Drensky 1955, 1960; Valerianov 1961; Lavčiev 1965a, 1965d, 1980; Lavchiev & Jovčev 1978; Lavchiev & Tsankova 1980; Lavchiev et al. 1984.

***Scathophaga suilla* (Fabricius, 1794)** [*S. taeniopa* Rondani, 1867; *Scopeuma*] – B1; 860-880 m; 2; hat; Lavčiev 1965b.

Anthomyiidae

***Adia cinerella* (Fallén, 1825)** [*Paregle*] – ♦; ho; Lavchiev & Jovčev 1978; Lavčiev 1980.

***Paregle coerulescens* (Strobl, 1893)** [*Adia*] – P1, B1, V4, RW, BS; 0-1700 m; 1, 2, 3, 4; cse; Lavčiev 1965b; Beschovski 2006a.

***Anthomyia pluvialis* (Linnaeus, 1758)** – ▲; ♦; E2, B1, V1, V3, V4, S1, RW, BS; 0-1300 m; 1, 2, 3; hoa, poa; Löw 1863; Meunier 1897; Nedelkov 1912; Gregor & Povolny 1959; Drensky 1960; Lavčiev 1965a, 1965d, 1972, 1980; Lavchiev & Jovčev 1978; Beschovski 2006a.

***Botanophila discreta* (Meigen, 1826)** [*Chortophila*] – V1; 550-600 m; 1, 2; tp; Nedelkov 1912.

***Botanophila striolata* (Fallén, 1824)** [*Chortophila*] – V1; 550-600 m; 1, 2; tes, ? tp; Nedelkov 1912.

***Calythea nigricans* (Robineau-Desvoidy, 1830)** [*C. albicincta* (Fallén, 1825)] – V1, V4, RW; 550-1200 m; 1, 2, 3; wcp; Nedelkov 1912; Lavčiev 1972; Lavchiev & Jovčev 1978; Beschovski 2006a.

***Calythea pratincola* (Panzer, 1809)** – B1; 450 m; 1; h; Lavčiev 1965b.

***Chirosia cinerosa* (Zetterstedt, 1845)** [*Pycnoglossa*] – ♠; dp; Buhr 1941.

***Delia albula* (Fallén, 1825)** [*Chortophila*, *Crinura*] – BS; 0-5 m; 1; h; Lavčiev 1965b.

***Delia antiqua* (Meigen, 1826)** [*Anthomyia ceparum* (Meigen, 1830), *Chortophila*, *Crinura*, *Hylemyia*] – ▪; ♦; DW, DM, E1, P1, P2, K9, V1, S1, TL, T1, O62, RR, RW; 0-1100 m; 1, 2, 3; hn, ? k, i; Stribarni 1898; Malkov 1906a, 1907; Nedelkov 1912; Kozarov 1912; Ipatov 1921; Tschorbadjiew 1927, 1928a, 1928b, 1929a, 1929b, 1930a, 1930b, 1932; Lazarov 1936b; Buresch & Lazarov 1956; Popoff 1956; Popoff & Nikolova 1958; Kovachevski et al. 1959; Gospodinov 1958; Grigorov 1972, 1976; Harizanov et al. 1996; Beschovski 2006a.

***Delia cardui* (Meigen, 1826)** [*Chortophila*] – B1, V4, RW; 600-1400 m; 2, 3; h; Lavčiev 1965b; Beschovski 2006a.

***Delia coarctata* (Fallén, 1825)** [*Leptohylemya*, *Hylemyia*] – V1; 520-600 m; 1; h; Hitilov 1912b; Drenowsky 1920b; Buresch & Lazarov 1956; Lyubenov 1958; Krasteva & Beschovski 2001.

***Delia floralis* (Fallen, 1824)** [*Chortophila*, *Hylemyia*] – ▪; ♦; h; Popoff & Nikolova 1958; Grigorov 1972.

***Delia florilega* (Zetterstedt, 1845)** [*Chortophila trichodactyla* (Rondani, 1866); *Crinura*] – V1, V4, RW, BS; 0-2000 m; 1, 2, 3, 4; h; Nedelkov 1912; Drenowsky & Enderlein 1923; Popoff & Nikolova 1958; Kovachevski et al. 1959; Nikolova 1964; Lavčiev 1965b; Beschovski 2006a.

***Delia lineariventris* (Zetterstedt, 1845)** [*Chortophila bicalcarea* (Pandellé, 1900)] – P1, B1; 500-550 m; 1; h; Lavčiev 1965b.

***Delia platura* (Meigen, 1826)** [*Phorbia*; *Chortophila cilicrura* Rondani, 1866] – DW; 120 m; 1; k; Zamfirov 1960b, 1961a; Nachev 1976.

***Delia radicum* (Linnaeus, 1758)** [*Chortophila brassicae* Wiedemann, 1817; *Anthomyia brassicae* Bouché, 1833; *Hylemyia*; *Paregle*] – ▪; ♦; P2, V1, S1, S21, S22, TL, O61, O62, R1, R2, RW; 100-1800 m; 1, 2, 3, 4; h; Meunier 1897; Malkov 1903; Grigoriev 1922; Tschorbadjiew 1926a, 1926b, 1927, 1928a, 1928b, 1929a, 1929b, 1930a, 1930b, 1932; Vasilev 1934; Gomon 1940; Nikolova 1945, 1948, 1949b; Buresch & Lazarov 1956; Popoff 1956; Nikolova & Popoff 1957; Popoff & Nikolova 1958; Gregor & Povolny 1959; Kovachevski et al. 1959; Gospodinov 1958; Grigorov 1972, 1976; Harizanov et al. 1996.

***Egle ciliata* (Walker, 1849)** [*E. muscaria* Malloch 1920] – P1, B1, RW; 400-2000 m; 1, 2, 3, 4; h; Lavčiev 1965b; Beschovski 2006a.

***Egle concomitans* (Pandellé, 1900)** – B1; 600 m; 1, 2; h; Lavčiev 1965b.

***Egle parva* Robineau-Desvoidy, 1830** – P1, B1, V4, T31, O61, R1, RW; 200-1700 m; 1, 2, 3, 4; des; Lavčiev 1965b; Lavčiev et al. 1984; Beschovski 2006a.

***Emmesomyia socia* (Fallén, 1825)** [*Pegomya*] – P1; 450 m; 1; h; Lavčiev 1965b.

***Eustalomyia hilaris* (Fallén, 1823)** – B1, V1; 550-1060 m; 1, 2, 3; tp; Nedelkov 1912; Georgiev et al. 2004.

***Eustalomyia histrio* (Zetterstedt, 1838)** – B1, RW; 1100-1900 m; 3, 4; des; Lavčiev 1965b; Beschovski 2006a.

***Fucellia maritima* (Haliday, 1838)** – BN, BS; 0-5 m; 1; ena; Caspers 1951a, 1951b; Beschovski 1964a, 1965.

***Fucellia tergina* (Zetterstedt, 1845)** – ♠; sk; Dely-Draskovits 1993; Beuk et al. 2017.

***Heterostylodes macrura* (Schnabl in Schnabl & Dziedzicki, 1911)** – B1; 1200-1900 m; 3, 4; e; Lavčiev 1965b.

***Heterostylodes pratensis* (Meigen, 1826)** – B1, RE; 200-1900 m; 1, 2, 3, 4; wces; Lavčiev 1965b; Beschovski 2004a.

***Hydrophoria lancifer* (Harris, 1780)** [*H. conica* (Wiedemann, 1817)] – V4; 870-880 m; 2; h; Nedelkov 1912.

***Hydrophoria linogrisea* (Meigen, 1826)** – B1, V4; 1300-1900 m; 3, 4; des; Lavčiev 1965b.

***Hylemya nigrimana* (Meigen, 1826)** – V1; 600 m; 1; po, ? dp; Nedelkov 1912.

***Hylemya urbica* Van der Wulp, 1896** [*H. latifrons* (Schnabl, 1911)] – ♠; ho; Dely-Draskovits 1993; Beuk et al. 2017.

***Hylemya vagans* (Panzer, 1798)** [*H. strigosa* (Fabricius, 1794)] – ♦; V1, R1, RR, RW; 550-1500 m; 1, 2, 3; wcp; Nedelkov 1912; Lavčiev 1965a, 1972, 1980; Lavchiev & Jovčev 1978; Lavčiev et al. 1984; Beschovski 2006a.

***Hylemya variata* (Fallén, 1823)** – V1, V4; 530-1000 m; 1, 2; wes; Nedelkov 1912; Drenowsky & Enderlein 1923.

***Lasiomma picipes* (Meigen, 1826)** [*L. octoguttata* (Zetterstedt, 1845)] – P1, B1, RW; 400-2000 m; 1, 2, 3, 4; h; Lavčiev 1965b; Beschovski 2006a.

***Lasiomma strigilatum* (Zetterstedt, 1838)** [*Opsolasia eriophthalma* (Zetterstedt, 1860)] – B1; 850 m; 2; des; Lavčiev 1965b.

***Leucophora grisella* Hennig, 1967** [*Hammomyia*] – B1, RW; 800-1550 m; 2, 3, 4; tp; Lavčiev 1965b; Beschovski 2006a.

***Eutrichota schineri* (Schnabl, 1910)** [*Pegomya*, *Parapegomyia*] – RE; 280 m; 1; des; Lavčiev 1965b; Beschovski 2004a.

***Paregle vetula* (Zetterstedt, 1838)** – ♠; dp, ? des; Dely-Draskovits 1993; Beuk et al. 2017.

***Pegomya bicolor* (Wiedemann, 1817)** – V1; 550-600 m; 1, 2; h; Nedelkov 1912.

? *Pegomya conformis* (Fallén, 1825) – E1, E2, S1, TL; 150-450 m; 1; h; Kozarov 1907; Tschorbadjiew 1939a; Buresch & Lazarov 1956.

***Pegomya flavifrons* (Walker, 1849)** [*P. albimargo* Pandellé, 1901] – ♠; h; Buchr 1941.

***Pegomya hyoscyami* (Panzer, 1809)** [*Anthomyia conformis* (Fallén, 1825); *P. hyoscyami chenopodii* (Rondani, 1866); *P. silenis* (Hering, 1924)] – ▪; ♦; E1, E2, S1, TL; 150-450 m; 1; h; Kozarov 1907; Tschorbadjiew 1932, 1939a; Buchr 1941; Buresch & Lazarov 1956; Popoff 1956; Popoff & Nikolova 1958; Kovachevski et al. 1959; Gospodinov 1958; Grigorov 1972, 1976; Harizanov et al. 1996.

***Pegomya nigrisquama* (Stein, 1888)** – ♠; e; Buchr 1941.

***Pegomya setaria* (Meigen, 1826)** – B1, RW; 410-1900 m; 1, 2, 3, 4; h; Lavčiev 1965b; Beschovski 2006a.

***Pegomya testacea* (De Geer, 1776)** [*P. silacea* (Meigen, 1830)] – B1; 850 m; 2; ena; Lavčiev 1965b.

***Pegomya solennis* (Meigen, 1826)** [*P. nigritarsis* (Zetterstedt, 1838)] – V1; 550-600 m; 1; h; Nedelkov 1912.

***Pegomya steini* Hendel, 1925** – R1; 1180-1200 m; 3; e; Buchr 1941.

***Pegomya ulmaria* (Rondani, 1866)** – B1; 900-1900 m; 2, 3, 4; wp; Lavčiev 1965b.

***Pegoplata aestiva* (Meigen, 1826)** [*Paregle*] – B1, RW, BS; 0-1400 m; 1, 2, 3; ho; Lavčiev 1965b; Beschovski 2006a.

***Phorbia fumigata* (Meigen, 1826)** [*Ph. securis* Tiensuu, 1936] – ▪; ♦; DW, DM, E2, V1, S1, T1; 50-550 m; 1; wp; Zamfirov 1961a, 1962a, 1962c, 1962f, 1962a, 1963b, 1963d, 1963e; Grigorov 1972; Kontev et al. 1991; Beschovski & Krusteva 2001.

***Phorbia genitalis* (Schnabl in Schnabl & Dziedzicki, 1911)** – ♦; DW, DM, E1, E2, P1, P2, V1, TL,T2; 30-600 m; 1; h; Popoff 1956; Zamfirov 1958, 1960b, 1962f; Kovachevski et al. 1959; Makarov 1959; Lyubenov 1960; Donchev 1961.

***Phorbia haberlandti* (Schiner, 1865)** [*Ph. pecillifera* Jermy, 1853] – ▪; ♦; DW, DM, E2, P1, V1, S1, T1; 50-550 m; 1; e, ? csee; Zamfirov 1960b, 1961a, 1962c, 1962f, 1963b, 1963d, 1963e; Grigorov 1972; Kontev et al. 1991; Beschovski & Krusteva 2001; Krasteva & Beschovski 2001.

***Subhylemyia longula* (Fallén, 1824)** [*Chortophila*] – RW; 1200-1400 m; 3; ho; Lavčiev 1965b; Beschovski 2006a.

Fanniidae

***Euryomma peregrinum* (Meigen, 1826)** – RE; 300 m; 1; k; Lavčiev 2003.

***Piezura graminicola* (Zetterstedt, 1846)** [*P. boletorum* (Rondani, 1866)] – RE; 500 m; 1; h; Lavčiev 2003.

***Fannia armata* (Meigen, 1826)** – E2, P1, P2, B1, TL; 200-1000 m; 1, 2; e; Lavčiev 1965b, 1966, 1970a, 1974, 1980, 2003; Lavčiev & Karastoyanov 1970; Mirčeva 1981.

***Fannia barbata* (Stein, 1892)** – P1, B1, B3, RR; 0-800 m; 1, 2; tes, ? tp; Lavčiev 1970a, 1974, 2003.

***Fannia canicularis* (Linnaeus, 1761)** – ▲; ♦; DW, E1, E2, P1, B1, K8, V1, S211, TL, O61, O62, R1, R2, R5, RW, RE, BN, BS; 0-2300 m; 1, 2, 3, 4, 5; k; trogloxene; Löw 1862; Kozarov 1912; Nedelkov 1912; Czerný 1930; Popoff 1941; Drensky 1955, 1960; Vesselinov & Gabev 1956; Gregor & Povolny 1959; Valerianov 1961; Guéorguiev & Beron 1962; Lavčiev 1964a, 1964b, 1965a, 1965d, 1969, 1970a, 1974, 1980, 2003; Surbova 1965; Beron & Guéorguiev 1967; Lavčiev & Nestorova 1967; Tahirov 1969, 1970, 1973; Tsanev 1969; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1970; Stoicheva 1970; Beschovski & Lăvčiev 1971; Lavčiev & Lateva 1973, 1976; Lavčiev et al. 1974, 1992; Mirčeva 1974, 1977, 1979, 1981; Lavčiev & Jovčev 1978; Lavčiev & Mirčeva 1980; Lavčiev & Tsankova 1980, 1982; Lavčiev & Zhekov 1980; Beron 1994, 2015; Kirin & Buchvarov 1999.

***Fannia difficilis* (Stein, 1895)** – B1; 450-620 m; 1; h; Lâvčiev 1970a, 2003.

***Fannia fuscula* (Fallén, 1825)** – B1, B2, R4; 560-1350 m; 1, 2, 3; ho; Lavčiev 1966, 1974, 2003.

***Fannia genualis* (Stein, 1895)** – B1, RW; 1100-1300 m; 3; h; trogloxene; Beron & Guéorguiev 1967; Beron 1994, 2015.

***Fannia incisurata* (Zetterstedt, 1838)** – ▲; ♦; E2, B1, B2, B3, V1, TL, O61, O62, R2, BN, BS; 0-2000 m; 1, 2, 3, 4; hn; Nedelkov 1912; Szilády 1934; Gregor & Povolny 1959; Drensky 1960; Lavčiev 1964a, 1965c, 1965a, 1965d, 1969, 1970a, 1974, 1980, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Stoicheva 1970; Beschovski & Lăvčiev 1971; Smilova 1971; Lavčiev & Lateva 1973, 1976, 1977; Lavčiev et al. 1973, 1974, 1981, 1992; Tahirov 1973; Mirčeva 1977, 1981; Lavčiev & Jovčev 1978; Lavčiev & Mirčeva 1980; Lavčiev & Zhekov 1980; Lavčiev & Tsankova 1982.

***Fannia latipalpis* (Stein, 1892)** – B1, B2; 400-1500 m; 1, 2, 3; e; Lavčiev 1970a, 1974, 2003.

***Fannia lepida* (Wiedemann, 1817)** [*F. mutica* (Zetterstedt, 1845)] – P1, P2, B1, R2; 500-2000 m; 1, 2, 3, 4; ho; Gregor & Povolny 1959; Lavčiev 1965c, 1970a, 1974, 1980, 2003; Lavčiev & Tahirov 1970.

***Fannia lucidula* (Zetterstedt, 1860)** [*F. glaucescens* Zetterstedt, 1845] – DW, B1, B2, RW; 200-1300 m; 1, 2, 3; h; trogloxene; Beron & Guéorguiev 1967; Lavčiev 1970a, 1974, 2003; Beron 1994, 2015.

***Fannia leucosticta* (Meigen, 1838)** – E1, E2, P1, B1, B3, O62, BS; 0-600 m; 1; hpta, ? sk; Lavčiev 1965b, 1969, 1970a, 1974, 1980, 2003; Lavčiev & Tahirov 1970; Lavčiev & Tsankova 1980; Lavčiev & Zhekov 1980; Lavčiev et al. 1981; Mirčeva 1981.

***Fannia lineata* (Stein, 1895)** – BS; 0-10 m; 1; e; Lavčiev 1965d, 1969, 1974, 2003; Lavčiev & Karastoyanov 1970; Lavčiev et al. 1974.

***Fannia manicata* (Meigen, 1826)** [*F. armillata* (Zetterstedt, 1837); *Amaurosoma*] – B1, B3, V1, R2; 200-2000 m; 1, 2, 3, 4; ho; Nedelkov 1912; Lyubenov 1958; Gregor & Povolny 1959; Lavčiev 1967, 1970a, 1974, 1980, 2003; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1970; Mirčeva 1981.

***Fannia metallipennis* (Zetterstedt, 1838)** [*F. kowarzi* Verral, 1892] – P1, B1, B3; 300-800 m; 1, 2; h; Lavčiev 1965b, 1970a, 1974, 2003.

***Fannia minutipalpis* (Stein, 1895)** – B3, BN; 180-1070 m; 1, 2, 3; ho; Lavčiev 1974, 2003.

***Fannia monilis* (Haliday, 1838)** – P2, B1, R2, BS; 0-1810 m; 1, 2, 3, 4; wcp; Gregor & Povolny 1959; Lavčiev 1969, 1970a, 1974, 2003.

***Fannia pallitibia* (Rondani, 1866)** – B2, R4; 400-1180 m; 1, 2, 3; e; Lavčiev 1966, 1970a, 2003.

Fannia *parva* (Stein, 1895) – BS; 0-10 m; 1; wes; Lavčiev 1969, 2003; Lavčiev & Karastoyanov 1970.

***Fannia polychaeta* (Stein, 1895)** – B1, BS; 0-1500 m; 1, 2, 3; e; Lavčiev 1969, 1970a, 2003.

***Fannia postica* (Stein, 1895)** – B1; 850-1500 m; 2, 3; h; Lavčiev 1965b, 1970a, 2003.

***Fannia rondanii* (Strobl, 1893)** – B1, B2; 750-2000 m; 2, 3, 4; h; Lavčiev 1965c, 1967, 1970a, 1974, 2003.

***Fannia scalaris* (Fabricius, 1794)** – ▲; ♦; DW, E1, E2, B1, B3, K8, K9, V1, V4, TL, O61, O62, R1, R2, R5, RW, RE, BN, BS; 0-2700 m; 1, 2, 3, 4, 5, 6; k; trogloxene; Nedelkov 1912; Vesselinov & Gabev 1956; Gregor & Povolny 1959; Drensky 1960; Lavčiev 1964a, 1965a, 1965d, 1969, 1970a, 1974, 1980, 2003; Surbova 1965; Beron & Guéorguiev 1967; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1970; Beschovski & Lăvčiev 1971; Lavčiev & Lateva 1973, 1976, 1977; Lavčiev et al. 1974, 1981, 1983, 1984; Lavchiev & Jovčev 1978; Mirčeva 1979, 1981; Lavčiev & Mirčeva 1980; Lavčiev & Zhekov 1980; Beron 1994, 2015; Kirin & Buchvarov 1999.

***Fannia serena* (Fallén, 1825)** – P1, P2, B1, B2; 200-1800 m; 1, 2, 3, 4; h; Lavčiev 1965b, 1965c, 1967, 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Mirčeva 1974, 1981.

***Fannia sociella* (Zetterstedt, 1845)** – B2; 1240 m; 3; h; Lavčiev & Karastoyanov 1970; Lavčiev 2003.

***Fannia tuberculata* (Zetterstedt, 1849)** – B2; 1240 m; 3; h; Lavčiev 1974, 2003.

Muscidae

***Achanthiptera rohrelliformis* (Robineau-Desvoidy, 1830)** – V1; 550-600 m; 1; dp, ? tp; Zielke 2018b, 2019a.

***Muscina levida* (Harris, 1780)** [*M. assimilis* (Fallén, 1823)] – ▲; DW, E1, E2, P1, B1, B2, K8, K9, V1, V4, S1, S211, TL, T31, O61, O62, R1, R2, R5, RW, RE, BN, BS; 0-2500 m; 1, 2, 3, 4, 5, 6; h; Szilády 1934; Vesselinov & Gabev 1956; Gregor & Povolny 1959; Lavčiev 1964a, 1965a, 1965d, 1969, 1970a, 1972, 1974, 1980, 2003; Lavčiev & Nestorova 1967; Lavčiev & Tahirov 1970; Beschovski & Lăvčiev 1971; Lavčiev & Lateva 1973; Lavčiev et al. 1973, 1974, 1981, 1984; Lavčiev & Jovčev 1978; Lavčiev & Mirčeva 1980; Lavčiev & Zhekov 1980; Mirčeva 1981; Zielke 2019a.

***Muscina pascuorum* (Meigen, 1826)** – E2, B1, B2, V1, TL, R2, RW; 200-1990 m; 1, 2, 3, 4; ho; Nedelkov 1912; Lavčiev 1970a, 2003; Mirčeva 1974, 1981; Zielke 2019a.

***Muscina prolapsa* (Harris, 1780)** [*M. pabulorum* (Fallén, 1817)] – ♦; E2, P1, P3, B1, B3, V1, S1, T31, O61, O62, RW, RE, BN, BS; 0-1600 m; 1, 2, 3, 4; h, ? hat; Nedelkov 1912; Gregor & Povolny 1959; Lavčiev 1964a, 1965d, 1968, 1970a, 1974, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1970; Mirčeva 1974, 1981; Lavčiev & Zhekov 1980; Zielke 2019a.

***Muscina stabulans* (Fallén, 1817)** – ▲; ♦; DW, E1, E2, P1, P2, B1, B2, K8, K9, V1, V3, V4, S1, TL, T11, O61, O62, R1, R2, R5, RW, RE, BN, BS; 0-2500 m; 1, 2, 3, 4, 5, 6; k; Nedelkov 1912; Szilády 1934; Popoff 1941; Drensky 1955, 1960; Vesselinov & Gabev 1956; Gregor & Povolny 1959; Valerianov 1961; Lavčiev 1964a, 1965a, 1965d, 1969, 1970a, 1974, 1980, 2003; Surbova 1965; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1970; Stoicheva 1970; Beschovski & Lăvčiev 1971; Lavčiev & Lateva 1973; Lavčiev et al. 1973, 1974, 1981, 1984; Mirčeva 1974, 1977, 1979, 1981; Lavčiev & Jovčev 1978; Lavčiev & Mirčeva 1980; Lavčiev & Zhekov 1980; Kirin & Buchvarov 1999; Zielke 2019a.

***Azelia aterrima* (Meigen, 1826)** – S23; 350-450 m; 1; eca; Lavčiev & Karastoyanov 1970; Lavchiev 2003; Zielke 2019a.

***Azelia cilipes* (Haliday, 1838)** – E1, B1, V1, RW, BS; 0-1100 m; 1, 2, 3; h; Nedelkov 1912; Lăvčiev 2003; Beschovski 2006a; Zielke 2019a.

***Azelia gibbera* (Meigen, 1826)** – ♠; h; Pont 1986, 2017; Zielke 2019a.

***Azelia monodactyla* Loew, 1874** – ♠; e, ? dp; Pont 2017; Zielke 2019a.

***Azelia nebulosa* Robineau-Desvoidy, 1830** – E1, P2, B1, V4, R2; 400-1300 m; 1, 2, 3; e; Zielke 2019a.

***Azelia triquetra* (Wiedemann, 1817)** – B1, V1, V4, S23; 500-1400 m; 1, 2, 3; h; Lăvčiev 1964b, 2003; Lavčiev & Karastoyanov 1970; Zielke 2019a.

***Thricops aculeipes* (Zetterstedt, 1838)** – V4, R1, R2; 1200-2400 m; 3, 4, 5; wes, bm; Kozuharova 1994; Lavčiev 2003; Kozuharova et al. 2005; Zielke 2019a.

***Thricops beckeri* (Pokorny, 1892)** – R1; 1300-2400 m; 3, 4, 5; e; Zielke 2019a.

***Thricops bukowskii* (Ringdahl, 1934)** – B1, B2; 800-1200 m; 2, 3; seeani; Lavčiev 1970a, 1974, 2003; Zielke 2019a.

***Thricops culminum* (Pokorny, 1889)** – ♠; e, ? cse; Pont 2017; Zielke 2019a.

***Thricops cunctans* (Meigen, 1826)** [*T. hirsutula* (Zetterstedt, 1837); *Rhynchotrichops subrostratus* (Zetterstedt, 1845)] – P2, B2, V1, V4, T31, R1, R2, RW, RE; 70-2150 m; 1, 2, 3, 4; hoes, ? tp; Lavčiev 1964b, 1974, 2003; Kozuharova 1994; Kozuharova et al. 2005; Beschovski 2006a; Zielke 2019a.

***Thricops diaphanus* (Wiedemann, 1817)** – R1; 1350 m; 3, 4; ho; Zielke 2019a.

***Thricops furcatus* (Stein, 1916)** [*Alloeostylus*] – R2; 1200 m; 3; h, ? bm; Lavčiev & Karastoyanov 1970; Lavčiev 2003; Zielke 2019a.

***Thricops genarum* (Zetterstedt, 1838)** [*Alloeostylus sundewalli* (Zetterstedt, 1845)] – V4, R2, RW; 1230-1850 m; 3, 4; des, ? wces; Lavčiev 1965c, 2003; Lavčiev & Karastoyanov 1970; Beschovski 2006a; Zielke 2019a.

***Thricops innocuus* (Zetterstedt, 1838)** – B1, V4, RW; 620-1800 m; 2, 3, 4; h, ? bm; Lavčiev 1970a, 2003; Zielke 2019a.

***Thricops longipes* (Zetterstedt, 1845)** – V4, R1, R2, RW; 230-2400 m; 1, 2, 3, 4, 5; hoes; Kozuharova 1994; Lavčiev 2003; Kozuharova et al. 2005; Beschovski 2006a; Zielke 2019a.

***Thricops nigrifrons* (Robineau-Desvoidy, 1830)** [*Hera*; *Trichopticus variabilis* (Fallén, 1823)] – B1, B2, B3, V4, R1, R2, R4, RW, BS; 0-2400 m; 1, 2, 3, 4, 5; wesani; Nedelkov 1912; Lavčiev 1964b, 1966, 1974, 2003; Lavčiev & Karastoyanov 1970; Beschovski 2006a; Zielke 2019a.

***Thricops nigritellus* (Zetterstedt, 1838)** [*Trichopticus*] – B2, V4, R1, R2, RW; 600-2400 m; 2, 3, 4, 5; esan; Nedelkov 1912; Hennig 1961; Beron 1969; Lavčiev 1974, 2003; Kozuharova 1994; Kozuharova et al. 2005; Zielke 2019a.

***Thricops semicinereus* (Wiedemann, 1817)** [*Lasiops*] – B1, B2, V4, R1, R2, RW, RE; 250-2000 m; 1, 2, 3, 4; wesanca; Lavčiev 1964b, 1970a, 2003; Kozuharova 1994; Kozuharova et al. 2005; Zielke 2019a.

***Thricops simplex* (Wiedemann, 1817)** [*Alloeostylus*] – E1, E2, B1, B2, B3, V1, V4, R1, R2, R4, RW; 200-1990 m; 1, 2, 3, 4; wp; Gregor & Povolny 1959; Lavčiev 1964b, 1966, 1970a, 1974, 2003; Lavčiev & Tahirov 1970; Mirčeva 1981; Zielke 2019a.

***Thricops sudeticus* (Schnabl, 1888)** [*Alloeostylus*] – B1, V4, R1, RW; 800-2250 m; 2, 3, 4, 5; ean; Lavčiev 1970a, 2003; Beschovski 2006a; Zielke 2019a.

***Drymeia alpicola* (Rondani, 1871)** [*Pogonomyia*] – B1, B2, V4, RW; 700-2360 m; 2, 3, 4, 5; h; Lavčiev 1964b, 1970a, 1974, 2003; Beschovski 2006a; Zielke 2019a.

***Drymeia cinerea* (Meigen, 1826)** [*Eriphia*; *Pogonomyia*] – RW; 1240-1700 m; 3, 4; e; Lavčiev 1964b, 2003; Beschovski 2006a; Zielke 2019a.

***Drymeia fasciculata* (Stein, 1916)** [*Pogonomyia*] – V4, R1; 1500-2000 m; 3, 4; se, ? mm; Lavčiev 1964b, 2003; Zielke 2019a.

***Drymeia hamata* (Fallén, 1823)** – B2, V4, R5; 850-2370 m; 2, 3, 4, 5; e; Lavčiev 1964a, 2003; Pont 1986, 2017; Zielke 2019a.

***Drymeia vicana* (Harris, 1780)** [*Pogonomyia decolor* (Fallén, 1824)] – B1, B2, V4, R1, RW; 600-2400 m; 2, 3, 4, 5; esanca; Lavčiev 1964b, 1970a, 1974, 2003; Zielke 2019a.

***Hydrotaea aenescens* (Wiedemann, 1830)** – B1; 465 m; 1; hna; Zielke 2018b.

***Hydrotaea albipuncta* (Zetterstedt, 1845)** – B1, B2, RW; 600-2000 m; 2, 3, 4; tp; Lavčiev 1970a, 1974, 2003; Lavčiev et al. 1981.

***Hydrotaea armipes* (Fallén, 1825)** [*H. occulta* (Meigen, 1826)] – ▲; ♦; E2, P1, B1, B2, R2, RW, BN, BS; 20-2200 m; 1, 2, 3, 4, 5; ho; Nedelkov 1912; Caspers 1951b; Gregor & Povolny 1959; Lavčiev 1964a, 1965d, 1967, 1969, 1970a, 1972, 1974, 1980, 2003; Lavčiev & Tahirov 1977; Mirčeva 1981; Beschovski 2006a.

***Hydrotaea borussica* Stein, 1899** – B1, B3, V4, RW; 800-2000 m; 2, 3, 4; ei; Lavčiev 1965b, 1970, 1974, 2003; Lavčiev & Karastoyanov 1970; Beschovski 2006a.

***Hydrotaea capensis* (Wiedemann, 1818)** [*Ophyra anthrax* (Meigen, 1826)] – E2, V1; 200-600 m; 1; ppt, i, sk; Lavčiev 1964a, 1965d, 2003; Surbova 1965; Lavčiev & Nestorova 1967; Mirčeva 1981; Tsankova & Lavčiev 1992; Lavčiev & Tsankova 1994.

***Hydrotaea cyrtoneurina* (Zetterstedt, 1845)** – E1, B1, V1, RW, BS; 0-1900 m; 1, 2, 3, 4; po; Lavčiev 1964b, 1969, 1970a, 1972, 1974, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Beschovski & Lăvčiev 1971; Mirčeva 1974; Lavčiev et al. 1974; Lavčiev & Lateva 1977; Lavčiev & Tahirov 1977; Beschovski 2006a.

***Hydrotaea dentipes* (Fabricius, 1805)** – ▲; ♦; E2, B1, V1, V4, R2, BN, BS; 0-2200 m; 1, 2, 3, 4, 5; ho, ? hno; Nedelkov 1912; Gregor & Povolny 1959; Drensky 1960; Lavčiev 1964a, 1965a, 1965d, 1969, 1970a, 1974,

1980, 2003; Lavčiev & Nestorova 1967; Stoicheva 1970; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1970, 1977 ; Beschovski & Lăvčiev 1971; Lavčiev et al. 1974, 1981; Lavčiev & Lateva 1973, 1976; Mirčeva 1974, 1981; Lavčiev & Jovčev 1978; Lavčiev & Tsankova 1980; Lavčiev & Zhekov 1980.

***Hydrotaea floccosa* Macquart, 1835** – ♠; ho; Pont 1986, 2017.

***Hydrotaea glabricula* (Fallén, 1825)** – E2, B1, O61, R2; 150-900 m; 1, 2; hop; Gregor & Povolny 1959; Lavčiev 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Mirčeva 1981.

***Hydrotaea hennigi* Pont, 1986** [*H. spinigera* Hennig, 1962] – B1; 550 m; 1; see; Lavčiev 1970a.

***Hydrotaea hirticeps* (Fallén, 1824)** [*H. bezzii* Stein, 1899] – RW; 1000-1190 m; 3; e; Lavčiev 1964b, 2003; Beschovski 2006a.

***Hydrotaea ignava* (Harris, 1780)** [*H. leucostoma* (Wiedemann, 1817); *Ophyra*] – ♦; DW, E2, B1, V1, O61, O62, R5; BN, BS; 0-2000 m; 1, 2, 3, 4; ho, ? sk; Nedelkov 1912; Vesselinov & Gabev 1956; Gregor & Povolny 1959; Lavčiev 1964a, 1965a, 1965d, 1969, 1970a, 1974, 2003; Surbova 1965; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1970, 1977; Stoicheva 1970; Lavčiev & Lateva 1973; Lavčiev et al. 1974; Lavčiev & Jelesova 1978; Lavchiev & Jovčev 1978; Lavčiev & Mirčeva 1980; Lavčiev & Zhekov 1980; Lavčiev & Tsankova 1982.

***Hydrotaea irritans* (Fallén, 1823)** – ♦; E1, E2, B1, V1, R1, R2, R5, BS; 0-2500 m; 1, 2, 3, 4, 5, 6; tp, ? po; Gregor & Povolny 1959; Lavčiev 1964a, 1965a, 1965d, 1967, 1969, 1970a, 1972, 1974, 1980, 2003; Lavčiev & Nestorova 1967; Mirčeva 1974; Lavčiev & Tahirov 1977; Lavchiev & Jovčev 1978; Lavčiev & Zhekov 1980; Lavčiev et al. 1981, 1984.

***Hydrotaea meridionalis* Porchinskiy, 1882** – B2, B3, T11, R2, RE; 180-1700 m; 1, 2, 3, 4; wesan; Lavčiev 1964b, 1970a, 1974, 2003.

***Hydrotaea meteorica* (Linnaeus, 1758)** – P1, B1, B3, V1, V4, R1, R2; 300-2000 m; 1, 2, 3, 4; ho; Nedelkov 1912; Gregor & Povolny 1959; Lavčiev 1967, 1970a, 1972, 1974, 1980, 2003; Lavchiev & Tsankova 1982; Lavčiev et al. 1984.

***Hydrotaea militaris* (Meigen, 1826)** – B1, RW; 780-2000 m; 2, 3, 4; h; Lavčiev 1970a, 1974, 2003; Beschovski 2006a.

***Hydrotaea palaestrica* (Meigen, 1826)** – B1, RW; 400-1960 m; 1, 2, 3, 4; h; Lavčiev 1965c, 1970a, 2003; Beschovski 2006a.

***Hydrotaea pandellei* Stein, 1899** – P1, B1, K4, V4, RW; 300-1960 m; 1, 2, 3, 4; tp; Lavčiev 1965c, 1967, 1970a, 1972, 1974, 2003; Lavchiev & Zhekov 1980; Beschovski 2006a.

***Hydrotaea parva* Meade, 1889** – RW; 1600 m; 3, 4; eca; Lavčiev 2003; Beschovski 2006a.

***Hydrotaea pellucens* Porchinskiy, 1879** – RW; 1000-1200 m; 3, 4; wp, ? wes, bm; Lavčiev 2003; Beschovski 2006a.

***Hydrotaea penicillata* (Rondani, 1866)** – B1, V1, R3, RW, RE, BS; 0-1900 m; 1, 2, 3, 4; ean; Lavčiev 1964b, 1967, 1969, 1972, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Lavčiev et al. 1974; Lavčiev & Jelesova 1978; Beschovski 2006a.

***Hydrotaea pilipes* Stein, 1903** – B1; 400 m; 1; h; Lavčiev 1965b, 1970a, 2003.

***Hydrotaea similis* Meade, 1887** – B2, V4, R1, R2, R4, RW; 500-2000 m; 1, 2, 3, 4; tp; Gregor & Povolny 1959; Lavčiev 1966, 1970a, 1974, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Beschovski 2006a.

***Hydrotaea tuberculata* Rondani, 1866** – P1, P2, B1, B2, R1; 700-2000 m; 2, 3, 4; h; Lavčiev 1967, 1970a, 1974, 2003; Lavčiev et al. 1984.

***Hydrotaea velutina* Robineau-Desvoidy, 1830** – DW, P1, B3, V1; 50-800 m; 1, 2; tp, ? hop; Nedelkov 1912; Lavčiev 1970a, 1974, 2003.

***Potamia littoralis* Robineau-Desvoidy, 1830** [*Phaonia querceti* (Bouché, 1834)] – B1, V4, R1; 1300-1800 m; 3, 4; ho; Lavčiev 1964b, 1966, 2003; Zielke 2019a.

***Mesembrina intermedia* Zetterstedt, 1849** – B1, S211, R1, RW; 700-1800 m; 2, 3, 4; tes; Lavčiev 1965c, 1966, 1970a, 2003.

***Mesembrina meridiana* (Linnaeus, 1758)** [? *Scopeuma*] – B1, B2, B3, V1, V3, V4, R3, RW, BS; 0-2000 m; 1, 2, 3, 4; tp; Nedelkov 1909, 1912; Drensky 1960; Lavčiev 1966, 1967, 1970a, 1972, 1974, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1977; Lavčiev & Tsankova 1980; Beschovski 2006a.

***Mesembrina mystacea* (Linnaeus, 1758)** – B1, RW; 1500-1900 m; 3, 4; esanca; Lavčiev 1970a, 2003; Beschovski 2006a.

***Mesembrina resplendens* Wahlberg, 1844** – R1, RW; 1300-2000 m; 3, 4; tes; Drensky 1939a; Lavčiev 1966, 2003; Beschovski 2006a.

***Polietes domitor* (Harris, 1780)** [*P. albolineatus* (Fallén, 1823)] – ♦; E1, E2, P2, B1, B2, B3, S1, R5; 220-1600 m; 1, 2, 3; tp; Lavčiev 1964a, 1970a, 1974, 1980, 2003; Lavčiev & Tahirov 1977; Mirčeva 1981.

***Polietes lardarius* (Fabricius, 1781)** – ♦; E1, B1, B2, V1, TL, T31, R1, RW, BS; 0-2000 m; 1, 2, 3, 4; pat; Lavčiev 1964b, 1969, 1070a, 1972, 1974, 1977, 1980, 2003; Lavčiev & Nestorova 1967; Lavčiev & Tahirov 1970; Stoicheva 1970; Lavchiev & Jovčev 1978; Lavčiev & Zhekov 1980; Lavčiev & Tsankova 1982; Beschovski 2006a; Zielke 2016c.

***Polietes meridionalis* Peris & Llorente, 1963** – E1, O62, RE; 90-600 m; 1; eanna; Lavčiev & Tahirov 1977; Lavčiev & Jelesova 1978; Lavčiev 2003; Zielke 2016c.

? *Musca amita* Hennig, 1964 [*M. amica* Zimin, 1951; ? = *M. autumnalis* De Geer, 1776] – DW, E1, E2, B1, K8, K9, V1, S1, TL, O61, O62, R1, R2, R5, RW, RE, BN, BS; 0-2500 m; 1, 2, 3, 4, 5, 6; esca, ? tp; Lavčiev 1964a, 1965d.

***Musca autumnalis* De Geer, 1776** [*M. corvina* Fabricius, 1781; ? *M. amica* Zimin, 1951] – ▲; ♦; DW, E1, E2, B1, K9, V1, V3, V4, S1, TL, O61, O62, R1, R2, R5, RW, RE, BN, BS; 0-2400 m; 1, 2, 3, 4, 5; ho, ? hpt; Nedelkov 1909, 1912; Szilády 1934; Drensky 1955, 1960; Vesselinov & Gabev 1956; Gregor & Povolny 1959; Lavčiev 1964a, 1965a, 1965d, 1967, 1969, 1970a, 1972, 1974, 1980, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Beschovski & Lăvčiev 1971; Jovčev & Lavčiev 1972; Lavčiev & Tahirov 1977; Lavčiev & Jelesova 1978; Lavčiev & Jovčev 1978; Mirčeva 1979; Lavčiev & Zhekov 1980; Lavčiev et al. 1984.

***Musca domestica* Linnaeus, 1758** [*M. domestica domestica* Linnaeus, 1758; *M. domestica vicina* Macquart, 1843] – ▲; ♦; DW, DM, E1, E2, B1, B2, V1, V4, S22, TL, O61, O62, R1, R2, R5, RW, BN, BS; 0-2300 m; 1, 2, 3, 4, 5; k; trogloxene; Meunier 1897; Joakimoff 1899; Kovachev 1905; Nedelkov 1909, 1912; Drensky 1926; Czerný 1930; Szilády 1934; Popoff 1941; Drensky 1955, 1960; Surbova & Lavčiev 1956; Vesselinov & Gabev 1956; Gregor & Povolny 1959; Kozarov et al. 1959; Surbova & Avramov 1959; Valerianov 1961; Guéorguiev & Beron 1962; Lavčiev 1964a, 1965a, 1969, 1970a, 1974, 1980, 2003; Surbova 1965; Lavčiev & Nestorova 1967; Lavčiev & Jelesova 1968, 1971; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1970; Stoicheva 1970; Tahirov 1970, 1973, 1977; Beschovski & Lăvčiev 1971; Lavčiev & Lateva 1973, 1976; Lavčiev et al. 1973, 1974, 1981; Mirčeva 1974, 1977, 1979, 1981; Lavčiev & Jovčev 1978; Lavčiev & Mirčeva 1980; Lavčiev & Tsankova 1980, 1994; Lavčiev & Zhekov 1980; Beron 1994, 2015; Kirin & Buchvarov 1999; Beschovski 2006a.

***Musca larvipara* Porchinskiy, 1910** [*M. convexifrons* Thompson 1868; *M. bezzii* Patton & Cragg, 1913] – ▲; E1, E2, V1, O61, O62, R2, R5; 20-1800 m; 1, 2, 3, 4; wcp; Gregor & Povolny 1959; Lavčiev 1964a, 1965a, 1965d, 1967, 1970a, 1972, 1977, 1980, 2003; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1977; Lavčiev & Jelesova 1978; Lavchiev & Jovčev 1978.

***Musca osiris* Wiedemann, 1830** – E1, E2; 30-300 m; 1; wp; Lavčiev 1964a, 2003.

***Musca sorbens* Wiedemann, 1830** – DM, V1, BS; 0-600 m; 1; sppt; Vesselinov & Gabev 1956.

***Musca tempestiva* Fallén, 1817** – E1, E2, B1, K9, V1, V4, R1, R2, BS; 0-1200 m; 1, 2, 3; ppt; Szilády 1934; Drensky 1960; Lavčiev 1964a, 1965a, 1965d, 1967, 1969, 1970a, 1972, 1974, 1980, 2003; Lavčiev & Karastoyanov 1970; Stoicheva 1970; Beschovski & Lăvčiev 1971; Lavčiev et al. 1974; Lavčiev & Tahirov 1977; Lavčiev & Jelesova 1978; Lavčiev & Jovčev 1978; Lavčiev & Zhekov 1980; Mirčeva 1981.

***Musca vitripennis* Meigen, 1826** – ▲; ♦; DW, E1, E2, B1, B2, B3, K8, K9, V1, S1, TL, O61, O62, R1, R2, R5, RW, RE, BN, BS; 0-2500 m; 1, 2, 3, 4, 5, 6; ppt; Nedelkov 1912; Szilády 1934; Lavčiev 1964a, 1965a, 1965d, 1967, 1969, 1970a, 1972, 1974, 1977, 1980, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Stoicheva 1970; Beschovski & Lăvčiev 1971; Jovčev & Lavčiev 1972; Lavčiev & Tahirov 1977; Lavčiev & Jelesova 1978; Lavčiev & Jovčev 1978; Mirčeva 1979, 1981; Kirin & Buchvarov 1999.

***Morellia aenescens* Robineau-Desvoidy, 1830** – E1, B2, B3, S1, O61, O62, R1, R2; 150-1620 m; 1, 2, 3; tp; Lavčiev 1964a, 1974, 1980, 2003; Lavčiev et al. 1981; Lavčiev & Tahirov 1977; Lavčiev & Jovčev 1978.

***Morellia hortorum* (Fallén, 1817)** – E1, P1, B1, B2, B3, R5, BS; 0-2000 m; 1, 2, 3, 4; po; Drensky 1960; Lavčiev 1964a, 1965a, 1965d, 1970a, 1974, 1980, 2003; Lavčiev & Karastoyanov 1970; Lavčiev et al. 1974, 1981; Lavčiev & Jovčev 1978; Lavčiev & Zhekov 1980; Lavchiev & Tsankova 1982.

***Morellia podagrica* (Loew, 1857)** – B1, B2, O61, R1, R2, R5; 480-2000 m; 1, 2, 3, 4; h; Gregor & Povolny 1959; Lavčiev 1964a, 1967, 1970a, 1974, 1980, 2003; Lavchiev & Jovčev 1978.

***Morellia simplex* (Loew, 1857)** – ♦; DW, E1, E2, B1, B2, B3, V1, V4, TL, O61, R1, BS; 0-2200 m; 1, 2, 3, 4, 5; tp; Nedelkov 1912; Szilády 1934; Drensky 1960; Lavčiev 1964a, 1965a, 1965d, 1967, 1969, 1970a, 1972, 1974, 1980, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Stoicheva 1970; Beschovski & Lăvčiev

1971; Jovčev & Lavčiev 1972; Lavčiev & Lateva 1973; Lavčiev et al. 1974, 1981; Lavčiev & Tahirov 1977; Lavčiev & Jelesova 1978; Lavčiev & Jovčev 1978; Mirčeva 1979, 1981; Lavčiev & Zhekov 1980.

***Neomyia cornicina* (Fabricius, 1781)** [*Cryptolucilia caesarion* (Meigen, 1826); *Orthellia*] – ♦; E1, E2, B1, B2, B3, V1, S22, TL, O61, R1, R5, BN, BS; 0-2200 m; 1, 2, 3, 4, 5; sk; Nedelkov 1909, 1912; Szilády 1934; Lavčiev 1964a, 1965a, 1965d, 1967, 1969, 1970a, 1972, 1974, 1980, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1970, 1977; Stoicheva 1970; Beschovski & Lăvčiev 1971; Lavčiev & Jelesova 1972, 1978; Lavčiev & Lateva 1973; Mirčeva 1974, 1981; Lavčiev & Jovčev 1978; Lavčiev & Zhekov 1980; Lavčiev et al. 1984.

***Neomyia viridescens* (Robineau-Desvoidy, 1830)** – ♠; tp; Pont 1986, 2017.

***Pyrellia rapax* (Harris, 1780)** [*P. aenea* (Zetterstedt, 1838); *P. ignita* Robineau-Desvoidy, 1830; *Dasyphora serena* (Meigen, 1826)] – ♦; E1; 0-1400 m; 1, 2, 3; tp; Nedelkov 1912; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1977; Lavčiev 2003.

***Pyrellia vivida* Robineau-Desvoidy, 1830** [*P. cadaverina*] – ▲; ♦; DW, E1, E2, B1, K8, V1, V4, S1, TL, O61, O62, R2, R5, RW, RE, BN, BS; 0-2500 m; 1, 2, 3, 4, 5, 6; hno, po; Nedelkov 1909, 1912; Szilády 1934; Gregor & Povolny 1959; Lavčiev 1964a, 1965a, 1965d, 1969, 1970a, 1972, 1974, 1980, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1970, 1977; Beschovski & Lăvčiev 1971; Lavčiev et al. 1974; Mirčeva 1974, 1981; Lavčiev & Lateva 1976; Lavčiev & Jovčev 1978.

***Eudasyphora cyanella* (Meigen, 1826)** [*Dasyphora eriophthalma* (Macquart, 1834)] – E1, P1, B1, BS; 0-1500 m; 1, 2, 3; wpat; Lavčiev 1969, 1970a, 2003; Lavčiev et al. 1974; Lavčiev & Tahirov 1977.

***Eudasyphora cyanicolor* (Zetterstedt, 1845)** – B1, B2, B3, RW; 600-1400 m; 2, 3; hptn, ? ho; Lavčiev 1965c, 1970a, 1974, 2003.

***Eudasyphora zimini* (Hennig, 1963)** – B1, RW; 750-1000 m; 2; e; Lavčiev 1974, 2003; Beschovski 2006a.

***Dasyphora albofasciata* (Macquart, 1839)** [*D. saltum* Rondani, 1862] – ♦; B1, B2, B3, TL, BN, BS; 0-1500 m; 1, 2, 3; swp; Szilády 1934; Gregor & Povolny 1959; Lavčiev 1967, 1969, 1970a, 1972, 1974, 1980, 2003; Lavčiev & Karastoyanov 1970; Stoicheva 1970; Beschovski & Lăvčiev 1971; Lavčiev & Jelesova 1978; Lavčiev & Jovčev 1978.

***Dasyphora gussakovskii* Zimin, 1947** – R1; 1800-2200 m; 4, 5; po; Lavčiev 1964a, 2003.

***Dasyphora penicillata* (Egger, 1865)** [*D. versicolor* (Meigen, 1826)] – DW, E1, E2, B1, B2, K8, K9, V1, V4, S1, TL, O61, O62, R1, R2, R5, RW, RE, BS; 0-2400 m; 1, 2, 3, 4, 5; wp, ? mm; Nedelkov 1912; Gregor & Povolny 1959; Drensky 1960; Lavčiev 1964a, 1970a, 1974, 2003; Lavčiev & Nestorova 1967.

***Dasyphora pratorum* (Meigen, 1826)** – ♦; DW, E1, E2, B1, B2, B3, K8, K9, V1, V4, S1, TL, O61, R1, R2, R5, RW, BN, BS; 0-2400 m, 1, 2, 3, 4, 5; wp; Nedelkov 1909, 1912; Szilády 1934; Gregor & Povolny 1959; Lavčiev 1964a, 1967, 1969, 1970a, 1972, 1974, 1980, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Stoicheva 1970; Lavčiev & Lateva 1976; Lavčiev & Jelesova 1978; Lavčiev & Jovčev 1978; Lavčiev et al. 1981, 1984; Mirčeva 1981; Lavchiev & Tsankova 1982; Beschovski 2006a.

***Dasyphora similis* Zimin, 1951** – E2; 200-300 m; 1; seewca; Mirčeva 1981; Lavchiev 2003.

***Stomoxys calcitrans* (Linnaeus, 1758)** – ▲; ♦; DM, E2, P2, B2, S22, TL, BN, BS; 0-1600 m; 1, 2, 3; k; Nedelkov 1909, 1910, 1912; Drensky 1934, 1955, 1957a, 1960; Szilády 1934; Popoff 1941; Valerianov 1961; Lavčiev 1965a, 1965d, 1967, 1980, 2003; Surbova 1965; Lavčiev & Nestorova 1967; Stoicheva 1970; Lavčiev et al. 1974; Lavčiev & Lateva 1973; Lavčiev & Jovčev 1978; Mirčeva 1979, 1981; Darlenski et al. 2020.

***Haematobia irritans* (Linnaeus, 1758)** [*Lyperosia*, *Siphona*] – E2, TL, R1; 30-1700 m; 1, 2, 3, 4; hn, ? hna; Szilády 1934; Drensky 1957a; Lavčiev 1967, 1972, 1980, 2003; Lavčiev & Nestorova 1967; Lavčiev & Tahirov 1977; Lavčiev & Jelesova 1978; Lavčiev & Jovčev 1978; Lavčiev & Zhekov 1980.

***Haematobia titillans* (Bezzi, 1907)** – E1, S1, TL, BS; 0-800 m; 1, 2; po; Szilády 1934; Drensky 1957a, 1960; Lavčiev 1967, 1980, 2003; Lavčiev & Tahirov 1977.

***Haematobosca atripalpis* (Bezzi, 1895)** [*Haematobia*, *Lyperosia*, *Siphona*] – ♦; E2, BN; 0-2000 m; 1, 2, 3, 4; eanca; Szilády 1934; Lavčiev 1967, 1972, 1980, 2003; Mirčeva 1981.

***Haematobosca stimulans* (Meigen, 1824)** [*Haematobia*, *Siphona*] – ▲; ♦; E1, SB, BS; 0-1900 m; 1, 2, 3, 4; po; Szilády 1934; Drensky 1955, 1957a, 1960; Lavčiev 1967, 1970a, 1972, 1980, 2003; Lavčiev & Tahirov 1977; Lavčiev & Jovčev 1978; Lavčiev & Tsankova 1982.

***Eginia ocypterata* (Meigen, 1826)** – TL; 60 m; 1; e; Zielke 2018a.

***Atherigona varia* (Meigen, 1826)** – P2, B2, BN, BS; 0-1000 m; 1, 2; tp; Beschovski & Lăvčiev 1971; Lavčiev 2003; Zielke 2018a.

***Phaonia alpicola* (Zetterstedt, 1845)** – S22, RW; 1500-1590 m; 3, 4; h; Lavčiev 2003; Beschovski 2006a; Zielke 2016a.

***Phaonia angelicae* (Scopoli, 1763)** [*Ph. basalis* (Zetterstedt, 1837)] – P2, B1, B2, V1, V4, R1, RW; 500-1800 m; 1, 2, 3, 4; tp; Lavčiev 1964b, 1965c, 1966, 1970a, 1974, 2003; Beschovski 2006a; Zielke 2016a, 2018a.

***Phaonia bitincta* (Rondani, 1866)** – B1, B2, S1, R1, RW; 500-1800 m; 1, 2, 3, 4; e; Lavčiev 1964b, 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Lavčiev et al. 1984; Beschovski 2006a.

***Phaonia boleticola* (Rondani, 1866)** – E1, B2; 450-800 m; 1, 2; e; Lavčiev 1974, 2003.

***Phaonia consobrina* (Zetterstedt, 1838)** [*Midaea marmorata* (Zetterstedt, 1860)] – RW; 1100-1200 m; 3; h; Nedelkov 1912; Lavčiev 2003; Beschovski 2006a.

***Phaonia errans* (Meigen, 1826)** [*Ph. erratica* (Fallén, 1825); *Ph. tinctipennis* (Rondani, 1866); *Aricia*] – P1, B1, B3, V1, V4, TL, R2, R3, RW, BN, BS; 0-1450 m; 1, 2, 3, 4; h; Nedelkov 1912; Drenowsky 1939; Drensky 1939a, 1942; Lavčiev 1964b, 1969, 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Beschovski 2006a; Zielke 2016a, 2018a.

***Phaonia erronea* (Schnabl, 1887)** – B1, RW; 780-800 m; 2; e; Lavčiev 1964b, 1970a, 1974, 2003.

***Phaonia exoleta* (Meigen, 1826)** – B1, RW; 770-1440 m; 2, 3; ewca; Lavčiev & Karastoyanov 1970; Lavčiev 2003; Zielke 2016a.

***Phaonia falleni* Michelsen, 1977** [*Ph. vagans* (Fallén, 1825)] – V1, V4, TL, RW; 200-1900 m; 1, 2, 3, 4; hoes; Nedelkov 1912; Lavčiev 2003; Beschovski 2006a.

***Phaonia fuscata* Fallén, 1825** – P2, B2, B3, V1, R2, R5, RW; 300-2200 m; 1, 2, 3, 4; po; Lavčiev 1964a, 1974, 2003; Beschovski 2006a; Zielke 2016a.

***Phaonia gobertii* (Mik, 1881)** – E2; 230-300 m; 1; dp; Lavčiev et al. 1981; Lavčiev 2003.

***Phaonia hybrida* (Schnabl, 1888)** – B2, V4, R1; 1800-2900 m; 4, 5, 6; h, bm; Pont 1986, 2017; Zielke 2016a.

***Phaonia impura* Zinoviev, 1987** – BS; 0-5 m; 1; e; Zielke 2016a.

***Phaonia incana* (Wiedemann, 1817)** – V1, V4, RW; 700-2000 m; 2, 3, 4; po; Nedelkov 1912; Lavčiev 2003; Beschovski 2006a; Zielke 2016a.

***Phaonia laeta* (Fallén, 1823)** – RE; 430 m; 1; ? wp; Lavčiev 2003; Zielke 2016a.

***Phaonia lavcievi* Zielke 2016** – RE; 270 m; 1; Ebg; Zielke 2016a.

***Phaonia lugubris* (Meigen, 1826)** [*Ph. morio* (Zetterstedt, 1845)] – B1, B2, V1, V4, S1, S21, TL, R1, RW; 230-2100 m; 1, 2, 3, 4; h, ? bm; Nedelkov 1912; Lavčiev 1966, 1970a, 1974, 2003; Beschovski 2006a.

***Phaonia mediterranea* Hennig, 1963** – P1, B1, O61, O62, RE; 200-1800 m; 1, 2, 3, 4; ena, ? wp; Lavčiev 1970a, 2003; Zielke 2016a, 2018a.

***Phaonia meigeni* Pont, 1986** – B1, V4, RW; 770-2100 m; 2, 3, 4, 5; tes; Zielke 2016a, 2018a.

***Phaonia mystica* (Meigen, 1826)** – RW; 2000 m; 4; e; Lavčiev 1964b, 1965a, 2003; Beschovski 2006a.

***Phaonia pallida* (Fabricius, 1787)** – ♦; E1, P1, P2, B1, B2, B3, V1, V3, V4, S211, S22, TL, RW, RE, BN, BS; 0-1630 m; 1, 2, 3, 4; wp; Nedelkov 1912; Lavčiev 1965a, 1969, 1970a, 1972, 1974, 1980, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1970; Beschovski & Lăvčiev 1971; Lăvčiev et al. 1974; Lavčiev & Jovčev 1978; Lavčiev & Zhekov 1980; Mirčeva 1981; Zielke 2016a, 2018a.

***Phaonia palpata* (Stein, 1897)** – P2, B1, B3, V1; 500-800 m; 1, 2; eo; Lavčiev 1964b, 1970a, 1974, 2003; Zielke 2016a.

***Phaonia perdita* (Meigen, 1830)** – V1, V3, R2, RW; 700-1600 m; 2, 3, 4; wp; Lavčiev & Karastoyanov 1970; Lăvčiev 2003; Zielke 2016a, 2018a.

***Phaonia pratensis* (Robineau-Desvoidy, 1830)** [*Ph. laeta* (Fallén, 1823)] – B3, RE; 430-800 m; 1, 2; e; Lavčiev 1965c, 1970a, 1974, 2003; Zielke 2016a, 2018a.

***Phaonia profugax* (Pandelle, 1899)** – RW; 1000-1050 m; 3; tes; Zielke 2018a.

***Phaonia pura* (Loew, 1873)** [*Ph. candicans* (Pandellé, 1898)] – B1, R1, R2, RW; 530-1550 m; 1, 2, 3, 4; cse, ? e; Lavčiev 1964b, 19656, 1970a, 1974, 2003; Beschovski 2006a; Zielke 2016a.

***Phaonia regalis* (Stein, 1900)** – P1, B3, R1, RE; 180-800 m; 1, 2; cseean; Lavčiev 1974, 2003; Zielke 2016a, 2018a.

***Phaonia rufipalpis* (Macquart, 1835)** – O62, BS; 0-300 m; 1; wp; Lavčiev 1969, 2003; Zielke 2016a.

***Phaonia rufiventris* (Scopoli, 1763)** [*Ph. populi* (Meigen, 1826)] – B1, B2, B3, S1, R1, RW; 300-1900 m; 1, 2, 3, 4; wp; Lavčiev 1970a, 1974, 2003; Lavčiev et al. 1984; Georgiev et al. 1998; Zielke 2016a.

***Phaonia sandanskii* Zielke, 2017** – O62; 260 m; 1; Ebg; Zielke 2017b, 2018a.

***Phaonia scutellata* (Zetterstedt, 1845)** – B1, B3, S1, R1, R2, RW, BS; 0-1800 m; 1, 2, 3, 4; ena; Lavčiev 1969, 1970a, 2003; Lavčiev & Karastoyanov 1970; Zielke 2016a, 2018a.

***Phaonia serva* (Meigen, 1826)** – P1, B1, B2, V4, R1, R2, R4, R5, RW; 400-2000 m; 1, 2, 3, 4; h; Lavčiev 1964a, 1966, 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Zielke 2016a, 2018a.

***Phaonia siebecki* Schnabl, 1911** – B1, B2; 480-800 m; 1, 2; e; Lavčiev 1970a, 1974, 2003; Zielke 2016a.

***Phaonia subventa* (Harris, 1780)** [*Ph. variegata* (Meigen, 1826)] – E1, B1, B2, B3, K4, V1, V3, V4, S1, TL, O62, R2, R4, RW, BS; 0-1900 m; 1, 2, 3, 4; ena; Lavčiev 1964b, 1969, 1970a, 1974, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Lavčiev & Zhekov 1980; Beschovski 2006a; Zielke 2016a, 2018a.

***Phaonia tiefii* (Schnabl, 1888)** – P2, B2, R1, RW; 700-2390 m; 2, 3, 4, 5; ? e; Lavčiev 1974, 2003; Zielke 2016a, 2018a.

***Phaonia trimaculata* (Bouché, 1834)** – P2, V1, V3, R1, RW; 550-1700 m; 1, 2, 3, 4; ? wp; Lavčiev 2003; Beschovski 2006a; Zielke 2016a, 2018a.

***Phaonia tuguriorum* (Scopoli, 1763)** [*Ph. signata* (Meigen, 1826)] – P1, B1, B2, V1, V3, TL, R2, RE; 160-1200 m; 1, 2, 3; wcp; Nedelkov 1912; Lavčiev 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Zielke 2016a, 2018a.

***Phaonia valida* (Harris, 1780)** – E1, P1, B1, V1, V4, S22, TL, O62, R1, RE, BN; 0-1270 m; 1, 2, 3; wp, ? eanna; Pont, 1986, 2013; Zielke 2016a, 2018a.

***Phaonia villana* Robineau-Desvoidy, 1830** – ♠; dpo; Pont, 1986, 2013.

***Phaonia zugmayeriae* (Schnabl, 1888)** – R1, RW; 1300-1950 m; 3, 4; des; Zielke 2016a, 2018a.

***Helina allotalla* (Meigen, 1830)** – B1, V4, RW; 1200-1630 m; 3, 4; e; Lavčiev 1965c, 1970a, 2003; Beschovski 2006a; Zielke 2018a.

***Helina annosa* (Zetterstedt, 1838)** [*H. multisetosa* (Strobl, 1898)] – B1, B2, B3, V1, TL, R1, RW; 200-2100 m; 1, 2, 3, 4; h, ? ho; Lavčiev 1964b, 1965c, 1970a, 1974, 2003; Lavčiev et al. 1984; Zielke 2018a.

***Helina arctata* Collin, 1953** – V1, RW; 530-1800 m; 1, 4; wes; Pont 1986; Zielke 2018a.

***Helina atricolor* (Fallén, 1825)** – R1, RW; 1300-1750 m; 3, 4; e; Zielke 2018a.

***Helina ciliatocosta* (Zetterstedt, 1845)** [*Enoplopteryx*] – E1, B1, B2, V1, R1, RW; 200-1800 m; 1, 2, 3, 4; e; Lavčiev 1964b, 1970a, 1974, 2003; Lavčiev & Tahirov 1977; Zielke 2018a.

***Helina cilipes* (Schnabl, 1902)** – B3, RW; 600-1400 m; 1, 2, 3; e; Lavčiev 1974; Beschovski 2006a; Zielke 2018a.

***Helina cinerella* (van der Wulp, 1867)** [*H. vanderwulpi* (Schnabl, 1888); *H. tuleskovi* Lavčiev 1968] – B1, V5, R1, RW; 380-2400 m; 1, 2, 3, 4, 5; h; Lavčiev 1965c, 1968, 1970a, 1974, 2003; Beschovski 2006a; Zielke 2018a.

***Helina concolor* (Czerny, 1900)** – B1, B3, RW; 600-1500 m; 2, 3, 4; e; Lavčiev 1970a, 1974, 2003; Zielke 2018a.

***Helina confinis* (Fallén, 1825)** [*H. anceps* (Zetterstedt, 1837); *Mydaea* (*Spilogaster*)] – E2, P1, B1, B3, S211, R2, R4, RW, RE, BN; 170-1800 m; 1, 2, 3, 4; des, ? wces; Lavčiev 1964b, 1966, 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Mirčeva 1974, 1981; Beschovski 2006a; Zielke 2018a.

***Helina dabovetsa* Zielke, 2017** – RE; 180-190 m; 1; Ebg; Zielke 2017b, 2018a.

***Helina decipiens* Mihalyi, 1974** – P3, B3, V1, V5, RW; 370-1020 m; 1, 2, 3; esan, ? wces; Zielke 2018a.

***Helina deleta* (Stein, 1914)** – B2, RW; 1000-1600 m; 3, 4; des; Zielke 2018a.

***Helina depuncta* (Fallén, 1825)** – E1, E2, B3, V1, R1, R2, RW; 30-1500 m; 1, 2, 3, 4; tes; Gregor & Povolny 1959; Lavčiev 1964a, 1965d, 1966, 1974, 2003; Lavčiev & Lateva 1973, 1976; Lavčiev et al. 1984; Zielke 2018a.

***Helina evecta* (Harris, 1780)** [*H. laetifica* (Robineau-Desvoidy, 1830); *H. lucorum* (Fallén, 1823); E1, P2, B1, B2, V1, V4, S1, S23, TL, R1, R2, R3, R4, RW, BS; 0-2390 m; 1, 2, 3, 4, 5; hptn; Nedelkov 1912; Lavčiev 1966, 1970a, 1974, 2003; Stoicheva 1970; Lavčiev & Jelesova 1978; Lavčiev et al. 1984; Beschovski 2006a; Zielke 2018a.

***Helina fratercula* (Zetterstedt, 1845)** – B2, R2, RW; 900-1400 m; 2, 3; e; Lavčiev & Karastoyanov 1970; Lavčiev 1974, 2003; Beschovski 2006a; Zielke 2018a.

***Helina impuncta* (Fallén, 1825)** – E1, B2, V1, O62, RW, RE; 250-1000 m; 1, 2; tp; Lavčiev 1974, 2003; Beschovski 2006a; Zielke 2018a.

***Helina interfusa* (Pandellé, 1899)** – P1, B1, TL; 200-400 m; 1; e; Lavčiev 1970a, 2003; Stoicheva 1970; Zielke 2018a, 2018c.

***Helina intermedia* (Villeneuve, 1899)** – B1, RW; 1270-1550 m; 3, 4; e; Zielke 2018a.

***Helina lasiophthalma* (Macquart, 1835)** – B1, B2, B3, V1, V3, V4, TL, T31, R1, R3, RE; 60-1300 m; 1, 2, 3; ean; Lavčiev 1965b, 1970a, 1974, 2003; Zielke 2018a.

***Helina latitarsis* Ringdahl, 1924** – DW, B1, B2, B3, R1, R4, RW; 50-1900 m; 1, 2, 3, 4; esanca; Lavčiev 1966, 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Kozuharova 1994; Zielke 2018a.

***Helina laxifrons* (Zetterstedt, 1860)** – B1, V1, V4, R2, R4, BS; 0-1800 m; 1, 2, 3, 4; h; Lavčiev 1969, 2003; Lavčiev & Karastoyanov 1970; Zielke 2018a.

***Helina maculipennis* (Zetterstedt, 1845)** – B3; 630-700 m; 1, 2; h; Zielke 2018a.

***Helina moedlingensis* (Schnabl, 1911)** – B1, B2, V5, R1, R2, RW; 600-2400 m; 1, 2, 3, 4, 5; ho; Lavčiev 1965c, 1970a, 1974, 2003; Beschovski 2006a; Zielke 2018a.

***Helina momchili* Zielke, 2016** – RE; 450 m; 1; Ebg; Zielke 2016d, 2018a.

***Helina montana* (Rondani, 1866)** – V1, V4, R1, RW; 500-1500 m; 1, 2, 3; csei; Nedelkov 1912; Lavčiev 1966, 2003; Beschovski 2006a; Zielke 2018a.

***Helina obscurata* (Meigen, 1826)** – B1, B2, V4, R1, RW; 420-2000 m; 1, 2, 3, 4; h; Lavčiev 1965c, 1966, 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Lavčiev et al. 1984; Beschovski 2006a; Zielke 2018a.

***Helina obscuratoides* (Schnabl, 1887)** – B1; 1300-1600 m; 3, 4; h; Lavčiev 1965b, 2003; Zielke 2018a.

***Helina obtusipennis* (Fallén, 1823)** – B3, RW; 600-1850 m; 2, 3, 4; ean; Lavčiev 1965c, 1974, 2003; Beschovski 2006a; Zielke 2018a.

***Helina pandellei* (Villeneuve, 1922)** – RW; 1270-1400 m; 3; e; Lavčiev 1965b, 2003; Beschovski 2006a; Zielke 2018a.

***Helina parcepilosa* (Stein, 1907)** [*H. calceata* Schnabl, 1911; *Mydaea* (*Spilogaster*)] – B1, B3, V1, V4, R4, RE, BN, BS; 0-1700 m; 1, 2, 3, 4; wcp; Lavčiev 1964b, 1966, 1970a, 1974, 2003; Beschovski & Lăvčiev 1971; Lavčiev et al. 1974; Zielke 2018a.

***Helina protuberans* (Zetterstedt, 1845)** – RW; 1380 m; 3; ? e; Zielke 2018a.

***Helina pubescens* (Stein, 1893)** – V4, S22, O62, R4, RW, RE; 260-1960 m; 1, 2, 3, 4; ean; Lavčiev 1966, 2003; Beschovski 2006a; Zielke 2018a.

***Helina pubiseta* (Zetterstedt, 1845)** – P1, B1, R1, RW; 320-1900 m; 1, 2, 3, 4; e; Lavčiev 1966, 1970a, 2003; Lavčiev & Karastoyanov 1970; Beschovski 2006a; Zielke 2018a.

***Helina quadrinotata* (Meigen, 1826)** – O62, RW; 260-1900 m; 1, 3, 4; e; Lavčiev 2003; Beschovski 2006a; Zielke 2018a.

***Helina quadrum* (Fabricius, 1805)** – V1, RW, RE; 75-1800 m; 1, 2, 3, 4; tp; Nedelkov 1912; Lavčiev 1965c, 2003; Beschovski 2006a; Zielke 2018a.

***Helina reversio* (Harris, 1780)** [*H. duplicata* (Meigen, 1826); *H. prospinosa* (Pandellé, 1898); *Mydaea* (*Spilogaster*)] – P1, P2, B1, B2, B3, V1, V4, V5, S1, S211, TL, T1, O61, R1, R2, R3, R4, RW, RE, BS; 0-2230 m; 1, 2, 3, 4, 5; ho; Nedelkov 1912; Gregor & Povolny 1959; Lavčiev 1966, 1969, 1970a, 1974, 2003; Lavčiev & Nestorova 1967; Mirčeva 1974, 1981; Lavčiev & Jelesova 1978; Lavčiev & Zhekov 1980; Zielke 2018a.

***Helina richardi* Pont, 2012** – R4; 1240 m; 3; sena, ? mm; Zielke 2018a.

***Helina rilae* Zielke, 2017** – R1; 1800 m; 4; Ebg; Zielke 2017b, 2018a.

***Helina setiventris* Ringdahl, 1924** – B1, V1, RW; 350- 1700 m; 1, 2, 3, 4; wesant; Lavchiev 1965c, 1970a, 2003; Beschovski 2006a; Zielke 2018a.

***Helina sexmaculata* (Preyssler, 1791)** [*H. punctata* (Robineau-Desvoidy, 1830); *H. uliginosa* (Fallén, 1825)] – E1, B1, B2, V1, S1, O62, RE, BN; 0-1100 m; 1, 2, 3; hoa; Nedelkov 1912; Lavčiev 1966, 1974, 2003; Lavčiev & Tahirov 1977; Lavčiev & Jelesova 1978; Zielke 2018a.

***Helina siutkae* Zielke, 2017** – RW; 1700-1800 m; 4; Ebg; Zielke 2017b, 2018a.

***Helina spinicosta* (Zetterstedt, 1845)** – B2, S1, RW; 360-1400 m; 1, 2, 3; h; Lavčiev 1974, 2003; Beschovski 2006a; Zielke 2018a.

***Helina subvittata* (Seguy, 1923)** [*H. rothi* Ringdahl, 1939] – B2, R1, RW; 1000-1400 m; 2, 3; h; Lavčiev 1974, 2003; Beschovski 2006a; Zielke 2018a.

***Helina syracusana* Hennig, 1957** – B1, RW; 1400-1960 m; 3, 4; ? hom, ? mm; Zielke 2018a, 1919b.

***Helina tetrastigma* (Meigen, 1826)** – B1, O62, BS; 0-1000 m; 1, 2; eswa; Gregor & Povolny 1959; Lavčiev 1969, 2003; Zielke 2018a.

***Helina trivittata* (Zetterstedt, 1860)** [*H. atripes* (Meade, 1889)] – P1, B1, RW; 500-1400 m; 1, 2, 3; wces; Lavčiev 1965c, 1970a, 2003; Beschovski 2006a; Zielke 2018a.

***Gymnodia eremophila* (Brauer & Bergenstamm, 1894)** [*G. impedita* Pandellé, 1898; *Brontaea*] – V1, RW, BS; 0-1560 m; 1, 2, 3, 4; wpat; Lavčiev 1967, 1969, 1972, 1980, 2003; Lavčiev et al. 1974; Lavčiev & Jelesova 1978; Lavčiev & Jovčev 1978; Beschovski 2006a; Zielke 2016b.

***Gymnodia genurufa* (Pandellé, 1899)** [*Brontaea*] – ♠; sena; Pont, 1986, 2013; Zielke 2016b.

***Gymnodia humilis* (Zetterstedt, 1860)** – B1, R1; 520-1350 m; 1, 2, 3; h; Zielke 2016b.

***Gymnodia polystigma* (Meigen, 1826)** – B3; 630 m; 1, 2; ? ess, ? sess; Zielke 2016b.

***Mydaea ancilla* (Meigen, 1826)** [*Spilogaster bicincta* (Villeneuvé, 1899)] – E1, P2, B1, B2, B3, V1, V3, S1, R1, R4, RW, RE, BS; 0-1800 m; 1, 2, 3, 4; tp; Lavčiev 1966, 1969, 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Beschovski & Lăvčiev 1971; Lăvčiev et al. 1974; Lavčiev & Tahirov 1977; Zielke 2016b.

***Mydaea anicula* (Zetterstedt, 1860)** – P1, B1, R1, R4, RW, BS; 0-1800 m; 1, 2, 3, 4; wes; Lavčiev 1966, 1969, 1970a, 2003; Lavčiev & Karastoyanov 1970; Lăvčiev et al. 1974; Lavčiev & Tahirov 1977; Zielke 2016b.

***Mydaea corni* (Scopoli, 1763)** [*M. pagana* (Fabricius, 1794); *M. scutellaris* (Robineau-Desvoidy, 1830)] – E1, E2, B1, B2, V4, S1, O62, R1, R2, RW, BS; 0-1900 m; 1, 2, 3, 4; tp, ? hop; Lavčiev 1964a, 1970a, 1974, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1977; Lavčiev & Jovčev 1978; Lavčiev & Zhekov 1980; Mirčeva 1981; Lavchiev et al. 1984; Zielke 2016b.

***Mydaea deserta* (Zetterstedt, 1845)** – R4; 1240 m; 3; ? e; Lavchiev 1966.

***Mydaea detrita* (Zetterstedt, 1845)** [*M. electa* (Zetterstedt, 1860)] – P1, B1, B2, B3, R2, R4, RW, BS; 0-1200 m; 1, 2, 3; h; Lavčiev 1969, 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Beschovski & Lăvčiev 1971; Lavčiev et al. 1974; Zielke 2016b.

***Mydaea humeralis* Robineau-Desvoidy, 1830** [*M. tincta* (Zetterstedt, 1845)] – B1, B2, B3, V1, V3, S1, TL, R2; 300-1000 m; 1, 2; tp, ? esca; Lavčiev 1964b, 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Stoicheva 1970; Zielke 2016b.

***Mydaea lateritia* (Rondani, 1866)** – R4, BS; 0-1240 m; 1, 2, 3; eswa; Lavčiev 1969, 2003; Zielke 2016b.

***Mydaea maculiventris* (Zetterstedt, 1846)** [*M. spinipes* Karl, 1929] – B1, B2; 700-800 m; 2; e; Zielke 2016b.

***Mydaea nebulosa* (Stein, 1893)** – P2, B1, B2, B3, V4; 470-2000 m; 1, 2, 3, 4; des; Lavčiev 1965c, 1970a, 1974, 2003; Zielke 2016b.

Mydaea nebulosa (Stein, 1893) – P1, B1, TL; 230-500 m; 1; h; Lavčiev 1965c, 1970a, 2003; Zielke 2016b.

***Mydaea orthonevra* (Macquart, 1835)** [*M. detrita* (Zetterstedt, 1845)] – P1, B1, B3, S1, RW, BS; 0-1600 m; 1, 2, 3, 4; hoes; Lavčiev 1969, 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Lavčiev et al. 1974; Lavčiev & Zhekov 1980; Zielke 2016b.

***Mydaea setifemur* Ringdahl, 1924** – B2; ♠; hoes; Zielke 2016b.

***Mydaea urbana* (Meigen, 1826)** – ♦; E1, E2, P1, P2, B1, B2, B3, V1, V3, V4, S1, R1, R2, R4, RW, RE, BS; 0-1800 m; 1, 2, 3, 4; h; Lavčiev 1964b, 1966, 1969, 1970a, 1972, 1974, 1980, 2003; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1970; Beschovski & Lăvčiev 1971; Lavčiev et al. 1974; Mirčeva 1974; Lavčiev & Jelesova 1978; Lavčiev & Jovčev 1978; Lavčiev & Zhekov 1980; Zielke 2016b.

***Myospila bimaculata* (Macquart, 1834)** [*M. hennigi* Gregor & Povolný, 1959] – E2, B1, B3, R1, RW, BS; 0-1800 m; 1, 2, 3, 4; eca; Lavčiev 1969, 2003; Lavčiev & Karastoyanov 1970; Lavčiev et al. 1974; Mirčeva 1974, 1981; Zielke 2016b.

***Myospila meditabunda* (Fabricius, 1781)** [*Mydaea*] – ♦; E1, E2, P1, B1, B2, B3, V1, V3, V4, V5, TL, T2, T31, O61, R1, R2, R4, RW, RE, BN, BS; 0-2200 m; 1, 2, 3, 4, 5; hno; Nedelkov 1912; Gregor & Povolny 1959; Lavčiev 1964a, 1965a, 1965d, 1969, 1970a, 1972, 1974, 1980, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1970, 1977; Beschovski & Lăvčiev 1971; Jovčev & Lavčiev 1972; Lavčiev et al. 1974, 1981; Mirčeva 1974, 1981; Lavčiev & Jelesova 1978, 1979; Lavčiev & Tsankova 1980; Lavčiev & Zhekov 1980; Kozuharova 1994; Zielke 2016b.

***Hebecnema fumosa* (Meigen, 1826)** – P1, P2, B1, B2, B3, V1, V4, S1, O62, R1, RW, BN, BS; 0-2000 m; 1, 2, 3, 4; po; Nedelkov 1912; Lavčiev 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Lavčiev & Zhekov 1980; Kozuharova 1994; Zielke 2016b.

***Hebecnema nigra* (Robineau-Desvoidy, 1830)** [*H. vespertina* nec (Fallén, 1823)] – BS; 0-5 m; 1; h; Pont 1986; Zielke 2016b.

***Hebecnema nigricolor* (Fallén, 1825)** – E1, B1, B2; 200-1400 m; 1, 2, 3; ho; Lavčiev 1970a, 1974, 1977, 2003; Zielke 2016b.

***Hebecnema umbratica* (Meigen, 1826)** – ♦; E1, E2, P1, P2, B1, B2, B3, V1, S1, TL, R1, BS; 0-1800 m; 1, 2, 3, 4; ho; Nedelkov 1912; Lavčiev 1967, 1969, 1970a, 1972, 1974, 1980, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1970, 1977; Stoicheva 1970; Lavčiev et al. 1974, 1984; Lavčiev & Zhekov 1980; Lavčiev & Tsankova 1982; Mirčeva 1981; Zielke 2016b.

***Hebecnema vespertina* (Fallén, 1823)** [*H. affinis* Malloch, 1921] – E2, P1, B2, V1, V4, R1, R2, RW, BS; 0-1900 m; 1, 2, 3, 4; h; Nedelkov 1912; Lavčiev 1964a, 1969, 1970a, 1972, 1974, 1980, 2003; Lavčiev et al. 1974, 1984; Lavčiev & Karastoyanov 1970; Mirčeva 1974, 1981; Lavčiev & Zhekov 1980; Pont 1986, 2013; Beschovski 2006a; Zielke 2016b.

***Graphomya maculata* (Scopoli, 1763)** – ♦; DW, DM, E1, E2, P1, P2, B1, B2, B3, V1, V4, S1, TL, R1, R2, R5, RW, BN, BS; 0-1300 m; 1, 2, 3; po, ? ppta, ? sk; Nedelkov 1909, 1912; Szilády 1934; Drensky 1960; Lavčiev 1964a, 1969, 1970a, 1974, 1980, 2003; Lavčiev & Nestorova 1967; Lavčiev & Karastoyanov 1970; Stoicheva 1970; Lavčiev et al. 1974; Mirčeva 1974, 1981; Lavčiev & Tahirov 1977; Lavčiev & Jovčev 1978; Zielke 2016b.

***Spilogona acrostichalis* (Stein, 1916)** – B3; 800-1000 m; 2; e; Lavčiev 1974, 2003.

***Spilogona baltica* (Ringdahl, 1918)** – V4, BN; 0-1500 m; 1, 3, 4; h; Beschovski & Lăvčiev 1971; Kozuharova 1994; Lăvčiev 2003.

***Spilogona biseriata* (Stein, 1916)** – BN; 0-5 m; 1; ean; Beschovski & Lăvčiev 1971; Beschovski 1975b; Lăvčiev 2003.

***Spilogona carbonella* (Zetterstedt, 1845)** – V4, S22, R1, BN; 0-1500 m; 1, 2, 3; ean; Nedelkov 1909, 1912; Lavčiev 2003.

***Spilogona denigrata* (Meigen, 1826)** – R1, RW; 1400-1500 m; 3, 4; e; Lavčiev 1966, 2003; Beschovski 2006a.

***Spilogona dispar* (Fallén, 1823)** [*S. funeralis* (Rondani, 1866); *Limnophora*] – P1, B1, B2, V4, R1, R2; 20-2100 m; 1, 2, 3, 4; wesan; Lavčiev 1964b, 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Lavčiev et al. 1984.

***Spilogona meadei* (Schnabl, 1915)** – B2; 1100-1300 m; 3; e; Lavčiev 1974, 2003.

***Spilogona ocularia* (Villeneuve, 1922)** – RE; 400-450 m; 1; se; Lavčiev 1964b, 2003.

***Spilogona placida* (Huckett, 1932)** [*S. vana* (Zetterstedt, 1845); *Coenosia*] – V1; 600 m; 1, 2; h; Nedelkov 1912; Lavčiev 2003.

***Neolimnophora maritima* (Roder, 1887)** [*Fuselia*, *Limnophora*] – BS; 0-5 m; 1; ena; Beschovski 1964a; Lavčiev 1969, 2003.

***Limnophora exuta* (Kowarz, 1893)** – B1; 450-620 m; 1, 2; ena; Lavčiev 1970a, 2003.

***Limnophora ljubomirovi* Zielke, 2017** – RE; 239 m; 1; Ebg; Zielke 2017.

***Limnophora maculosa* (Meigen, 1826)** – P1, B1, B3, R2, BN, BS; 0-1800 m; 1, 2, 3, 4; eca; Lavčiev 1969, 1970a, 1974, 2003; Lavčiev & Karastoyanov 1970; Beschovski & Lavčiev 1971; Lavčiev et al. 1974.

***Limnophora nigripes* (Robineau-Desvoidy, 1830)** – B1; 450 m; 1; h; Lavčiev 1970a, 2003.

***Limnophora obsignata* (Rondani, 1866)** – R2, BS; 0-900 m; 1, 2; atm; Lavčiev 1969, 2003; Lavčiev & Karastoyanov 1970.

***Limnophora orbitalis* Stein, 1907** – B2, BN; 0-800 m; 1, 2; tp; Beschovski & Lavčiev 1971; Lăvčiev 1974, 2003.

***Limnophora pandellei* Seguy, 1923** – ♠; ena; Pont 1986, 2013.

***Limnophora pollinifrons* Stein, 1916** – BN; 0-5 m; 1; wcp; Beschovski 1964a, 1964b; Beschovski & Lavčiev 1971; Lavčiev 2003.

***Limnophora pulchriceps* (Loew, 1860)** – P2; 600 m; 1, 2; cseean; Lavčiev 1974, 2003.

***Limnophora riparia* (Fallén, 1824)** – B1, B2, V1, V4; 600-2000 m; 2, 3, 4; wp; Nedelkov 1912; Arndt 1943; Lavčiev 1970a, 1974, 2003.

***Limnophora rufimana* (Strobl, 1893)** – ♠; mca; Pont 1986, 2013.

***Limnophora setinerva* Schnabl, 1911** – BN; 0-5 m; 1; dp; Beschovski & Lavčiev 1971; Lavčiev 2003.

***Limnophora tigrina* (Am Stein, 1860)** – V1; 600 m; 1, 2; wcp; Nedelkov 1912; Lavčiev 2003.

***Limnophora triangula* (Fallén, 1825)** – ♠; tp; Pont 1986, 2013.

***Lispe caesia* Meigen, 1826** – V1, BS; 0-600 m; 1; wp; Nedelkov 1912; Beschovski & Lavčiev 1971; Beschovski 1975b; Lavčiev 2003.

***Lispe consanguinea* Loew, 1858** – P1, B1, V1, V4, RW, BN; 0-1700 m; 1, 2, 3, 4; tp; Nedelkov 1912; Beschovski 1972a, 1972b, 1973e; Lavčiev 1970a, 2003; Beschovski 2006a.

***Lispe flavicincta* Loew, 1847** – BS; 0-5 m; 1; ena; Beschovski & Lavčiev 1971; Lavčiev 2003.

***Lispe litorea* Fallén, 1825** – BN; 0-5 m; 1; e; Beschovski & Lavčiev 1971; Lavčiev 2003.

***Lispe loewi* Ringdahl, 1922** – BS; 0-5 m; 1; wpat; Beschovski & Lavčiev 1971; Beschovski 1975b; Lavčiev 2003.

***Lispe longicollis* Meigen, 1826** – RW, BS; 0-1100 m; 1, 2, 3; po; Beschovski & Lavčiev 1971; Beschovski 1972a; Lavčiev 2003; Beschovski 2006a.

***Lispe melaleuca* Loew, 1847** – BN; 0-5 m; 1; po; Beschovski & Lavčiev 1971; Beschovski 1972a, 1972b; Lavčiev et al. 1974; Lavčiev 2003.

***Lispe nana* Macquart, 1835** – BN, BS; 0-5 m; 1; ppt; Lavčiev 1969, 2003; Beschovski & Lavčiev 1971.

***Lispe pygmaea* Fallén, 1825** – BN, BS; 0-5 m; 1; ppt; Beschovski & Lavčiev 1971; Beschovski 1973e, 1975b; Lavčiev 2003.

***Lispe tentaculata* (De Geer, 1776)** – E1, E2, P2, B1, V1, BN, BS; 0-1000 m; 1, 2; hno; Löw 1862; Nedelkov 1912; Lavčiev 1965d, 1969, 1970a, 1974, 2003; Lavčiev & Nestorova 1967; Beschovski & Lavčiev 1971; Lavčiev

& Karastoyanov 1970; Beschovski 1972a, 1972b; Lavčiev et al. 1974; Lavčiev & Tahirov 1977; Lavčiev & Zhekov 1980; Mirčeva 1981.

***Lispe uliginosa* Fallén, 1825** – V1, BN; 0-600 m; 1, 2; h; Nedelkov 1912; Drensky 1960; Lavčiev 2003.

***Lispocephala brachialis* (Rondani, 1877)** [*Caricea*] – B1, S23; 400-600 m; 1; ena; Lavčiev 1970a, 2003; Lavčiev & Karastoyanov 1970.

***Lispocephala erythrocera* (Robineau-Desvoidy, 1830)** [*Caricea*] – BN; 0-5 m; 1; ho; Beschovski & Lavčiev 1971; Lavčiev 2003.

***Orchisia costata* (Meigen, 1826)** [*Sapromyza*] – BS; 0-5 m; 1; ppta; Caspers 1951a; Beschovski 1964a; Lavčiev 2003.

***Schoenomyza litorella* (Fallén, 1823)** – BN; 0-5 m; 1; hpt; Beschovski & Lavčiev 1971; Lavčiev 2003.

***Macrorchis meditata* (Fallén, 1825)** – ♦; E2, P2, B1, B2, TL, BN, BS; 0-1620 m; 1, 2, 3, 4; wcp; Lavčiev 1969, 1974, 2003; Lavčiev & Karastoyanov 1970; Stoicheva 1970; Beschovski & Lavčiev 1971; Mirčeva 1974, 1981.

***Dexiopsis lacteipennis* (Zetterstedt, 1845)** [*Coenosia*] – B1, BN; 0-600 m; 1; e; Lavčiev 1970a, 2003; Beschovski & Lavčiev 1971.

***Dexiopsis ruficornis* Macquart, 1835** [*D. litoralis* (Zetterstedt, 1845); *Coenosia*] – RW, BN, BS; 0-1700 m; 1, 2, 3, 4; e; Beschovski & Lavčiev 1971; Lavčiev 2003; Beschovski 2006a.

***Coenosia agromyzina* (Fallén, 1825)** – ♠; wesan; Pont 1986, 2013.

***Coenosia albicornis* Meigen, 1826** – V1; 600 m; 1, 2; e; Lavčiev & Lateva 1973; Lavčiev 2003.

***Coenosia ambulans* Meigen, 1826** – BN; 0-5 m; 1; wcp; Beschovski & Lavčiev 1971; Lavčiev 2003.

***Coenosia antennata* (Zetterstedt, 1849)** – BN, BS; 0-5 m; 1; e; Beschovski & Lavčiev 1971; Lavčiev 2003.

***Coenosia atra* Meigen, 1830** – ♠; wp; Pont 1986, 2013.

***Coenosia beschovskii* Lavciev, 1970** – BN, BS; 0-5 m; 1; Ebg; Lavčiev 1970b, 2003; Beschovski & Lavčiev 1971.

***Coenosia bilineella* (Zetterstedt, 1838)** – P2, B2, RW; 600-1200 m; 1, 2, 3; tes; Lavčiev 1974, 2003; Beschovski 2006a.

***Coenosia flavimana* (Zetterstedt, 1845)** – BN, BS; 0-5 m; 1; e; Beschovski & Lavčiev 1971; Lavčiev 2003.

***Coenosia humilis* Meigen, 1826** – RW, BN; 0-1500 m; 1, 4; hpt; Beschovski & Lavčiev 1971; Lavčiev 2003.

***Coenosia infantula* Rondani, 1866** – BN; 100-200 m; 1; e; Lavčiev 1974, 2003.

***Coenosia intermedia* (Fallén, 1825)** – P1, B1, V1, RW; 320-1700 m; 1, 2, 3, 4; tes, ? wces; Nedelkov 1912; Lavčiev 1970a, 2003; Beschovski 2006a.

***Coenosia mixta* Schnabl, 1911** – ♠; sena; Pont 1986, 2013.

***Coenosia mollicula* (Fallen, 1825)** – ♠; h; Pont 1986, 2013.

***Coenosia pygmaea* (Zetterstedt, 1845)** – BN; 0-5 m; 1; tes, ? wces; Beschovski & Lavčiev 1971; Lavčiev 2003.

***Coenosia rufipalpis* Meigen, 1826** – BN; 0-5 m; 1; tes; Beschovski & Lavčiev 1971; Beschovski 1976a.

***Coenosia strigipes* Stein, 1916** – BS; 0-5 m; 1; ppt; Beschovski & Lavčiev 1971; Lavčiev 2003.

***Coenosia testacea* (Robineau-Desvoidy, 1830)** [*C. tricolor* Zetterstedt, 1845] – V1, BN; 0-600 m; 1; wcp; Nedelkov 1912; Beschovski & Lavčiev 1971; Lavčiev 2003.

***Coenosia tigrina* (Fabricius, 1775)** – ♦; E1, E2, P2, B1, B2, B3, V1, V4, BN, BS; 0-1800 m; 1, 2, 3, 4; h; Nedelkov 1912; Lavčiev 1969, 1979a, 1964, 2003; Lavčiev & Karastoyanov 1970; Lavčiev & Tahirov 1977; Mirčeva 1981.

Calliphoridae

***Bellardia bayeri* (Jacentkovsky, 1937)** [*Onesia*] – RW; 400 m; 1; h; Jacentkovsky 1937.

***Bellardia pandia* (Walker 1849)** [*Onesia biseta* Kramer, 1917] – R1; 1600 m; 3, 4; e; Jacentkovsky 1936, 1937.

***Bellardia siciliensis* (Villeneuve, 1926)** [*Onesia*] – E1, RW; 150-370 m; 1; se; Jacentkovsky 1936, 1937; Beschovski 2006a.

***Bellardia viarum* (Robineau-Desvoidy, 1830)** [*Onesia pusilla* (Meigen, 1826)] – E2; 230 m; 1; des; Drensky 1958.

***Bellardia vulgaris* (Robineau-Desvoidy, 1830)** [*Onesia agilis* (Meigen, 1826)] – V1, V4; 550-850 m; 1, 2; h; Jacentkovsky 1936, 1937; Drensky 1958.

***Calliphora genarum* (Zetterstedt, 1838)** [*Acrophaga alpina* (Zetterstedt, 1838)] – R1; 1600 m; 4; h; Jacentkovsky 1936, 1937.

***Calliphora vicina* Robineau-Desvoidy, 1830** [*C. erythrocephala* (Meigen, 1826)] – ▲; ♦; DM, E2, V1, S22, TL, RW, BN, BS; 0-1810 m; 1, 2, 3, 4; k, i; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937; Popoff 1941; Drensky 1955, 1958, 1960; Vesselinov & Gabev 1956; Gregor & Povolny 1959; Valerianov 1961; Lavčiev 1965a, 1965d, 1980; Surbova 1965; Lavčiev & Jovčev 1978; Beschovski 2006a.

***Calliphora vomitoria* (Linnaeus, 1758)** – ▲; ♦; DM, E2, B1, V1, V4, S22, R1, R2, BN, BS; 0-1900 m; 1, 2, 3, 4; sk, i; Meunier 1897; Kovachev 1905; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937; Popoff 1941; Drensky 1955, 1958; Vesselinov & Gabev 1956; Gregor & Povolny 1959; Lavčiev 1965a, 1980; Lavčiev & Jovčev 1978.

***Cynomya mortuorum* (Linnaeus, 1761)** – E2, V1, V4, RW, BN, BS; 0-1300 m; 1, 2, 3; ho; Nedelkov 1912; Drensky 1958, 1960; Lavčiev 1965d; Surbova 1965.

***Lucilia caesar* (Linnaeus, 1758)** [? *L. ruficeps* (Meigen, 1826)] – ▲; ♦; E1, E2, V1, TL, O61, R1, R2, BN, BS; 0-1810 m; 1, 2, 3, 4; hno, ? sk, i; Meunier 1897; Kovachev 1905; Nedelkov 1909, 1912; Szilády 1934; Jacentkovsky 1936, 1937; Popoff 1941; Drensky 1942, 1958, 1960; Vesselinov & Gabev 1956; Gregor & Povolny 1959; Lavčiev 1965a, 1965d, 1980; Lavčiev & Jovčev 1978.

***Lucilia ilustris* (Meigen, 1826)** – E2, V1, BS; 0-600 m; 1, 2; hoa; Vesselinov & Gabev 1956; Drensky 1958; Lavčiev 1965d.

***Lucilia richardsi* Collin, 1926** – B3, V4, S1, O61, R1; 250-1100 m; 1, 2, 3; e; Jacentkovsky 1936, 1937.

***Lucilia sericata* (Meigen, 1826)** [*L. nobilis* (Meigen, 1826)] – ▲; ♦; DM, E2, B1, V1, V4, S1, S22, TL, O61, R1, BN, BS; 0-2100 m; 1, 2, 3, 4, 5; k; Joakimoff 1899; Nedelkov 1909, 1912; Szilády 1934; Jacentkovsky 1936, 1937; Popoff 1941; Drensky 1955, 1958, 1960; Vesselinov & Gabev 1956; Gregor & Povolny 1959; Valerianov 1961; Zhecheva 1961; Beschovski 1964a; Lavčiev 1965d, 1980; Surbova 1965; Lavčiev & Jovčev 1978.

***Lucilia silvarum* (Meigen, 1826)** – ♦; E2, S1, T31, R1, RW, BS; 0-400 m; 1; hn; Joakimoff 1899; Nedelkov 1912; Jacentkovsky 1936, 1937; Drensky 1958, 1960; Beschovski 1964a, 1965, 2006a.

? *Lucilia ruficeps* (Meigen, 1826) [? = *L. caesar* (Linnaeus, 1758)] – V1; 550-600 m; 1; e; Nedelkov 1912.

? *Melinda cognata* (Meigen, 1830) [*Onesia*] – E2; 200-250 m; 1; ena; Drensky 1958.

***Melinda gentilis* Robineau-Desvoidy, 1830** [*Onesia*; ? *M. cognata* (Meigen, 1830)] – DM, E2, V1, V4; 140-800 m; 1, 2; h; Drensky 1958.

***Onesia austriaca* Villeneuve, 1920** [*O. macrophallus* Stein, 1924] – V4; 770-1000 m; 2; cse; Jacentkovsky 1936, 1937; Drensky 1958.

***Onesia sepulcralis* (Meigen, 1826)** [*O. floralis* Robineau-Desvoidy, 1830] – V1, V4, TL; 200-1820 m; 1, 2, 3, 4; e; Nedelkov 1909, 1912; Drensky 1958.

***Chrysomya albiceps* (Wiedemann, 1819)** [*Compsomyia*] – B3, S1, TL, BS; 0-500 m; 1; pptn; Jacentkovsky 1936, 1937; Drensky 1958, 1960; Lavčiev & Jovčev 1978; Lavčiev 1980; Beschovski 2004a.

***Phormia regina* (Meigen, 1826)** [*Lucilia thalassina* Meigen, 1826] – V1, V4, TL, T31, O61, BS; 0-1000 m; 1, 2; ha; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937; Drensky 1958, 1960; Gregor & Povolny 1959; Zhecheva 1961; Lavčiev 1965a, 1965d, 1980; Surbova 1965; Stoicheva 1970.

***Protocalliphora azurea* (Fallén, 1817)** [*P. caerulea* (Robineau-Desvoidy, 1830)] – E2; 20-30 m; 1; po; Lavčiev 1965d.

***Protophormia terraenovae* (Robineau-Desvoidy, 1830)** – ♦; E2, V1, O61, R1; 30-1500 m; 1, 2, 3; hno; Vesselinov & Gabev 1956; Gregor & Povolny 1959; Lavčiev 1965d, 1980; Surbova 1965; Lavčiev et al. 1984.

***Pollenia amentaria* (Scopoli, 1763)** [*P. vespillo* (Fabricius, 1794)] – ♦; DW, DM, V1, V3, V4, S1, TL, BS; 0-1000 m; 1, 2; wp; Nedelkov 1912; Szilady 1934; Jacentkovsky 1936, 1937; Drensky 1958; Beschovski 2004a.

***Pollenia atramentaria* (Meigen, 1826)** [? *P. nigrina* (Meigen, 1838)] – E1, BS; 0-350 m; 1; ena; Drensky 1958.

***Pollenia bulgarica* Jacentkovsky, 1939** – S1, RW; 300-400 m; 1; cseei; Jacentkovsky 1937, 1939; Beschovski 2006a.

***Pollenia dasypoda* Portschinsky, 1881** – R1; 900-1100 m; 2, 3; wpo; Jacentkovsky 1939.

***Pollenia fulvipalpis* Macquart, 1835** [*P. bisulca* Pandelle, 1896] – S1, TL, RW; 150-370 m; 1; csena; Jacentkovsky 1936, 1937; Drensky 1958; Beschovski 2006a.

***Pollenia labialis* Robineau-Desvoidy, 1863** [*P. excarinata* Wainwright, 1940; ? *P. depressa* (Meigen, 1826)] – DW, E2, V1, V4, TL, BS; 0-800 m; 1, 2; h; Drensky 1958, 1960.

***Pollenia pediculata* Macquart, 1834** [*P. obscura* Bigot, 1888] – BS; 0-5 m; 1; hoa; Drensky 1958.

***Pollenia rudis* (Fabricius, 1794)** [*P. varia* (Meigen, 1826); ? *P. depressa* (Meigen, 1826)] – ♦; DM, E2, V1, V4, S22, TL, O61, O62, R1, BN, BS; 0-1600 m; 1, 2, 3, 4; sk, hpta, ? hoa; Joakimoff 1899; Nedelkov 1909, 1912; Szilády 1934; Jacentkovsky 1936, 1937; Vesselinov & Gabev 1956; Drensky 1958, 1960; Gregor & Povolny 1959; Lavčiev 1965d, 1980; Surbova 1965; Lavčiev & Jovčev 1978; Beschovski 2004a.

***Pollenia tenuiforceps* Séguy, 1928** [*P. angustifrons* (Jacentkovsky, 1941)] – TL, R1; 80-1400 m; 1, 2, 3; ena; Szilády 1934; Drensky 1958; Beschovski 2004a.

***Pollenia vagabunda* (Meigen, 1826)** – K9, V1, S1, TL, RW; 80-600 m; 1; h; Drensky 1958; Beschovski 2004a, 2006a.

***Pollenia vera* Jacentkovsky, 1936** – B3, V1; 500-750 m; 1, 2; e; Jacentkovsky 1936, 1937.

***Pollenia viatica* Robineau-Desvoidy, 1830** [*P. pallida* Rohdendorf, 1926] – R1; 1600 m; 3, 4; ewca; Jacentkovsky 1939.

***Pollenia pruinosa* (Macquart, 1835)** [? nomina dubia] – BS; 0-5 m; 1; ? se; Drensky 1958, 1960.

***Rhyncomya columbina* (Meigen, 1824)** – TL, BS; 0-250 m; 1; sena; Nedelkov 1909.

***Rhyncomya cyanescens* (Loew, 1844)** – DM, E1, B2, V4, S1, TL, O61, BN, BS; 0-1400 m; 1, 2, 3; hom; Löw 1862, 1863; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937; Drensky 1958, 1960; Beschovski 2004a.

***Rhyncomya impavida* (Rossi, 1790)** [*R. columbina* Schiner, 1861] – E1, S1, TL, RW, BN, BS; 0-500 m; 1; sena; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937; Drensky 1942, 1958, 1960; Beschovski 2006a.

***Rhyncomya speciosa* (Loew, 1844)** – DW, O62, R5, RW, BN, BS; 0-550 m; 1; ? nm; Nedelkov 1909, 1912; Drensky 1942, 1958, 1960; Beschovski 2006a.

***Stomorhina lunata* (Fabricius, 1805)** [*S. cinerea* (Robineau-Desvoidy, 1830)] – V1; 550-600 m; 1; hpt; Nedelkov 2012.

Sarcophagidae

***Amobia signata* (Meigen, 1824)** [*Pachyophthalma*] – S1; 250-300 m; 1; ppt; Jacentkovsky 1936, 1937; Verves 1986; Pape & Beuk 2017.

***Senotainia albifrons* (Rondani, 1859)** – S1, O61, RW; 250-320 m; 1; ppt; Jacentkovsky 1936, 1937; Beschovski 2006a; Pape & Beuk 2017.

***Senotainia conica* (Fallén, 1810)** – ♠; esca; Verves 1986; Pape & Beuk 2017.

***Senotainia tricuspis* (Meigen, 1838)** – S1, O61, RW; 250-320 m; 1; tp; Jacentkovsky 1936, 1937; Verves 1986; Beschovski 2006a; Pape & Beuk 2017.

***Taxigramma heteroneura* (Meigen, 1830)** – ♠; ho; Verves 1986; Pape & Beuk 2017.

***Apodacra seriemaculata* Macquart, 1854** – V1; 600 m; 1; cseit; Nedelkov 1912.

***Miltogramma germari* Meigen, 1824** – V1, TL, O61; 170-600 m; 1; wcp; Nedelkov 1912; Jacentkovsky 1936, 1937; Verves 1986; Pape & Beuk 2017.

***Miltogramma murina* Meigen, 1824** – V1; 600 m; 1; ena; Nedelkov 1912.

***Miltogramma oestracea* (Fallén, 1820)** – V1; 600 m; 1; tp; Nedelkov 1912.

***Miltogramma punctata* Meigen, 1824** – ♠; tp; Verves 1986; Pape & Beuk 2017.

***Miltogramma taeniata* Meigen, 1824** – O61; 315 m; 1; wpo; Jacentkovsky 1936, 1937; Verves 1986; Pape & Beuk 2017.

***Miltogramma testaceifrons* (von Roser, 1840)** [*M. pilitarse* Rondani, 1859] – B1, V1, S22, BN; 0-700 m; 1, 2; po; Nedelkov 1909, 1912.

***Pterella grisea* (Meigen, 1824)** [*Setula*] – O61; 315 m; 1; ? wcp; Jacentkovsky 1936, 1937; Verves 1986; Pape & Beuk 2017.

***Taxigramma stictica* (Meigen, 1830)** [*Hilarella dura* (Robineau-Desvoidy, 1830)] – O61, R1; 450 m; 1; wcp; Jacentkovsky 1936, 1937; Verves 1986; Pape & Beuk 2017.

***Mesomelena mesomelaena* (Loew, 1848)** – ♠; esca; Verves 1986; Pape & Beuk 2017.

***Metopia argentata* Macquart, 1850** – V1; 600 m; 1; po; Nedelkov 1912.

***Metopia argyrocephala* (Meigen, 1824)** [*M. leucocephala* (Rossi, 1790)] – V1, O61, R1; 450-1600 m; 1, 2, 3, 4; hno; Nedelkov 1912; Jacentkovsky 1936, 1937; Verves 1986; Pape & Beuk 2017.

***Metopia campestris* (Fallén, 1810)** – V4, O61, R1; 450-1600 m; 1, 2, 3, 4; ho; Jacentkovsky 1936, 1937; Verves 1986; Pape & Beuk 2017.

***Taxigramma multipunctata* (Rondani, 1859)** [*Heteroneura*; *Paragusia*] – V3, S1; 270-1000 m; 1, 2; wcp; Jacentkovsky 1936, 1937; Verves 1986; Pape & Beuk 2017.

***Phylloteles pictipennis* Loew, 1844** – V1, O61; 315-600 m; 1; wesant; Nedelkov 1912; Jacentkovsky 1936, 1937; Verves 1986; Pape & Beuk 2017.

***Agria affinis* (Fallén, 1817)** [*A. punctata* Robineau-Desvoidy, 1830] – ♠; tp; Verves 1986; Pape 1996; Pape & Beuk 2017.

***Agria mamillata* (Pandellé, 1896)** [*Pseudosarcophaga*] – ♦; TL; 200-230 m; 1; esca; Popoff 1956; Trenchev 1979; Georgiev 1996b; Georgiev & Langurov 1997; Verves 1986; Pape 1996; Pape & Beuk 2017.

***Angiometopa falleni* Pape, 1986** [*A. ruralis* (Fallén, 1817)] – ♠; esca; Verves 1986; Pape & Beuk 2017.

***Brachicoma devia* (Fallén, 1820)** – V4, R1; 750-1800 m; 2, 3, 4; ho; Jacentkovsky 1936, 1937; Drensky 1957b; Verves 1986; Pape & Beuk 2017.

***Eurychaeta muscaria* (Meigen, 1826)** [*Helicobosca*] – R1, RW; 380-1800 m; 1, 2, 3, 4; ena; Jacentkovsky 1936, 1937; Drensky 1957b; Beschovski 2006a; Pape & Beuk 2017.

***Eurychaeta palpalis* (Robineau-Desvoidy, 1830)** [*Helicobosca*] – O61; 310-340 m; 1; wces; Gregor & Povolny 1959; Verves 1986.

***Nyctia halterata* (Panzer, 1798)** [*Anthracia caminaria* (Meigen, 1826)] – V4, BN; 0-1100 m; 1, 2, 3; ena; Löw 1862; Jacentkovsky 1936, 1937; Drensky 1957b; Verves 1986; Pape & Beuk 2017.

***Sarcophila latifrons* (Fallén, 1817)** – E2, V4, S1, TL, RW, RE, BN, BS; 0-400 m; 1; esca; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937; Drensky 1957; Lavčiev 1965d; Beschovski 2004a; Pape & Beuk 2017.

***Wohlfahrtia magnifica* (Schiner, 1862)** [*Sarcophila*] – ▲; V1, O61, O62, BN; 0-600 m; 1; wcp; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937; Drensky 1957; Gregor & Povolny 1959; Verves 1986; Pape & Beuk 2017.

***Wohlfahrtia vigil* (Walker, 1849)** [*W. meigeni* (Schiner, 1862); *Sarcophila*] – ▲; V4, BN; 0-1100 m; 1, 2, 3; h, ? ho; Nedelkov 1909, 1912; Verves 1986; Pape & Beuk 2017.

***Blaesoxipha* (*Blaesoxipha*) *cochlearis* (Pandellé, 1896)** – O62; 90-100 m; 1; tp; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Blaesoxipha* (*Blaesoxipha*) *laticornis* (Meigen, 1826)** [*B. grylloctona* Löw, 1861] – S1; 276 m; 1; tp; Jacentkovsky 1936, 1937; Verves 1986; Pape & Beuk 2017.

***Blaesoxipha* (*Blaesoxipha*) *litoralis* (Villeneuve, 1911)** – S1, O62; 90-270 m; 1; tp; Jacentkovsky 1939; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Blaesoxipha* (*Blaesoxipha*) *plumicornis* (Zetterstedt, 1859)** [*B. gladiatrix* (Pandellé, 1896)] – DM, B3, V1, V4, S1, TL, T31, RE; 80-1100 m; 1, 2, 3; tp, ? hop; Jacentkovsky 1936, 1937; Drensky 1957; Verves 1986; Povolný & Verves 1990; Beschovski 2004a; Pape & Beuk 2017.

***Blaesoxipha* (*Blaesoxipha*) *lapidosa* Pape, 1994** [*B. lineata* Fallén, 1817; *B. campestris* (Robineau-Desvoidy, 1863); *B. redemta* (Pandellé, 1896); *Gesneroides*] – E1, E2, S1, TL, T31, O61, RW, RE, BS; 0-500 m; 1; ppta; Petkoff 1921; Jacentkovsky 1936, 1937; Drensky 1955, 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Blaesoxipha* (*Blaesoxipha*) *ungulata* (Pandellé, 1896)** – R1; 1600 m; 3, 4; ena; Jacentkovsky 1936, 1937; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Blaesoxipha* (*Blaesoxipha*) *unicolor* (Villeneuve, 1912)** – BN, BS; 0-10 m; 1; po; Jacentkovsky 1937, 1939; Drensky 1957; Povolný & Verves 1990; Pape & Beuk 2017.

***Blaesoxipha* (*Servaisia*) *erythrura* (Meigen, 1826)** [*Sarcophaga strenua* (Robineau-Desvoidy, 1863)] – DM, B1, V1, V4, TL, T31, R1, RW, BN; 0-1500 m; 1, 2, 3, 4; esca; Nedelkov 1909, 1912; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Blaesoxipha* (*Servaisia*) *rossica* Villeneuve, 1912** – S1, O61, R1; 320-1200 m; 1, 2, 3; esca; Jacentkovsky 1936, 1937; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Blaesoxipha* (*Tephromyia*) *grisea* (Meigen, 1826)** – E1, P2, R4, BN, BS; 0-1000 m; 1, 2; tes; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Ravinia pernix* (Harris, 1780)** [*R. striata* (Fabricius, 1794); *R. haematodes* (Meigen, 1826); *Sarcophaga*] – ▲; ♦; DM, E2, P1, V4, S1, TL, O61, R1, R2, RW, BN, BS; 0-2000 m; 1, 2, 3, 4; ppt; Joakimoff 1899; Jacentkovsky 1936, 1937; Drensky 1957, 1960; Karnožitzky 1957; Gregor & Povolny 1959; Stefanov & Keremidchiev 1961; Lavčiev 1965a, 1965d, 1980; Surbova 1965; Stoicheva 1970; Lavčiev & Jovčev 1978; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Bellieriomima*) *subulata* Pandellé, 1896** [*S. laciniata* Pandellé, 1896] – B2, K9, R2, R5; 520-1200 m; 1, 2, 3; des; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Helicophagella*) *agnata* Rondani, 1860** [*Bellieria*] – K9, V4, R1; 670-1500 m; 2, 3, 4; e; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Helicophagella*) *crassimargo* Pandellé, 1896** [*Bellieria*] – E1, E2, P2, O62, R2; 20-2000 m; 1, 2, 3, 4; wesca; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Helicophagella*) *hirticrus* Pandelle, 1896** [*Bellieria*] – E1, P2, S1, BS; 0-300 m; 1; ena; Jacentkovsky 1936, 1937; Drensky 1955, 1957; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Helicophagella*) *macrura* (Rohdendorf, 1937)** – E2; 20-30 m; 1; ees; ? tes; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Helicophagella*) *maculata* Meigen, 1835** [*Bellieria*] – O61, R2, BN, BS; 0-1800 m; 1, 2, 3, 4; ? wcp, ? sp; Gregor & Povolny 1959; Verves 1986; Lavčiev & Jovčev 1978; Povolný & Verves 1990.

***Sarcophaga* (*Helicophagella*) *melanura* Meigen, 1826** [*Bellieria*] – ▲; ♦; DW, DM, E2, B3, V1, V3, V4, S1, TL, O61, R1, RW, RE, BN, BS; 0-1200 m; 1, 2, 3; hpt; Jacentkovsky 1936, 1937; Drensky 1955, 1957; Valerianov 1961; Lavčiev 1965a, 1965d, 1980; Lavčiev & Jovčev 1978; Povolný & Verves 1990; Beschovski 2004a; Pape & Beuk 2017.

***Sarcophaga* (*Helicophagella*) *noverca* Rondani, 1860** [*Bellieria*] – V4, R1, R4; 600-1600 m; 2, 3, 4; e; Jacentkovsky 1936, 1937; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Helicophagella*) *novercoides* Bottcher, 1913** [*Bellieria*] – O62, R2; 90 m, 1200-2200 m; 1, 3, 4, 5; ena; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Helicophagella*) *rosellei* Bottcher, 1912** [*Bellieria*] – B1, V4, R1; 400-1700 m; 1, 2, 3, 4; des; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Krameromyia*) *anaces* Walker, 1849** – R1; 530-670 m; 1, 2; ena; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Mehria*) *sexpunctata* (Fabricius, 1805)** [*Thyrsocnema clathrata* Meigen, 1826] – E2, K4; 30-1000 m; 1, 2; tp; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Mehria*) *nemoralis* Kramer, 1908** [*Pierretia*] – P1; 570-590 m; 1; tes, ? des; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Myorhina*) *nigriventris* Meigen, 1826** [*Pierretia*, *Thyrsocnema*] – DM, B2, S1, R2, BS; 0-2400 m; 1, 2, 3, 4, 5; dp; Nedelkov 1912; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Myorhina*) *socrus* Rondani, 1860** [*S. rostrata* Pandellé, 1896; *Pierretia*; *Thyrsocnema*] – E1, S1, TL, R2, RW, BS; 0-2000 m; 1, 2, 3, 4; e; Jacentkovsky 1936, 1937; Drensky 1957; Verves 1986; Povolný & Verves 1990; Beschovski 2006a; Pape & Beuk 2017.

***Sarcophaga* (*Myorhina*) *soror* Rondani, 1860** [*Thyrsocnema*] – K9, R2; 500-2200 m; 1, 2, 3, 4, 5; e; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Myorhina*) *villeneuvei* Bottcher, 1912** [*Thyrsocnema*] – DW, E2; 50-140 m; 1; des; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Kramerella*) *granulata* Kramer, 1908** [*Thyrsocnema*] – E2, B1; 50-400 m; 1; e; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Sarcotachinella*) *sinuata* Meigen, 1826** [*Arhopocnemis*] – E2, R2; 50-1810; 1, 2, 3, 4; h; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Thyrsocnema*) *incisilobata* Pandellé, 1896** [? *S. striata* Fabricius, 1794] – ♦; E2, B3, V1, V3, V4, S1, TL, R1, RW, RE, BS; 0-1000 m; 1, 2; tp; ? Joakimoff 1899; Jacentkovsky 1936, 1937; Drensky 1957; Verves 1986; Povolný & Verves 1990; Beschovski 2004a, 2006a; Pape & Beuk 2017.

***Sarcophaga* (*Thyrsocnema*) *kentejana* (Rohdendorf, 1937)** – V4; 1800-1900 m; 4; ho, bm; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Discachaeta*) *arcipes* Pandellé, 1896** [*Pierretia*] – E1, K9; 165-680 m; 1; e; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Discachaeta*) *cucullans* Pandellé, 1896** [*D. jacentkovskyi* Enderlein, 1936; *Pierretia*] – E1, O62; 160-190 m; 1; csean; Enderlein, 1936; Jacentkovsky 1936, 1937; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Discachaeta*) *pumila* Meigen, 1826** [*Pierretia*] – O62, R3; 420 m; 1; e; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *ancilla* Rondani, 1865** [*Pierretia*] – DW, BN; 0-50 m; 1; cse; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *balanina* Pandellé, 1896** [*Heteronychia*, *Pierretia*] – K9, O5, O62; 380-670 m; 1; se; Drensky 1957; Povolný & Verves 1990.

***Sarcophaga* (*Heteronychia*) *benaci* Bottcher, 1913** [*Pierretia*] – V4, S1, O61, R1, RW; 500-1600 m; 1, 2, 3, 4; cse; Jacentkovsky 1936, 1937; Drensky 1957; Povolný & Verves 1990; Beschovski 2006a; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *bulgarica* (Enderlein, 1936)** [*Helicobia*; *Pierretia* (*Pierretia*) *boettcheriana* Rohdendorf, 1937;] – DM, E1, E2, V4, S1, BN; 0-1200 m; 1, 2, 3; e; Enderlein 1936; Jacentkovsky 1936, 1937, 1939; Buresch 1953a; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *consanguinea* Rondani, 1860** [*Heteronychia* (*Eupierretia*) *atanassovi* Lehrer, 1977; *Pierretia* (*Eupierretia*) *portschinskyana* Rohdendorf, 1937] – E1, R3; 160-1700 m; 1, 2, 3, 4; sena; Lehrer, 1977; Verves 1986; Povolný & Verves 1990; Whitmore 2011; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *depressifrons* Zetterstedt, 1845** [*S. arvorum* (Rondani, 1860); *Pierretia* (s.str.) *obscurata* Rohdendorf, 1937; ? *S. rondaniana* (Rohdendorf, 1937)] – DW, O61; 30-320 m; 1; po; Jacentkovsky 1936, 1937; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *dissimilis* Meigen, 1826** [*S. offuscata* Meigen, 1826; *Pierretia*] – DW, E2, K4, V4, O62, R1, RW; 30-1600 m; 1, 2, 3, 4; des; Nedelkov 1912; Jacentkovsky 1936, 1937; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *enderleini* Jacentkovský, 1937** – RW; 360-400 m; 1; se; Jacentkovsky 1937; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *filia* Rondani, 1860** [*Pierretia*] – DW, E1, K9, O61, RW, BS; 0-600 m; 1; e; Jacentkovsky 1936, 1937; Drensky 1957; Povolný & Verves 1990; Beschovski 2006a; Whitmore 2011; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *haemorrhoa* Meigen, 1826** [*Pierretia*] – B1, V1, S1; 270-900 m; 1, 2; e; Nedelkov 1912; Jacentkovsky 1936, 1937; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *haemorrhoides* Böttcher, 1913** – E1, RW, BN; 0-120 m; 1; wesan; Drensky 1957; Verves 1986; Povolný & Verves 1990; Beschovski 2006a; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *infantilis* Bottcher, 1913** [*S. bezziana* Böttcher, 1913; ? *Heteronychia* (*Heteronychia*) *drenskiana* Lehrer, 1977] – V4, R1, R2; 600-2200 m; 1, 2, 3, 4, 5; e; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *lacrymans* Villeneuve, 1912** [*Sarcophaga* (*Heteronychia*) *thalhammeri* Böttcher, 1913; *Pierretia*] – E1, RW, BN; 0-400 m; 1; em; Jacentkovsky 1936, 1937; Drensky 1957; Povolný & Verves 1990; Whitmore 2011; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *minima* Rondani, 1862** [*Sarcophaga* (*Heteronychia*) *fertoni* Villeneuve, 1911; *Pierretia* (*Bercaea*) *graeca* Rohdendorf, 193] – O62, R3; 420-2180 m; 1, 4, 5; csena; Drensky 1957; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *mutila* Villeneuve, 1912** [*Heteronychia* (*Boettcherella*) *nedelkoffi* Lehrer, 1977; *S. setinervis* var. *mutila* Villeneuve, 1912] – E1, B1, V1, S1, R2; 130-2400 m; 1, 2, 3, 4, 5; see; Jacentkovsky 1936, 1937; Drensky 1957; Lehrer, 1977; Verves 1986; Povolný & Verves 1990; Whitmore 2011; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *pauciseta* Pandellé, 1896** – RW; 360-400 m; 1; wces; Jacentkovsky 1936, 1937; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *pontica* (Rohdendorf, 1937)** [*Pierretia*] – BS; 0-5 m; 1; ee; Drensky 1957, 1960; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

Sarcophaga (*Heteronychia*) *porrecta* Bottcher, 1913 [*Heteronychia* (*Eupierretia*) *bulgariensis* Lehrer, 1977] – R1, R2; 520-2200 m; 1, 2, 3, 4, 5; se, m; Lehrer, 1977; Verves 1986; Povolný & Verves 1990; Whitmore 2011; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *proxima* Rondani, 1860** [*Pierretia*] – DW, P2, K4, O61, O62; 30-1000 m; 1, 2; wesca; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *pseudobenaci* (Baranov, 1942)** [*Heteronychia* (*Heteronychia*) *drenskiana* Lehrer, 1977] – V4; Eb; Lehrer 1977; Whitmore 2011.

? *Sarcophaga* (*Heteronychia*) *rondaniana* (Rohdendorf, 1937) [*Pierretia*] – O5, O62; 180-460 m; 1; e; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *schineri* Bezzi, 1891** [*Pierretia*] – P2, B1, R1; 200-1600 m; 1, 3, 4; e; Jacentkovsky 1936, 1937; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *setinervis* Rondani, 1860** – E1, S1; 130-270 m; 1; mwca; Jacentkovsky 1936, 1937; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *siciliensis* Böttcher, 1913** [*Pierretia*] – BS; 0-5 m; 1; sena; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

? *Sarcophaga* (*Heteronychia*) *tenuiforceps* Böttcher, 1913 [*S. benaci* var. *tenuiforceps* Böttcher, 1913; ? = *Sarcophaga* (*Heteronychia*) *benaci* Böttcher, 1913] – RW; 370-400 m; 1; se; Jacentkovsky 1936, 1937; Drensky 1957; Whitmore 2011.

***Sarcophaga* (*Heteronychia*) *vagans* Meigen, 1826** [*S. frenata* Pandellé, 1896; *Pierretia*] – DW, DM, P1, P2, V1, TL, R1, RW, BN, BS; 0-1800 m; 1, 2, 3, 4; hoes; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937; Drensky 1957; Verves 1986; Povolný & Verves 1990; Beschovski 2006a; Pape & Beuk 2017.

***Sarcophaga* (*Heteronychia*) *vicina* Macquart, 1835** [*S. ebrachiata* Pandellé, 1896; *Pierretia*] – K9, R2; 670-2400 m; 2, 5; e; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Bercaea*) *africa* (Wiedemann, 1824)** [*Coprosarcophaga haemorrhoidalis* Fallén, 1817; *Bercaea cruentata* (Meigen, 1826); *Pierretia*] – ▲; ♦; DW, DM, E2, P2, B1, B3, K9, V1, V3, V4, S1, TL, O61, O62, R5, RW, RE, BN, BS; 0-1500 m; 1, 2, 3, 4; sk; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937; Drensky 1955, 1957, 1960; Vesselinov & Gabev 1956; Gregor & Povolny 1959; Valerianov 1961; Lavčiev 1965a, 1965d, 1980; Lavčiev & Jovčev 1978; Verves 1986; Povolný & Verves 1990; Beschovski 2006a; Pape & Beuk 2017.

***Sarcophaga* (*Kramerea*) *schuetzei* Kramer, 1909** – E2; 10-30 m; 1; po; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Pandelleana*) *protuberans* Pandellé, 1896** – O62, R2, R3; 400-2200 m; 1, 2, 3, 4, 5; wesca; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Liopygia*) *argyrostoma* (Robineau-Desvoidy, 1830)** [*Parasarcophaga barbata* (Thomson, 1869)] – V1, O62, R5, BN, BS; 0-600 m; 1; sk; Drensky 1957; Surbova 1965; Lavčiev 1980; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Liopygia*) *crassipalpis* Macquart, 1839** [*Parasarcophaga securifera* (Villeneuve, 1908)] – B2, O62, BN, BS; 0-1100 m; 1, 2, 3; k; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Varirosellea*) *uliginosa* Kramer, 1908** [*Parasarcophaga*] – E1, BN; 40-50 m; 1; h, i; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Liosarcophaga*) *aegyptica* Salem, 1935** [*Parasarcophaga parkeri* Rohdendorf, 1937] – E1, P2, BN, BS; 0-250 m; 1; sppt; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Liosarcophaga*) *emdeni* (Rohdendorf, 1969)** – O61; 400 m; 1; weswca; Gregor & Povolny 1959; Verves 1986; Povolný & Verves 1990; Pape 1996; Pape & Beuk 2017.

***Sarcophaga* (*Liosarcophaga*) *dux* Thomson, 1869** [*Parasarcophaga exuberans* Pandellé, 1896; ? *S. tuberosa* var. *exuberans* Pandellé, 1896] – TL, O61, BN, BS; 0-400 m; 1; sppta; Jacentkovsky 1936, 1937; Drensky 1957; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Liosarcophaga*) *harpax* Pandellé, 1896** [? *S. tuberosa* var. *harpax* Pandellé, 1896; *Parasarcophaga*] – DM, V1, S1, TL, R1, RW, BN; 0-1600 m; 1, 2, 3, 4; po; Jacentkovsky 1936, 1937; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Liosarcophaga*) *jacobsoni* (Rohdendorf, 1937)** [*S. tuberosa* var. *exuberans* Pandellé, 1896; *Parasarcophaga*] – S1, O61, O62, R1, R3, R5, RW, BN; 0-400 m; 1; tp; Jacentkovsky 1936, 1937, 1939; Drensky 1957; Gregor & Povolny 1959; Verves 1986; Povolný & Verves 1990; Beschovski 2006a; Pape & Beuk 2017.

***Sarcophaga* (*Liosarcophaga*) *portschinskyi* (Rohdendorf, 1937)** [*S. tuberosa* var. *harpax* Pandellé, 1896; *Parasarcophaga*] – E1, S1, O61, BN, BS; 0-400 m; 1; po; Jacentkovsky 1939; Drensky 1957, 1960; Gregor & Povolny 1959; Verves 1986; Povolný & Verves 1990; Pape 1996; Pape & Beuk 2017.

***Sarcophaga* (*Liosarcophaga*) *teretirostris* Pandellé, 1896** – E1, S1, RW; 120-500 m, 1; ena; Jacentkovsky 1936, 1937; Verves 1986; Pape 1996; Beschovski 2004a.

***Sarcophaga* (*Liosarcophaga*) *tibialis* Macquart, 1851** [*Parasarcophaga beckeri* (Villeneuve, 1908)] – TL, RW, RE, BN, BS; 0-400 m; 1; sppta; Jacentkovsky 1936, 1937; Drensky 1957; Povolný & Verves 1990; Beschovski 2004a, 2006a.

***Sarcophaga* (*Liosarcophaga*) *tuberosa* Pandellé, 1896** – DW, DM, E1, E2, P1, B1, B3, S1, TL, O61, BS; 0-500 m; 1; ho; Jacentkovsky 1936, 1937; Drensky 1957, 1960; Verves 1986; Povolný & Verves 1990; Pape 1996; Pape & Beuk 2017.

***Sarcophaga* (*Pandelleisca*) *similis* Meade, 1876** [*Parasarcophaga*] – TL, T31, BS; 0-200 m; 1; po; Jacentkovsky 1936, 1937; Drensky 1957; Povolný & Verves 1990; Pape 1996; Pape & Beuk 2017.

***Sarcophaga* (*Parasarcophaga*) *albiceps* Meigen, 1826** – DW, DM, E1, E2, B1, B3, K8, K9, V1, V3, V4, S1, TL, T1, O61, R1, RW, RE, BN, BS; 0-1400 m; 1, 2, 3; hoa, ? poa; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937; Drensky 1955, 1957; Gregor & Povolny 1959; Povolný & Verves 1990; Pape 1996; Beschovski 2004a; Pape & Beuk 2017.

***Sarcophaga* (*Parasarcophaga*) *hirtipes* Wiedemann, 1830** – S1, R2; 360-450 m; 1; sppt, ? swppt; Povolný & Verves 1990; Pape 1996; Pape & Beuk 2017.

***Sarcophaga* (*Rosellea*) *aratrix* Pandellé, 1896** [*Parasarcophaga*] – E1, V1, T31, BN, BS; 0-600 m; 1; h; Jacentkovsky 1936, 1937; Drensky 1957; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Robineauella*) *caerulescens* Zetterstedt, 1838** [*S. scoparia* Pandellé, 1896; *Parasarcophaga*] – V4, R1; 520-1600 m; 1, 2, 3, 4; ho; Jacentkovsky 1936, 1937; Drensky 1957; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Sarcophaga*) *baranoffi* Rohdendorf, 1937** [*S. subvicina baranoffi* Rohdendorf, 1937] – K9; se, ? Ebs; Drensky 1957; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Sarcophaga*) *bergi* Rohdendorf, 1937** [*S. subvicina* ssp. *bergi* Rohdendorf, 1937] – S1; 270-370 m; 1; em; Jacentkovsky 1936, 1937; Drensky 1957; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Sarcophaga*) *carnaria* (Linnaeus, 1758)** [*S. subvicina vulgaris* Rohdendorf, 1937; *S. carnaria* var. *latipennis* Jacentkovsky, 1937] – ♦; DM, E2, P1, P2, B1, V1, V4, S21, S22, TL, RW, BS; 0-1480 m; 1, 2, 3, 4; esca, ? hno; Kovachev 1905; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937, 1939; Drensky 1942, 1955, 1957, 1960; Buresch 1953a; Vesselinov & Gabev 1956; Gregor & Povolny 1959; Gospodinov 1963; Lavčiev 1965a, 1965d, 1980; Surbova 1965; Lavčiev & Jovčev 1978; Verves 1986; Povolný & Verves 1990; Pape 1996; Pape & Beuk 2017.

***Sarcophaga* (*Sarcophaga*) *lehmanni* Müller, 1922** [S. *carnaria meridionalis* Rohdendorf, 1937] – DW, E2, TL, T31; 30-160 m; 1; wp; Jacentkovsky 1939; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Sarcophaga*) *serbica* Baranov, 1929** – S1; 260-300 m; 1; see; Jacentkovsky 1939; Drensky 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Sarcophaga*) *subvicina* Rohdendorf, 1937** [*S. vicina* Villeneuve, 1899] – DM, E2, V4; 100-850 m; 1, 2; ewca; Jacentkovsky 1936, 1937; Drensky 1955, 1957; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Sarcophaga*) *ukrainica* Rohdendorf, 1937** – P1; 580-600 m; 1; see; Povolný & Verves 1990.

***Sarcophaga* (*Sarcophaga*) *variegata* (Scopoli, 1763)** – R2; 600 m; 1; tp; Gregor & Povolny 1959; Verves 1986; Povolný & Verves 1990; Pape & Beuk 2017.

***Sarcophaga* (*Sarcophaga*) *vitoschana* (Enderlein, 1936)** [*Sarcotachinella*] – V4; 750-800 m; 2; Ebg; Enderlein 1936; Jacentkovsky 1936, 1937; Buresch 1953a; Drensky 1957; Pape 1996.

***Sarcophaga balcanica* (Enderlein, 1936)** [*Jacentkovskya*] – S1; 276 m; 1; Ebg; Enderlein, 1936; Jacentkovsky 1936, 1937; Drensky 1957.

Rhinophoridae

***Morinia doronici* (Scopoli, 1763)** [*Anthracomyia melanoptera* Fallén, 1817] – V1; 600 m; 1; e; Nedelkov 1912.

***Stevenia atramentaria* (Meigen, 1824)** [*S. melania* Meigen 1826] – V1, V4, TL, BN; 0-1000 m; 1, 2; ean; Löw 1862; Nedelkov 1912; Cerretti et al. 2020.

***Stevenia lateralis* (Macquart, 1849)** – RW; 350-400 m; 1; sena; Jacentkovsky 1936, 1937.

***Stevenia pannonica* Villeneuve, 1919** – RW; 400 m; 1; see; Jacentkovsky 1937; Beschovski 2006a.

***Stevenia signata* (Mik, 1886)** [*S. femoralis* Stein, 1924; not Rondani, 1862] – O61; 300-320 m; 1; nm, ? nem; Jacentkovsky 1937.

***Stevenia umbratica* (Fallén, 1820)** – R1; 900-1100 m; 2, 3; ena; Jacentkovsky 1936, 1937.

***Rhinophora lepida* (Meigen, 1824)** – ♠; e; Verves et al. 2019; Cerretti et al. 2020.

***Phyto melanocephala* (Meigen, 1824)** – O61, RW; 300-400 m; 1; ena; Jacentkovsky 1937.

Oestridae

***Oestrus ovis* Linnaeus, 1758** – ▲; ♦; V1, TL, RE, BS; 0-1000 m; 1, 2; k; Nedelkov 1910, 1912; Drensky 1928, 1933, 1939a, 1960; Paschev 1937; Beschovski 2004a.

***Rhinoestrus purpureus* (Brauer, 1859)** – ▲; V1, TL, BN, BS; 0-600 m; 1; ppt; Drensky 1933.

Hypodermatidae

***Hypoderma actaeon* Brauer, 1858** – ▲; E1; 20-30 m; 1; csee; Drensky 1933.

***Hypoderma bovis* (Linnaeus, 1758)** – ▲; ♦; E2, V1, S1, R1, BS; 0-1300 m; 1, 2, 3; k; Raykov 1908; Nedelkov 1910, 1912; Drensky 1928, 1933, 1934c, 1955, 1960; Kitanov 1943; Zenginov 1949; Popov & Bankov 1961.

***Hypoderma diana* Brauer, 1858** – ▲; E1, RW; 20-750 m; 1, 2; esca; Drensky 1933.

***Hypoderma lineatum* (Villers, 1789)** – ▲; K9, S1; 200-600 m; 1; ho; Löw 1863; Drensky 1933; Zenginov 1949.

Gasterophilidae

***Gasterophilus haemorrhoidalis* (Linnaeus, 1758)** – ▲; ♦; V1, O62, R1; 100-1400 m; 1, 2, 3; sk, ? k; Drensky 1932c, 1933.

***Gasterophilus inermis* (Brauer, 1858)** – ▲; ♦; hat, ? pat; Drensky 1933.

***Gasterophilus intestinalis* (De Geer, 1776)** – ▲; ♦; E2, V1, O62, R1; 20-1400 m; 1, 2, 3; k; Joakimoff 1899; Kovachev 1905; Nedelkov 1910, 1912; Drensky 1928, 1932c, 1933, 1934c, 1955.

***Gasterophilus pecorum* (Fabricius, 1794)** – ▲; ♦; V1, O62, R1; 100-1400 m; 1, 2, 3; ppt; Drensky 1932c, 1933.

Tachinidae

***Exorista* (*Exorista*) *larvarum* (Linnaeus, 1758)** [*Tachina*] – DW, DM, E2, P1, P2, B1, B3, V1, V4, S1, TL, T31, O5, R1, R2, R3, RW, RE, BN, BS; 0-1250 m; 1, 2, 3; ho; Tschorbadjiew 1925g, 1933; Burgess & Crossman 1929; Drensky & Zacharieva-Stoilova 1951; Drensky 1955; Karnožitzky 1957; Stefanov 1959; Dochkova 1971; Ganchev 1972, 1975, 1980; Mamoon 1978a, 1978b; Trenchev 1980d; Hubenov 1980b, 1983a, 1985a, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Zaharieva 1982, 1983; Tsankov 1985; Ziegler 1989; Georgiev 1996b; Zacharieva-Pentcheva & Georgiev 1997.

***Exorista* (*Exorista*) *segregata* (Rondani, 1859)** [*E. fasciata* (Fallén, 1820); *Trycholyga*] – DW, DM, E1, P1, P2, B1, B3, S1, TL, RE, BS, +++; 0-800 m; 1, 2; mca; Burgess & Crossman 1929; Russkoff 1929-1930; Tschorbadjiew 1933; Karnožitzky 1957; Ganchev 1972, 1975; Mamoon 1978b; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b.

***Exorista* (*Podotachina*) *grandis* (Zetterstedt, 1844)** [*E. sorbillans* (Wiedemann, 1830); *Trycholyga*] – B1, V1, V4, S1, O5, O62, R2, R3; 150-1100 m; 1, 2, 3; ei, ? wp, ess; Tschorbadjiew 1925g, 1928c; Keremidchiev 1954; Ganchev 1975; Mamoon 1978b; Hubenov 1985a, 1985b, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015c, 2018, 2019a; Beschovski & Hubenov 1986.

***Exorista* (*Podotachina*) *sorbillans* (Wiedemann, 1830)** [*Trycholyga grandis* (Zetterstedt, 1844)] – V1, O5, O62, R2, R3; 200-1200 m; 1, 2, 3; sppta; Hubenov 1980b, 1985a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1996a, 2008a, 2008b, 2015b, 2015c, 2017; Beschovski & Hubenov 1986.

***Exorista* (*Thrycholyga*) *nova* (Rondani, 1859)** – V1, V4, BS; 550-1120 m; 1, 2, 3; mwca, ? wp; Lavčiev et al. 1977; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b, 2018.

***Exorista* (*Ptilotachina*) *civilis* (Rondani, 1859)** – E1, V1, BS; 0-600 m; 1; spo, ? po; Hubenov 1977, 1980b, 1985a, 1992b, 1993a, 1993b, 2001b, 2008a, 2008b; Ziegler 1989.

***Exorista* (*Ptilotachina*) *deligata* Pandelle, 1896** [*E. aberrans* (Strobl, 1893); *Trycholyga*] – V1, S1; 260-600 m; 1; wp; Jacentkovsky 1936, 1937; Lavčiev et al. 1977; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b.

***Exorista* (*Ptilotachina*) *xanthaspis* (Wiedemann, 1830)** [*E. fallax* Meigen 1824] – E2, V1, S1; 30-750 m; 1, 2; ppta; Nikolova 1972; Hubenov 1980b, 1985a, 1992b, 1993a, 1993b, 2008a, 2008b; Trenchev 1980d.

***Exorista* (*Adenia*) *mimula* (Meigen, 1824)** [*E. erucarum* (Rondani, 1859); *E nigricans* (Egger, 1861); *E. pratensis* (Robineau-Desvoidy, 1830); *Eutachina*, *Microtachina*, *Tachina*] – B1, V1, V4, S1, TL, O5, O61, O62, R1, R2, R3, RW, RE, BS; 0-1300 m; 1, 2, 3; ho; Nedelkov 1912; Drensky 1931c; Tschorbadjiew 1933; Jacentkovsky 1936, 1937; Lavčiev et al. 1977; Zaharieva 1982, 1983; Hubenov 1983a, 1985a. 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Exorista* (*Adenia*) *rustica* (Fallén, 1810)** [*Eutachina*, *Tachina*] – E2, B1, V1, V4, S1, O3, O5, O61, O62, R1, R2, R3, RW, RE, BN, BS; 0-1600 m; 1, 2, 3; po; Jacentkovsky 1936, 1937; Belanovsky 1953; Drensky 1955; Nikolova 1946, 1972; Popov 1978; Hubenov 1985a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Neophryxe vallina* (Rondani, 1861)** – S23; 500 m; 1; csena; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; Lutovinovas et al. 2022.

***Chetogena acuminata* Rondani, 1859** [*Spoggosia*, *Stomatomyia*, *Stomatomyiopsis*] – B2, S1, O61, R1, RW; 270-1350 m; 1, 2, 3; ppt; Jacentkovsky 1936, 1937; Belanovsky 1953; Hubenov 1992b, 1993a, 1993b, 1996b, 2006, 2008a, 2008b, 2016, 2017.

***Chetogena fasciata* (Egger, 1856)** [*Spoggosia*] – S211; 750-900 m; 2; des, ? ess; Trenchev 1980d; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Chetogena filipalpis* Rondani, 1859** [*Stomatomyia*] – V4, O5, R1, R2, R3, RW; 450-1600 m; 1, 2, 3; csewca; Jacentkovsky 1936, 1937; Hubenov 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018.

***Chetogena nigrofasciata* (Strobl, 1902)** – ♠; swpat; O'Hara et al. 2020.

***Chetogena obliquata* (Fallén, 1810)** [*Spoggosia echinura* (Robineau-Desvoidy, 1830)] – B1, B2, V4, S211, O5, R2, R3, R4, RW, RE; 500-1200 m; 1, 2, 3; wcp, ? tp; Hubenov 1980a, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2017, 2018; Trenchev 1980d.

***Diplostichus janitrix* (Hartig, 1838)** [*Chetogena*] – TL, RE; 200 m; 1; des; Georgiev 1996a; Hubenov 2001b, 2004, 2008a, 2008b, 2018; O'Hara et al. 2020.

***Parasetigena silvestris* (Robineau-Desvoidy, 1863)** [*P. agilis* (Stein, 1924), not Robineau-Desvpidy, 1830; *P. segregata* Brauer and Bergenstamm, 1891, not Rondani, 1859; *Phorocera*] – DW, E1, P1, P2, B1, B3, V4, S1, O5, R1, R2, BS; 0-1400 m; 1, 2, 3, 4; h; Nedelkov 1912; Burgess & Crossman 1929; Tschorbadjiew 1933; Keremidchiev 1951; Karnožitzky 1957; Stefanov & Keremidchiev 1961; Ganchev 1972, 1975; Mamoon 1978a, 1978b; Trenchev 1980d; Hubenov 1985a, 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Phorocera assimilis* (Fallén, 1810)** – DM, B1, V4, S211, O1, O5, O61, R1, R2, RW, BN; 0-1400 m; 1, 2, 3, 4; tp; Nedelkov 1912; Dochkova 1971; Zonati 1978; Trenchev 1980d; Hubenov 1985a, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2001b, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Phorocera grandis* (Rondani, 1859)** – V4, O5, R1, R2, RW; 350-1000 m; 1, 2; dpo; Hubenov 1980b, 1983a, 1985a, 1992a, 1992b, 1993a, 1993b, 1995a, 1996a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018.

***Phorocera obscura* (Fallén, 1810)** – B1, V4, S211, O1, O5, O62, R1, R2, R3, R4, RW, RE; 200-1300 m; 1, 2, 3; des, ? dp; Lavčiev et al. 1977; Mamoon 1978b; Hubenov 1985a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Phorinia aurifrons* Robineau-Desvoidy, 1830** – ♠; dpo; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Bessa parallela* (Meigen, 1824)** [*B. fugax* (Rondani, 1861)] – E1, V1, S211, O5; 280-850 m; 1, 2; po; Ganchev 1977; Mamoon 1978b; Trenchev 1979, 1980d; Hubenov 1985a, 1992b, 1993a, 1993b, 1995a, 2001b, 2008a, 2008b, 2015c.

***Bessa selecta* (Meigen, 1824)** – DW, V4, S211, O62, R2; 200-1300 m; 1, 2, 3; hoes; Popov 1956; Trenchev 1979, 1980d; Hubenov 1985a, 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 2001b, 2008a, 2008b, 2015b, 2017; Beschovski & Hubenov 1986.

***Belida angelicae* (Meigen, 1824)** [*Aporotachina*] – V4, R2, R3; 1250 m; 3; tp; Hubenov 1980a, 1988c, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2017, 2018.

***Meigenia dorsalis* (Meigen, 1824)** [*M. pilosa* Baranov, 1926] – B1, V1, V4, S1, S211, O5, O61, O62, R1, R2, R3, R5, RW, BN, BS; 0-1600 m; 1, 2, 3, 4; po; Jacentkovsky 1936, 1937; Trenchev 1980d; Hubenov 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Meigenia incana* (Fallén, 1810)** – T31; 70-100 m; 1; po; Jacentkovsky 1936, 1937; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Meigenia majuscula* (Rondani, 1859)** – R1; 1100 m; 3; po; Jacentkovsky 1936, 1937; Nikolova 1972; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2016, 2017.

***Meigenia mutabilis* (Fallén, 1810)** [*M. bisignata* (Meigen, 1824)] – B1, V1, V4, S1, S211, TL, O5, O61, O62, R1, R2, R3, RW, RE, BN, +++; 50-2400 m; 1, 2, 3, 4, 5; wcp; Jacentkovsky 1936, 1937; Gruev 1969, 1972, 1973; Kaytazov 1971b; Tomov 1974; Lavchiev et al. 1977; Trenchev 1980d; Hubenov 1985a, 1988c, 1990,

1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1996a, 1996b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Meigenia uncinata* Mesnil, 1967** – O61, O62; 200-400 m; 1; wces; Tomov 1971, 1974; Hubenov 1985a, 1985b, 1988a, 1988b, 1992b, 1993a, 1993b, 1999, 2001a, 2008a, 2008b; Beschovski & Hubenov 1986.

***Conogaster pruinosa* (Meigen, 1824)** – B1; 740-1400 m; 2, 3; csess, ? esca; Hubenov 1977, 1992b, 1993a, 1993b, 2008a, 2008b.

***Zaira cinerea* (Fallén, 1810)** [*Viviania*] – P1, B1, V4, S1, O5, O62, R2, R3, RW, RE, BN; 100-1400 m; 1, 2, 3; tp; Jacentkovsky 1936, 1937; Trenchev 1980d; Hubenov 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Gastrolepta anthracina* (Meigen, 1826)** [*Medoria*] – S1; 260-300 m; 1; wp; Jacentkovsky 1936, 1937; Belanovsky 1953; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Steleoneura czernyi* Stein, 1924** [*Villeneuvenia elegans* Jacentkovsky, 1937] – R1; 350-500 m; 1; mca; Jacentkovsky 1937; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2016, 2017.

***Medina collaris* (Fallén, 1820)** – V4, R2; 700-900 m; 2; po; Hubenov 1983a, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2017, 2018.

***Medina luctuosa* (Meigen, 1824)** [*Degeeria*] – V4, O5, R1, R2; 700-1300 m; 1, 3; po; Jacentkovsky 1936, 1937; Belanovsky 1953; Hubenov 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018.

***Medina separata* (Meigen, 1824)** – ♠; tes; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Istocheta cinerea* (Macquart, 1850)** – ♠; csena, ? hom, swp; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Lecanipa bicincta* (Meigen, 1824)** – V4, O5, R2; 800-1400 m; 2, 3; wces; Hubenov 1982a, 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2017, 2018.

***Lecanipa leucomelas* (Meigen, 1824)** – O5; 800-1300 m; 2, 3; e; Hubenov 1982a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015c.

***Admontia grandicornis* (Zetterstedt, 1849)** – B2, R2; 730-2000 m; 2, 3, 4; ho; Lutovinovas et al. 2022.

***Admontia maculisquama* (Zetterstedt, 1859)** [*Trichoparia*] – V4, O5; 720-1900 m; 2, 3, 4; des; Hubenov 1982a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015c, 2018.

***Admontia podomyia* Brauer & Bergenstamm, 1889** [*Trichoparia*] – B2, O5, R1, R2; 720-2300 m; 2, 3, 4, 5; dpo, bm; Hubenov 1982a, 1992a, 1992b, 1993a, 1993b, 1995a, 1996a, 1996b, 2008a, 2008b, 2015b, 2015c, 2016, 2017.

***Oswaldia muscaria* (Fallén, 1810)** – B1, V4, R2; 1100-1250 m; 3; dpo; Hubenov 1990, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2017, 2018, 2019a.

***Oswaldia spectabilis* (Meigen, 1824)** [*O. albisquama* (Zetterstedt, 1844)] – B1, V1, V4, O5, R1, R2, RW; 850-1400 m; 2, 3; wes; Hubenov 1977, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Lomachantha parra* Rondani, 1859** – V4, R2, R3; 1100-1400 m; 3; ? wp; Hubenov 1980a, 1988c, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2017, 2018.

***Ligeria angusticornis* (Loew, 1847)** – ♠; des; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Picconia incurva* (Zetterstedt, 1844)** – ♠; wcp; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Erynniopsis antennata* (Rondani, 1861)** [*E. rondanii* Townsend, 1926] – B1, V1, V4, TL, O5, O62, R1, R2, RW, RE; 150-1200 m; 1, 2, 3; mt, h*, i; Tomov 1971, 1974; Lavchiev et al. 1977; Hubenov 1985a, 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986; Tomov & Mitov 1987.

***Ligeriella aristata* (Villeneuve, 1911)** – V1, O61; 330-700 m; 1, 2; eca; Lavchiev et al. 1977; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b.

***Blondelia inclusa* (Hartig, 1838)** – DW, P1; 40-250 m; 1; po, ? dpo; Mamoon 1978b; Trenchev 1980d; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b.

***Blondelia nigripes* (Fallén, 1810)** [*Ceromasia*] – ♦; DW, DM, E1, E2, P1, P2, B1, B2, B3, V1, V3, V4, S1, S211, O5, O61, O62, R1, R2, R3, RW, RE, BN; 0-2400 m; 1, 2, 3, 4, 5; po, h*, i; Jacentkovsky 1936, 1937; Ganchev 1972, 1975, 1977, 1980; Nikolova 1972; Mamoon 1978a, 1978b; Zonati 1978; Trenchev 1980d; Hubenov

1983a, 1985a, 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1996a, 1996b, 1999, 2001a, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986; Mirchev et al. 1999.

***Compsilura concinnata* (Meigen, 1824)** – ♦; DW, E1, E2, P1, P2, B1, B2, B3, V1, V4, S1, TL, O5, O61, O62, R1, R2, R3, RW, RE, BN, BS; 0-1400 m; 1, 2, 3; hpta, sk, i; Russkoff 1929-1930; Tschorbadjiew 1933; Jacentkovsky 1936, 1937; Keremidchiev 1954, 1965; Karnožitzky 1957; Stefanov et al. 1958; Stefanov 1959; Ganchev 1972, 1975, 1980; Mamoon 1978a, 1978b; Zonati 1978; Hubenov 1980b, 1983a, 1985a, 1985b, 1990, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1999, 2001a, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Trenchev 1980d; Zaharieva 1982, 1983; Tsankov 1985; Beschovski & Hubenov 1986; Georgiev 1996b; Zaharieva-Pencheva & Georgiev 1997; Mirchev et al. 1999.

***Vibrissina debilitata* (Pandellé, 1896)** – B2; 1160 m; 3; dpo; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020; Lutovinovas et al. 2022.

***Vibrissina turrita* (Meigen, 1824)** – V4, S1, R2; 700-1400 m; 2, 3; dpo; Nikolova 1972; Hubenov 1985a, 1990, 1992a, 1992b, 1993a, 1993b, 1996a, 2008a, 2008b, 2015b, 2017, 2018.

***Acemya acuticornis* (Meigen, 1824)** – V4, R2, R3; 900-1350 m; 2, 3; tp; Hubenov 1980a, 1988c, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2017, 2018.

***Acemya rufitibia* (von Roser, 1840)** – ♠; des; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b.

***Ceracia mucronifera* Rondani, 1865** – ♠; ptm; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b.

***Ethilla aemula* (Meigen, 1824)** [*Aplomyia*] – B3; 500 m; 1; wcp; Jacentkovsky 1936, 1937; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Paratryphera barbatula* (Rondani, 1859)** [*P. hirtipilis* (Pandelé, 1896); *Chaetina*, *Exorista*] – B3, S1; 250-300 m; 1; po; Jacentkovsky 1936, 1937; Belanovsky 1953; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Atylomyia loewii* Brauer, 1898** – ♠; tp; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Smidtia amoena* (Meigen, 1824)** [*Nemosturmia*, *Timavia*] – V1, V4, O5, O62, R1, R2, R3, RW, BS; 0-1230 m; 1, 2, 3; po; Lavchiev et al. 1977; Hubenov 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018.

***Smidtia conspersa* (Meigen, 1824)** – ♠; dp; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Winthemia cruentata* (Rondani, 1859)** [*Tachina*] – V1, V4, RW; 600-1200 m; 1, 2, 3; dp, ? tp; Nedelkov 1912; Hubenov 1990, 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2018.

***Winthemia erythrura* (Meigen, 1838)** – B1, V1, V4; 300-900 m; 1, 2; wces; Nedelkov 1912; Trenchev 1980d; Hubenov 1990, 1992b, 1993a, 1993b, 2008a, 2008b, 2018.

***Winthemia quadripustulata* (Fabricius, 1794)** – DW, B1, B3, V1, V4, S1, O5, R1, R2; 30-1400 m; 1, 2, 3; ho; Popoff 1934; Jacentkovsky 1936, 1937; Dochkova 1871, 1972; Nikolova 1972; Mamoon 1978b; Trenchev 1980d; Hubenov 1985a, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1996a, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Winthemia variegata* (Meigen, 1824)** – K4; 800-1000 m; 2; e; Hubenov 1980b, 1992b, 1993a, 1993b, 2008a, 2008b.

***Nemorilla floralis* (Fallén, 1810)** – V1, V4, S1, TL, O5, O62, R2, RE, BN; 0-1200 m; 1, 2, 3; pat, ? hat; Jacentkovsky 1936, 1937; Nikolova 1967, 1972; Dochkova 1871, 1972; Mamoon 1978b; Trenchev 1980d; Ivanov & Savov 1982; Hubenov 1985a, 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 2001b, 2004, 2008a, 2008b, 2015b, 2015c, 2017, 2018; Beschovski & Hubenov 1986; Velcheva et al. 2010.

***Nemorilla maculosa* (Meigen, 1824)** – ♠; po; Ganchev 1977; Mamoon 1978b; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b; O'Hara et al. 2020.

***Aplomya confinis* (Fallén, 1820)** – E1, P1, B1, B2, V1, V4, S1, O5, O61, O62, R1, R2, R3, RW, RE; 100-1800 m; 1, 2, 3, 4; ppt; Nedelkov 1912; Jacentkovsky 1936, 1937; Lavchiev et al. 1977; Mamoon 1978b; Hubenov 1985a, 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1996b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Phebellia nigripalpis* (Robineau-Desvoidy, 1847)** [*Exorista agnata* Rondani, 1859; *Prooppia*] – V4, S22, TL, O5, R2, R3, RW, RE; 200-1400 m; 1, 2, 3; h; Nedelkov 1912; Hubenov 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2017, 2018; O'Hara et al. 2020.

***Phebellia pauciseta* (Villeneuve, 1908)** – ♠; e; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Ptesiomyia alacris* (Meigen, 1824)** [*Exorista crinita* Rondani, 1859] – S22, R3, R4; 1150-1500 m; 3; e; Nedelkov 1909; Hubenov 1988c, 1992b, 1993a, 1993b, 2008a, 2008b, 2015c.

***Nilea hortulana* (Meigen, 1824)** [*Platymyia*] – B1, V1, R1, RW, BS; 0-1000 m; 1, 2; hoes; Lavchiev et al. 1977; Hubenov 1985a, 1992b, 1993a, 1993b, 2006, 2008a, 2008b.

***Nilea innoxia* Robineau-Desvoidy, 1863** – S1; 480 m; 1; dp; Lutovinovas et al. 2022.

***Tlephusa cincinna* (Rondani, 1859)** [*Hubneria*] – V1, V4, R2, R3, RW; 600-1600 m; 1, 2, 3, 4; ess; Jacentkovsky 1936, 1937; Hubenov 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2017, 2018.

***Epicampocera succincta* (Meigen, 1824)** – B1, V1, V4, O5, R1, R2, R3, 600-1500 m; 2, 3; po; Jacentkovsky 1936, 1937; Belanovsky 1953; Hubenov 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Buquetia musca* Robineau-Desvoidy, 1847** – BN; 0-10 m; 1; po; Hubenov 1980b, 1985a, 1992b, 1993a, 1993b, 2008a, 2008b.

***Phryxe erythrostoma* (Hartig, 1838)** – RW; 1240 m; 3; wes; Hubenov 1980b, 1992b, 1993a, 1993b, 2006, 2008a, 2008b.

***Phryxe magnicornis* (Zetterstedt, 1838)** [*Ph. longicauda* Wainwright, 1940] – DW, TL, O61; 70-380 m; 1; hoes; Mamoon 1978b; Trenchev 1980d; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b.

***Phryxe nemea* (Meigen, 1824)** – B1, V1, V4, V5, TL, O1, O5, O62, R1, R2, R3, R4, RW, RE, BN; 150-1950 m; 1, 2, 3, 4; tp; Jacentkovsky 1936, 1937; Dochkova 1971, 1972; Mamoon 1978b; Trenchev 1980d; Hubenov 1985a, 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1999, 2001a, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Phryxe prima* (Brauer & Bergenstamm, 1889)** – V4, O5, R2, R3, RE; 700-1120 m; 2, 3; mwca; Hubenov 1980a, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2008a, 2008b, 2015b, 2015c, 2017, 2018.

***Phryxe unicolor* (Villeneuve, 1908)** – ♠; e; O'Hara et al. 2020.

***Phryxe vulgaris* (Fallén, 1810)** – E2, B1, B2, V1, V4, S211, TL, O5, O62, R1, R2, R3, RW, RE, BN; 100-2000 m; 1, 2, 3, 4; ho; Nedelkov 1912; Drensky 1955; Ganchev 1977; Mamoon 1978b; Trenchev 1980d; Hubenov 1983a, 1985a, 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1996a, 1996b, 1999, 2001a, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Periarchiclops scutellaris* (Fallén, 1820)** [*Prosopaea*] – R1, R3; 500-1100 m; 2, 3; wces; Jacentkovsky 1936, 1937; Belanovsky 1953; Mamoon 1978b; Hubenov 1988c, 1992b, 1993a, 1993b, 2008a, 2008b, 2015c, 2016, 2017.

***Bactromyia aurulenta* (Meigen, 1824)** – S211; 720-900 m; 2; dp, ? des; Mamoon 1978b; Trenchev 1980d; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Pseudoperichaeta nigrolineata* (Walker, 1853)** [*P. insidiosa* (Robineau-Desvoidy, 1863); *P. roseanae* Brauer et Bergenstamm, 1891; *P. major* Brauer & Bergenstamm, 1891; *Zenillia*] – DW, E1, B1, B3, V1, V4, R1, R2, R3, RW, RE; 40-1600 m; 1, 2, 3; po; Jacentkovsky 1937; Tsankov 1968, 1972, 1977, 1979, 1985; Hubenov 1980a, 1988c, 1992a, 1992b, 1993a, 1993b, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Pseudoperichaeta palesoidea* (Robineau-Desvoidy, 1830)** [*P. trizonata* (Zetterstedt, 1844); *P. hirta* (Bigot, 1880); *Anoxycampta*] – S1, O62, RW; 75-300 m; 1; wcp; Jacentkovsky 1936, 1937; Belanovsky 1953; Hubenov 1992b, 1993a, 1993b, 2001b, 2006, 2008a, 2008b.

***Catagonia aberrans* (Rondani, 1859)** [*Sisyropa*] – O62; 250-300 m; 1; dpo; Hubenov 1982a, 1988a, 1988b, 1992b, 1993a, 1993b, 2008a, 2008b.

***Lydella grisescens* Robineau-Desvoidy, 1830** [*L. senilis* (Rondani, 1861), not Meigen, 1838] – P2, B2, V4, S1, BS; 0-850 m; 1, 2; po; Nedelkov 1912; Tschorbadjiew 1930b, 1931, 1939b; Hubenov 1985a, 1990, 1992b, 1993a, 1993b, 2001b, 2008a, 2008b.

***Lydella stabulans* (Meigen, 1824)** [*Tachina doris* Meigena, 1824] – B1, V4, O5, R2, RW, RE; 350-1100 m; 1, 2, 3; esca; Nedelkov 1912; Hubenov 1983a, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2017, 2018, 2019a.

***Lydella thompsoni* Herting, 1959** – DW, DM, O62; 100-150 m; 1; h, i; Trenchev 1980d; Hubenov 1985a, 1985b, 1988a, 1988b, 1992b, 1993a, 1993b, 2008a, 2008b; Beschovski & Hubenov 1986.

***Chetina setigena* Rondani, 1856** [*Ch. ambivius* (Walker, 1849)] – B3, S1, O62; 100-500 m; 1; mwca; Jacentkovsky 1936, 1937; Hubenov 1985b, 1988a, 1988b, 1992b, 1993a, 1993b, 2008a, 2008b; Beschovski & Hubenov 1986.

***Cadurciella tritaeniata* (Rondani, 1859)** – V4, O5, O62, R2, RW, RE; 100-1450 m; 1, 2, 3, 4; dp; Hubenov 1983a, 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2017, 2018; Beschovski & Hubenov 1986.

***Drino atropivora* (Robineau-Desvoidy, 1830)** – B1, V1, V4, O3, O5, O62, R1, R2, R3, RW, RE; 100-1300 m; 1, 2, 3; sppta; Lavchiev et al. 1977; Hubenov 1980b, 1983a, 1985a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Drino gilva* (Hartig, 1838)** [*D. inconspicua* (Meigen, 1830); *Sturmia*] – E1, S1, BS; 10-300 m; 1; dp, ? dpat; Tschorbadjiew 1925g, 1928c; Keremidchiev 1954; Karnožitzky 1957; Ganchev 1975; Mamoon 1978b; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b.

***Drino inconspicua* (Meigen, 1830)** [*D. bimaculata* (Hartig, 1837); *Sturmia*] – DW, E1, P1, P2, B1, B2, B3, V4, TL, T1, T11, R1, R2, R3, R4, RW, RE, BN, BS; 0-1320 m; 1, 2, 3; po, ? ppt; Tschorbadjiew 1928c, 1928d; Keremidchiev 1954; Karnožitzky 1957; Stefanov & Keremidchiev 1961; Ganchev 1972, 1975; Mamoon 1978b; Hubenov 1985a, 1988c, 1992a, 1992b, 1993a, 1993b, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Tsankov 1985; Georgiev & Bochev 1996.

***Drino lota* (Meigen, 1824)** [*Carcelia*] – V1, V4, TL, O5, R2, R3, RE; 180-1300 m; 1, 2, 3; ppt; Nedelkov 1912; Hubenov 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2008a, 2008b, 2015b, 2015c, 2017, 2018.

***Drino vicina* (Zetterstedt, 1849)** [*D. gyrovaga* (Rondani, 1861); *Hemimasicera*, *Sturmia*] – V4, S1, O5, O61, R1, R2, R3; 200-1300 m; 1, 2, 3; wcp; Jacentkovsky 1936, 1937; Belanovsky 1953; Hubenov 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018.

***Thelyconychia solivaga* (Rondani, 1861)** – DW, V1, BN; 30-600 m; 1; ppt; Lavchiev et al. 1977; Trenchev 1980d; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b.

***Amelibaea tultschensis* (Brauer & Bergenstamm, 1891)** – ♠; dp; O'Hara et al. 2020.

***Huebneria affinis* (Fallén, 1810)** [*Exorista*] – E2, B1, B2, V1, V4, S1, T31, O5, O62, R1, R2, R3, RW, RE, BN; 0-2400 m; 1, 2, 3, 4, 5; ess, ? wces; Nedelkov 1912; Jacentkovsky 1936, 1937; Mamoon 1978b; Popov 1978; Trenchev 1980d; Hubenov 1985a, 1985b, 1988a, 1988b, 1988c, 1992b, 1993a, 1993b, 1995a, 1996a, 1996b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Tryphera lugubris* (Meigen, 1824)** – V1; 600-700 m; 1, 2; wcp; Hubenov 1993b, 2008a, 2008b.

***Carcelia* (*Carcelia*) *bombylans* Robineau-Desvoidy, 1830** – V4, R2; 1150-1800 m; 3, 4; po; Hubenov 1990, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2017, 2018.

***Carcelia* (*Carcelia*) *dubia* (Brauer & Bergenstamm, 1891)** – BS; 0-10 m; 1; spo; Trenchev 1980d; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Carcelia* (*Carcelia*) *gnava* (Meigen, 1824)** [*C. excavata* (Zetterstedt, 1844)] – DW, E1, E2, P2, B1, B3, V1, V4, V5, S1, O5, R1, R2, RW, RE, BS; 0-1350 m; 1, 2, 3; dpo, h*; Tschorbadjiew 1925g, 1928c; Burgess & Crossman 1929; Karnožitzky 1957; Ganchev 1972, 1975, 1980; Mamoon 1978b; Nikolova 1972; Zaharieva 1982, 1983; Hubenov 1983a, 1985a, 1992a, 1992b, 1993a, 1993b, 1995a, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Carcelia* (*Carcelia*) *iliaca* (Ratzeburg, 1840)** – S21, +++; 650-700 m; 2; cse; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b.

***Carcelia* (*Carcelia*) *laxifrons* Villeneuve, 1912** – DW, P1, V1; 40-600 m; 1; ho, h*; Tschorbadjiew 1924d, 1925g, 1933; Lavchiev et al. 1977; Mamoon 1978b; Trenchev 1980d; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b.

***Carcelia* (*Carcelia*) *lucorum* (Meigen, 1824)** [*C. cheloniae* (Rondani, 1859)] – E2, P2, B1, K9, V1, V4, S1, O5, R1, R2, R3, RW, BN; 0-1400 m; 1, 2, 3; po; Jacentkovsky 1936, 1937; Drensky 1955; Lavchiev et al. 1977; Trenchev 1980d; Hubenov 1983a, 1985a, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Carcelia* (*Carcelia*) *puberula* Mesnil, 1941** – B2; 730 m; 2; dpo; Lutovinovas et al. 2022.

***Carcelia rasa* (Macquart, 1849)** [*C. amphion* Robineau-Desvoidy, 1863] – ♠; po; Popov 1956; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b.

***Carcelia rasella* Baranov, 1931** – ♠; dpo; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Carcelia* (*Euryclea*) *falenaria* (Rondani, 1859)** – S1; 250-300 m; 1; swp; Jacentkovsky 1936, 1937; Belanovsky 1953; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Carcelia* (*Euryclea*) *tibialis* (Robineau-Desvoidy, 1863)** – V4, S211, O61; 350-1000 m; 1, 2; dpo; Dochkova 1971, 1972; Lavchiev et al. 1977; Trenchev 1980d; Hubenov 1980b, 1985a, 1990, 1992b, 1993a, 1993b, 2008a, 2008b, 2018.

***Carcelia* (*Carcelina*) *stackelbergi* Mesnil, 1963** – DW, S1; 80-700 m; 1, 2; ee; Hubenov 1977, 1985a, 1992b, 1993a, 1993b, 2008a, 2008b; Trenchev 1980d.

***Senometopia confundens* (Rondani, 1859)** [*Carcelia*, *Eucarcelia*] – DW, E1, E2, P2, B3; 40-350 m; 1; dpo; Ganchev 1972, 1975; Mamoon 1978b; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b.

***Senometopia excisa* (Fallén, 1820)** – ♠; po; O'Hara et al. 2020.

***Senometopia separata* (Rondani, 1859)** [*Eucarcelia excisa* var. *separata* (Rondani, 1859); *Carcelia gnava* (Meigen, 1824)] – E1, E2, S1, TL, T31, RW, BS; 20-380 m; 1; po; Tschorbadjiew 1933; Karnožitzky 1957; Ganchev 1975; Mamoon 1978b; Hubenov 1985a, 1992b, 1993a, 1993b, 2001b, 2006, 2008a, 2008b; Tsankov 1985.

***Thecocarcelia acutangulata* (Macquart, 1850)** [*T. incedens* (Rondani, 1861)] – O5, O62, R3; 100-1100 m; 1, 2, 3; spat, ? dpat; Hubenov 1980b, 1985b, 1988a, 1988b, 1988c, 1992b, 1993a, 1993b, 1995a, 1996a, 2008a, 2008b, 2015c; Beschovski & Hubenov 1986.

***Erycia fatua* (Meigen, 1824)** – ♠; tes; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b.

***Erycia fasciata* Villeneuve, 1924** – B2; 1160 m; 3; wcp; Lutovinovas et al. 2022.

***Erycia festinans* (Meigen, 1824)** – R2, R3; 800-1300 m; 2, 3; wces; Hubenov 1982a, 1988c, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2017.

***Xylotachina diluta* (Meigen, 1824)** [*X. ambulans* (Rondani, 1861); *X. ligniperdae* Brauer et Bergenstamm, 1891; *Lidella*, *Sturmia*] – S211, TL, BS; 150-800 m; 1, 2; des; Dirimanov & Sengalevich 1969; Sengalevich 1972; Trenchev 1980d; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b; Lutovinovas et al. 2022.

***Alsomyia capillata* (Rondani, 1859)** [*Platymyia*] – B1, V4, O5, R2, R3, RW, RE; 400-1000 m; 1, 2; mwca, ? swp; Hubenov 1982a, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2017, 2018, 2019a.

***Townsendiellomyia nidicola* (Townsend, 1908)** [*Sturmia*] – B1, V1; 550-800 m; 1, 2; nmwca, ? nmsws, swp, h*; Tschorbadjiew 1924d, 1925g, 1933; Lavchiev et al. 1977; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b.

***Platymya antennata* (Brauer & Bergenstamm, 1891)** – V1, R3; 550-1100 m; 1, 2, 3; wcp; Hubenov 1980a, 1988c, 1992b, 1993a, 1993b, 2008a, 2008b, 2015c.

***Platymya fimbriata* (Meigen, 1824)** [*P. nemestrina* (Meigen, 1824)] – DW, B1, B2, V4, O1, O5, R1, R2, RW; 80-2500 m; 1, 2, 3, 4, 5, 6; po, ? bm; Trenchev 1980d; Hubenov 1982a, 1993a, 1993b, 1985a, 1992a, 1992b, 1995a, 1996b, 2001b, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018.

***Eumea linearicornis* (Zetterstedt, 1844)** [*E. westermanni* (Zetterstedt, 1844); *Platymyia*] – DW, P1, B1, V1, V4, O5, R1, R2, R3, RW, RE; 70-1550 m; 1, 2, 3, 4; po; Mamoon 1978a, 1978b; Hubenov 1980a, 1985a, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Trenchev 1980d.

***Eumea mitis* (Meigen, 1824)** [*Platymyia*] – V1, R1; 530-1300 m; 1, 2, 3; hoes; Jacentkovsky 1936, 1937; Mamoon 1978b; Trenchev 1980d; Hubenov 1985a, 1992b, 1993a, 1993b, 2001b, 2008a, 2008b, 2016, 2017.

***Myxexoristops blondeli* (Robineau-Desvoidy, 1830)** – DW, V1, V4; 80-800 m; 1, 2; po; Trenchev 1980d; Hubenov 1985a, 1992b, 1993a, 1993b, 2001b, 2008a, 2008b, 2018.

***Myxexoristops stolida* (Stein, 1924)** – B2; 730; 2; des; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020; Lutovinovas et al. 2022.

***Zenillia dolosa* (Meigen, 1824)** – V4, R1; 700-850 m; 2; po; Lavchiev et al. 1977; Hubenov 1985a, 1992b, 1993a, 1993b, 2001b, 2008a, 2008b, 2018.

***Zenillia libatrix* (Panzer, 1798)** [*Exorista*] – DW, E1, E2, P1, B1, V1, V4, R1, RW, RE, BN; 0-1600 m; 1, 2, 3, 4; po; Nedelkov 1912; Tschorbadjiew 1924d, 1924g, 1933; Jacentkovsky 1936, 1937; Belanovsky 1953; Drensky 1955; Lavchiev et al. 1977; Mamoon 1978b; Zonati 1978; Trenchev 1980d; Hubenov 1985a, 1992b, 1993a, 1993b, 2001b, 2004, 2006, 2008a, 2008b, 2016, 2017, 2018, 2019a.

***Calozenillia tamara* (Portshinsky, 1884)** [*Tamaromyia*] – BS; 0-5 m; 1; dp; Hubenov 1983a, 1992b, 1993a, 1993b, 1996a, 2008a, 2008b.

***Clemelis pullata* (Meigen, 1824)** [*Zenillia*] – B1, B2, B3, V4, S1, O61, R1, R2; 150-2400 m; 1, 2, 3, 4, 5; wcp; Jacentkovsky 1936, 1937; Mamoon 1978b; Hubenov 1992a, 1992b, 1993a, 1993b, 1996a, 1996b, 2008a, 2008b, 2015b, 2016, 2017, 2018, 2019a.

***Pales pavida* (Meigen, 1824)** [*Ctenophorocera*] – DW, DM, E1, P2, B1, V1, V4, S1, TL, O5, O61, O62, R1, R2, R3, RW, RE, BN, BS; 0-1400 m; 1, 2, 3; po; Tschorbadjiew 1924d, 1924g; Jacentkovsky 1936, 1937; Ganchev 1972, 1975; 1977, 1980; Nikolova 1972; Lavchiev et al. 1977; Mamoon 1978b; Trenchev 1980d; Zaharieva 1982, 1983; Hubenov 1983a, 1985a, 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a,

1995b, 1999, 2001a, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986; Georgiev 1996b.

***Pales pumicata* (Meigen, 1824)** – S1, O5, O62, R1, R2, RW, RE, BS; 0-1600 m; 1, 2, 3; nm, ? se; Jacentkovsky 1936, 1937; Hubenov 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2008a, 2008b, 2015b, 2015c, 2016, 2017; Beschovski & Hubenov 1986.

***Phryno vetula* (Meigen, 1824)** – O1, O5, R2; 450-700 m; 1, 2; dpo; Hubenov 1982a, 1992a, 1992b, 1993a, 1993b, 1995a, 2001b, 2008a, 2008b, 2015b, 2015c, 2017.

***Bothria frontosa* (Meigen, 1824)** [*B. pascuorum* (Rondani, 1859); *B. obliquata* Fallén, 1810] – B1, V1, V4, TL, R2; 200-1300 m; 1, 2, 3; tp, ? hoes; Nedelkov 1912; Hubenov 1990, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2017, 2018, 2019a.

***Ceromasia rubrifrons* (Macquart, 1834)** [*C. florum* (Macquart, 1850); *Edesia*, *Lydella*] – V4, R1, BS; 0-1400 m; 1, 2, 3; tp; Jacentkovsky 1936, 1937; Belanovsky 1953; Hubenov 1990, 1992b, 1993a, 1993b, 2008a, 2008b, 2016, 2017, 2018.

***Allophorocera ferruginea* (Meigen, 1824)** [*Erycilla*] – B1, V1, V4, O5, R1, R2, RW; 600-1950 m; 2, 3, 4; des; Lavchiev et al. 1977; Trenchev 1980d; Hubenov 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Allophorocera pachystyla* (Macquart, 1850)** [*A. auripilla* (Brauer et Bergenstamm, 1891)] – B2, V4, R1, R2; 1800-2000 m; 4; e, m; Hubenov 1980a, 1992a, 1992b, 1993a, 1993b, 1996a, 1996b, 2008a, 2008b, 2015b, 2016, 2017, 2018.

***Ocytata pallipes* (Fallén, 1820)** [*Rhacodineura*] – V1; 550-600 m; 1; dp; Trenchev 1980d; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Erythrocera nigripes* (Robineau-Desvoidy, 1830)** [*E. rubrifrons* (Perris, 1852)] – B3, V1; 500-600 m; 2; des; Jacentkovsky 1936, 1937; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Eurysthaea scutellaris* (Robineau-Desvoidy, 1848)** [*Discochaeta evonymellae* Ratzeburg, 1848] – DW, E1, B1, V1, V4, S1, S211, TL, T1, O5, R1, R2, RW, RE, BN; 0-1100 m; 1, 2, 3; dpo; Tschorbadjiew 1925g, 1926c, 1933; Ganchev 1977; Lavchiev et al. 1977; Mamoon 1978b; Trenchev 1979, 1980d; Hubenov 1980b, 1083a, 1985a, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Erynnia ocypterata* (Fallén, 1810)** – ♠; dp; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Elodia ambulatoria* (Meigen, 1824)** [*E. convexifrons* (Zetterstedt, 1844)] – O5, R2, BS; 0-1300 m; 1, 2, 3; tp, ? dp; Hubenov 1977, 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2017.

***Elodia morio* (Fallén, 1820)** [*E. tragica* (Meigen, 1824)] – V1, V4, S211, TL; 200-1200 m; 1, 2, 3; tp; Ganchev 1977; Mamoon 1978b; Trenchev 1980d; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2018; Velcheva et al. 2012.

***Sturmia bella* (Meigen, 1824)** – B1, V1, V4, O61, R1, R2, R3, RW, RE, BN; 20-1400 m; 1, 2, 3; poa; Jacentkovsky 1936, 1937; Belanovsky 1953; Mamoon 1978b; Hubenov 1980b, 1983a, 1985a, 1988c, 1992a, 1992b, 1993a, 1993b, 1996a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Blepharipa pratensis* (Meigen, 1824)** [*B. scutellata* (Robineau-Desvoidy, 1830); *Sturmia*; *Blepharipoda*, *Crossocosmia*] – DW, DM, E1, E2, P1, P2, B1, B3, V4, S1, O5, O62, R1, R2, RW, RE, BN, BS; 0-1400 m; 1, 2, 3; pat, hat, h*, i; Burgess & Crosman 1929; Tschorbadjiew 1933; Keremidchiev 1951, 1965; Karnožitzky 1957; Keremidchiev 1959; Stefanov & Keremidchiev 1961; Gospodinov 1963; Ganchev 1972, 1975; Mamoon 1978a, 1978b; Hubenov 1985a, 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1999, 2001a, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Tsankov 1985; Beschovski & Hubenov 1986.

***Blepharipa schineri* (Mesnil, 1939)** – ♠; po; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Masicera pavoniae* (Robineau-Desvoidy, 1830)** [*M. pratensis* Meigen, 1824] – B3, V1, S1, O3, R1, R2, R3; 350-1000 m; 1, 2; wp; Lavchiev et al. 1977; Hubenov 1985a, 1988c, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2016, 2017.

***Masicera silvatica* (Fallén, 1810)** – B1, V1, V4, O5, O62, R1, R2, RE; 100-1250 m; 1, 2, 3; wes; Jacentkovsky 1936, 1937; Hubenov 1985b, 1988a, 1988b, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Masicera sphingivora* (Robineau-Desvoidy, 1830)** [*M. silvatica* (Fallén, 1810)]– S1, BN; 0-500 m; 1; tp; Nikolova 1972; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b.

***Prosopea nigricans* (Egger, 1861)** – B1, V4, O5, O61, O62, R1, R2, R3, RW, RE; 100-1300 m; 1, 2, 3; tp; Jacentkovsky 1936, 1937; Belanovsky 1953; Hubenov 1983a, 1985a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Gaedia connexa* (Meigen, 1824)** – V4, R2, R3; 700-1400 m; 2, 3; e; Nedelkov 1912; Hubenov 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2017, 2018.

***Gaedia distincta* Egger, 1861** – B1, V1, R2, R3, RW; 600-1350 m; 2, 3; wp, ? wes; Nedelkov 1912; Hubenov 1988c, 1992a, 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2015b, 2015c, 2017, 2019a.

***Hebia flavipes* Robineau-Desvoidy, 1830** – ♠; dp, ? des; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Thelymorpha marmorata* (Fabricius, 1805)** [*Histochaeta*] – V1, V4; 600-1000 m; 2; esca; Nedelkov 1912; Jacentkovsky 1936, 1937; Mamoon 1978b; Hubenov 1990, 1992b, 1993a, 1993b, 2008a, 2008b, 2018.

***Baumhaueria goniaeformis* (Meigen, 1824)** – V1, V4, S1, R2; 290-1350 m; 1, 2, 3; wp; Nedelkov 1912; Tschorbadjiew 1928c; Zonati 1978; Trenchev 1980d; Hubenov 1985a, 1990, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2017, 2018.

***Gonia atra* Meigen, 1826** [*Redia*] – O62; 150-200 m; 1; ho, ? spo; Hubenov 1980b, 1985b, 1988a, 1988b, 1992b, 1993a, 1993b, 2008a, 2008b; Beschovski & Hubenov 1986.

***Gonia bimaculata* Wiedemann, 1819** [*G. cilipeda* Rondani, 1859; *Salmacia*] – P2, B1, B3, V1, V4, S1, O5, O61, O62, R1, R2, BN, BS; 0-1200 m; 1, 2, 3; sppt; Jacentkovsky 1936, 1937; Drensky 1942; Nikolova 1961; Hubenov 1985a, 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Gonia capitata* (De Geer, 1776)** [*G. trifaria* Zeller, 1842] – B1, B2, V1, V4, S211, S22, O3, O5, R1, R2, R3, R5, RW, RE, BN; 500-2000 m; 1, 2, 3, 4; wcp, tp; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937; Belanovsky 1953; Hubenov 1980b, 1985a, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1996b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Trenchev 1980d.

***Gonia ornata* Meigen, 1826** – V4, O62, R2, RW; 250-800 m; 1, 2; tp; Hubenov 1980a, 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2015b, 2017, 2018; Beschovski & Hubenov 1986.

***Gonia picea* (Robineau-Desvoidy, 1830)** – B1, V3, R2; 350-700 m; 1, 2; po; Hubenov 1977, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2017, 2019a.

***Onychogonia flaviceps* (Zetterstedt, 1838)** [*Gonia*] – S22; 600-1200; 1, 2, 3; h; Nedelkov 1909; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Pseudogonia parisiaca* (Robineau-Desvoidy, 1851)** [*Isomera blondeli* Robineau-Desvoidy, 1830; *Gonia cognata* Rongani, 1859] – B1, B3, V1, S1, S211, R2, R3, R5, BS; 0-1350 m; 1, 2, 3; ess, ? tes; Jacentkovsky 1936, 1937; Dochkova 1971, 1972; Trenchev 1980d; Hubenov 1985a, 1988c, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2017, 2019a.

***Pseudogonia rufifrons* (Wiedemann, 1830)** [*Gonia cinerascens* Rongani, 1859; *Isomera*] – B1, V4, S1, O5, O62, R2, RE, BS; 0-1200 m; 1, 2, 3; ppta; Jacentkovsky 1936, 1937; Belanovsky 1953; Hubenov 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2008a, 2008b, 2015b, 2015c, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Spallanzania hebes* (Fallen, 1820)** [*Cnephalia bucephala* (Meigen, 1824)] – B1, V1, V4, S1, S211, S22, TL, O5, O61, O62, R1, R2, BN; 30-1000 m; 1, 2; hno; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937; Dochkova 1971, 1972; Trenchev 1980d; Hubenov 1985a, 1985b, 1988a, 1988b, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2019a; Beschovski & Hubenov 1986.

***Tachina* (*Eudoromyia*) *casta* (Rondani, 1859)** [*T. lefebvrei* (Robineau-Desvoidy, 1830) – S211, O5, O62, R1, R2, RE; 150-850 m; 1, 2; nm; Trenchev 1980a; Hubenov 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018; Beschovski & Hubenov 1986.

***Tachina* (*Tachina*) *corsicana* (Villeneuve, 1931)** [*Eudoromyia*] – O62; 180-200 m; 1; mca, ? sp; Hubenov 1982a, 1985b, 1988a, 1988b, 1992b, 1993a, 1993b, 1999, 2001a, 2008a, 2008b; Beschovski & Hubenov 1986.

***Tachina* (*Tachina*) *fera* (Linnaeus, 1761)** [*Echinomyia*, *Eudoromyia*] – ♦; B1, K8, V1, V4, S1, S211, T31, O3, O5, O62, R1, R2, R3, RW, RE, BN; 100-1900 m; 1, 2, 3, 4; hop; Nedelkov 1909, 1912; Drenowsky 1936; Jacentkovsky 1936, 1937; Drensky 1942, 1955; Drensky & Zacharieva-Stoilova 1951; Keremidchiev 1951; Nikolova 1972; Mamoon 1978b; Trenchev 1980a; Hubenov 1985a, 1985b, 1988a, 1988b, 1988c, 1990,

1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Tachina* (*Tachina*) *grossa* (Linnaeus, 1758)** [*Echinomyia*] – E2, B1, V4, V5, S211, S22, T31, O5, R1, R2, RE, BN, +++; 0-1450 m; 1, 2, 3; tp; Löw 1862; Kovachev 1905; Jacentkovsky 1936, 1937; Belanovsky 1951; Mamoon 1978b; Hubenov 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Tachina* (*Tachina*) *magna* (Giglio-Tos, 1890)** – S211, O62, R2; 100-850 m; 1, 2; sess; Trenchev 1980a; Hubenov 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2017; Beschovski & Hubenov 1986.

***Tachina* (*Tachina*) *magnicornis* (Zetterstedt, 1844)** [*T. tessellata* (Fabricius, 1794); *T. errans* (Robineau-Desvoidy, 1830); *T. vernalis* (Robineau-Desvoidy, 1830); *Echinomyia*, *Eudoromyia*] – ♦; DM, E1, P1, P2, B1, B2, V1, V3, V4, S1, S21, S211, S22, TL, T31, O5, O61, O62, R1, R2, R3, RW, RE, BN, BS; 0-1900 m; 1, 2, 3, 4; hop; Joakimoff 1899; Nedelkov 1909, 1912; Ilchev 1923; Tschorbadjiew 1925g; Drensky 1930a; Jacentkovsky 1936, 1937; Drensky & Zacharieva-Stoilova 1951; Lavchiev et al. 1977; Mamoon 1878b; Trenchev 1980a; Hubenov 1985a, 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Tachina* (*Tachina*) *nupta* (Rondani, 1859)** [*T. orientalis* Zimin, 1967; *Eudoromyia*] – B1, V1, V3, V4, S211, O5, O61, O62, R1, R2, R3; 150-1750 m; 1, 2, 3, 4; po; Hubenov 1977, 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Trenchev 1980a; Beschovski & Hubenov 1986.

***Tachina* (*Tachina*) *praeceps* Meigen, 1824** (*Echinogaster*, *Echinomyia*) – B1, V1, V4, S1, T31, O61, O62, R1, R2, R3, RW, RE, BS; 90-1300 m; 1, 2, 3; tp; Jacentkovsky 1936, 1937; Mamoon 1878b; Hubenov 1983a, 1985a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Tachina* (*Servillia*) *lurida* (Fabricius, 1781)** – B1, V4, S211, O62, R1, R2, RW; 100-1150 m; 1, 2, 3; wcp; Trenchev 1980a; Hubenov 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2015b, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Schineria tergestina* Rondani, 1859** – P1, B1; 300-400 m; 1; po; Nedelkov 1912; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Nowickia* (*Nowickia*) *marklini* (Zetterstedt, 1838)** [*Tachina*] – B2, V4, O5, R1, R2, R3; 1200-2300 m; 3, 4, 5; h, ? bm; Hubenov 1980a, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1996a, 1996b, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018.

***Nowickia* (*Fabriciella*) *atripalpis* (Robineau-Desvoidy, 1863)** [*Fabriciella*, *Tachina*] – B2, V4, O5, R1, R2, RW; 1150-2250 m; 3, 4, 5; po, ? bm; Hubenov 1980a, 1992a, 1992b, 1993a, 1993b, 1995a, 1996a, 1996b, 2006, 2008a, 2008b, 2015b, 2015c, 2017, 2018.

***Nowickia* (*Fabriciella*) *ferox* (Panzer, 1809)** [*Tachina*] – B1, B3, V4, O5, R1, R2, R3, RW; 900-2300 m; 2, 3, 4, 5; wces; Nedelkov 1912; Jacentkovsky 1936, 1937; Hubenov 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Nowickia* (*Fabriciella*) *rondanii* (Giglio-Tos, 1890)** [*F. nigricornis* Robineau-Desvoidy, 1863; *Tachina*] – O5, R1, R2, R3; 700-1600 m; 2, 3, 4; spo; Hubenov 1980a, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2016, 2017.

***Cnephaotachina danilevskyi* (Portshinsky, 1882)** [*Nowickia*, *Tachina*] – R2, R3; 350-1000 m; 1, 2; mca; Hubenov 1982a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2017; Beschovski & Hubenov 1986.

***Peleteria abdominalis* Robineau-Desvoidy, 1830** – B2, O5, O62, R2, R3; 200-1400 m; 1, 2, 3; nmi; Hubenov 1980a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1996b, 1999, 2001a, 2008a, 2008b, 2015b, 2015c, 2017; Beschovski & Hubenov 1986.

***Peleteria ferina* (Zetterstedt, 1844)** – B1, V1, V4, TL, O3, O5, O62, R2, R3, RW; 180-1300 m; 1, 2, 3; tes; Nedelkov 1912; Hubenov 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2006, 2008a, 2008b, 2015b, 2015c, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Peleteria iavana* (Wiedemann, 1819)** – ♠; ppta; O'Hara et al. 2020.

***Peleteria prompta* (Meigen, 1824)** [*Echinomyia*] – S1; 250-300 m; 1; ess, ? m; Löw 1863; Hubenov 1992b, 1993a, 1993b, 1996a, 2008a, 2008b.

***Peleteria rubescens* (Robineau-Desvoidy, 1830)** [*P. nigricornis* (Meigen, 1838)] – E1, B1, V1, V4, S1, S21, S211, TL, T31, O3, O5, O61, O62, R1, R2, R3, RW, RE, BN; 150-2000 m; 1, 2, 3, 4; tp; Jacentkovsky 1936, 1937; Drensky 1942; Hubenov 1980a, 1980b, 1985a, 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Peleteria ruficornis* (Macquart, 1835)** [*Cuphocera*] – V4, S211, TL, O61, R1, R2; 80-850 m; 1, 2; wpat; Jacentkovsky 1936, 1937; Trenchev 1980a; Hubenov 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2016, 2017, 2018.

***Peleteria varia* (Fabricius, 1794)** [*P. pyrrogaster* (Rondani, 1859); *Cuphocera*] – E1, B1, V4, S1, S211, TL, T31, O5, O61, O62, R1, R2, R3, RW, RE, BN, BS; 0-1450 m; 1, 2, 3; ppta; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937; Trenchev 1980a; Hubenov 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Germaria ruficeps* (Fallén, 1820)** – V4, R2; 700-1300 m; 2, 3; wcp; Hubenov 1977, 1990, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2017, 2018.

***Nemoraea pellucida* (Meigen, 1824)** – B1, V4, O5, O62, R2, RW; 150-1500 m; 1, 2, 3; po; Jacentkovsky 1936, 1937; Belanovsky 1953; Trenchev 1980a; Hubenov 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 2006, 2008a, 2008b, 2015b, 2015c, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Linnaemya* (*Linnaemya*) *comta* (Fallén, 1810)** – DM, E1, B1, V1, V4, S1, S211, O5, O62, R1, R2, R3, RW, RE, BN, BS; 0-1400 m; 1, 2, 3; hno, sk; Nedelkov 1912; Jacentkovsky 1936, 1937; Belanovsky 1953; Nikolova 1961; Trenchev 1980a; Hubenov 1983a, 1985a, 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1996a, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Linnaemya* (*Linnaemya*) *vulpina* (Fallén, 1810)** [*Micropalpus*] – V1, T31; 100-600 m; 1; po; Nedelkov 1912; Jacentkovsky 1936, 1937; Belanovsky 1953; Mamoon 1978b; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Linnaemya* (*Bonellimyia*) *impudica* (Rondani, 1859)** [*Micropalpus*] – B1, V4, S1, O5, O61, O62, R1, R2, R3, RW, RE; 100-1300 m; 1, 2, 3; e; Jacentkovsky 1936, 1937; Belanovsky 1953; Trenchev 1980a; Hubenov 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Linnaemya* (*Bonellimyia*) *tessellans* (Robineau-Desvoidy, 1830)** – ♠; po; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Linnaemya* (*Ophina*) *haemorrhoidalis* (Fallén, 1810)** – B1, B2, V1, V4, O5, O62, R1, R2, R3, RW; 200-1900 m; 1, 2, 3, 4; hoes, bm; Hubenov 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1996a, 1996b, 1999, 2001a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Linnaemya* (*Ophina*) *helvetica* Herting, 1963** – V4, R1, R2, R3; 500-1000 m; 1, 2, 3; cse; Hubenov 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2016, 2017, 2018.

***Linnaemya* (*Ophina*) *olsufjevi* Zimin, 1954** – O5, R2; 700-1000 m; 2; esca, ? hoes; Hubenov 1983a, 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2017.

***Linnaemya* (*Ophina*) *perinealis* Pandelle, 1895** – O61, R1; 350-400 m; 1; po; Trenchev 1980a; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2016, 2017.

***Linnaemya* (*Ophina*) *picta* (Meigen, 1824)** [*L. retroflexa* Pandellé, 1895; *Micropalpus*] – B1, V4, S1, S211, O5, R1, R2, RW; 270-1300 m; 1, 2, 3; po; Joakimoff 1899; Jacentkovsky 1936, 1937; Trenchev 1980a; Hubenov 1985a, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Linnaemya* (*Ophina*) *rossica* Zimin, 1954** – V4, S1, S211, O5, O62, R2, R3, RW, BN; 140-1800 m; 1, 2, 3, 4; po, ? hoes, bm; Hubenov 1977, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1996a, 2008a, 2008b, 2015b, 2015c, 2017, 2018; Beschovski & Hubenov 1986.

***Linnaemya* (*Homoeonychia*) *frater* (Rondani, 1859)** – V4, S1, O61, R1; 260-800 m; 1, 2; mi; Jacentkovsky 1936, 1937; Hubenov 1990, 1992b, 1993a, 1993b, 2008a, 2008b, 2016, 2017, 2018.

***Linnaemya* (*Homoeonychia*) *lithosiophaga* (Rondani, 1859)** – B1, V4, S1, O5, O62, R2, RE; 100-920 m; 1, 2; hom; Jacentkovsky 1936, 1937; Hubenov 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2008a, 2008b, 2015b, 2015c, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Gymnoglossa transsylvanica* Mik, 1898** – V4; 1800 m; 4; ees; Hubenov 1980b, 1990, 1992b, 1993a, 1993b, 2008a, 2008b, 2018.

***Chrysosomopsis aurata* (Fallén, 1820)** [*Chrysocosmius*, *Chrysosoma*] – V4, O61, R1; 450-900 m; 1, 2; po; Nedelkov 1912; Jacentkovsky 1936, 1937; Belanovsky 1953; Hubenov 1990, 1992b, 1993a, 1993b, 2008a, 2008b, 2016, 2017, 2018.

***Lydina aenea* (Meigen, 1824)** – S1; 300-500 m; 1; esca; Nikolova 1972; Mamoon 1978b; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Lypha dubia* (Fallén, 1810)** – V1; 600 m, +++; 2; hoes; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b.

***Petagnia subpetiolata* Rondani, 1859** [*P. petiolata* Rnd.; *P. occlusa* Rondani, 1856] – V4; 750 m; 2; cse; Jacentkovsky 1937; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2018.

***Ernestia laevigata* (Meigen, 1838)** [*Panzeria*] – V4, O1, R2; 900-1450 m; 2, 3; hoes; Hubenov 1982a; 1990, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2017, 2018.

***Ernestia puparum* (Fabricius, 1794)** [*Meriania*, *Nemoraea*, *Panzeria*] – V4, R1; 800-1250 m; 2, 3; hoes, ? tp; Joakimoff 1899; Nedelkov 1912; Hubenov 1990, 1992b, 1993a, 1993b, 2008a, 2008b, 2016, 2017, 2018.

***Ernestia rudis* (Fallén, 1810)** [*Panzeria*, ? *Phaonia*] – B1, V4, O5, R1, R2, R3, RW; 700-1800 m; 2, 3, 4; tp; ? Drenowsky 1939; ? Drensky 1939; Lavčiev et al. 1977; Hubenov 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Eurithia anthophila* (Robineau-Desvoidy, 1830)** [*E. radicum* (Fabricius, 1794); *Ernestia*, *Panzeria*, *Platychira*] – B2, V1, V4, S211, R2; 520-1500 m; 1, 2, 3, 4; po; Nedelkov 1912; Trenchev 1980a; Hubenov 1990, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2017, 2018.

***Eurithia caesia* (Fallén, 1810)** [*Panzeria*] – B1, V4, O5, R1, R2, R3, RW; 850-1700 m; 2, 3, 4; po; Hubenov 1980b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Eurithia consobrina* (Meigen, 1824)** [*Panzeria*] – R2, R3; 1200-1400 m; 3; esca; Hubenov 1988c, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2017.

***Eurithia gemina* (Mesnil, 1972)** – P2, B2, R2, RW; 1170-2000 m; 3, 4; e, m; Lutovinovas et al. 2022.

***Hyalurgus lucidus* (Meigen, 1824)** – B1, B2, V4, R1, R2; 1400-2000 m; 3, 4; po, bm; Hubenov 1977, 1990, 1992a, 1992b, 1993a, 1993b, 1996a, 1996b, 2008a, 2008b, 2015b, 2016, 2017, 2018, 2019a.

***Gymnocheta viridis* (Fallén, 1810)** – B1, V4, +++; 850-950 m; 2; tp; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b, 2018, 2019a.

***Zophomyia temula* (Scopoli, 1763)** – E2, B1, B2, V3, V4, O5, O62, R1, R2, BN; 250-2370 m; 1, 2, 3, 4, 5; tp; Joakimoff 1899; Nedelkov 1912; Hubenov 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1996a, 1996b, 1999, 2001a, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Cleonice callida* (Meigen, 1824)** [*Steiniella*] – B1, V4, R2, R3, RW; 400-1250 m; 1, 2, 3; des; Trenchev 1980a; Hubenov 1985a, 1988c, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2017, 2018, 2019a.

***Cleonice nitidiuscula* (Zetterstedt, 1859)** [*Steiniella*] – V4; 700-900 m; 2; wes; Trenchev 1980a; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2018.

***Loewia brevifrons* (Rondani, 1856)** – B1, V4, S211, O61, O62, R1, R2, R3, RW, RE, BN; 0-1300 m; 1, 2, 3; csei; Jacentkovsky 1936, 1937; Trenchev 1980a; Hubenov 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Loewia phaeoptera* (Meigen, 1824)** – V4, O5, O62, R2, RE; 300-1300 m; 1, 2, 3; wes; Hubenov 1982a, 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2004, 2008a, 2008b, 2015b, 2015c, 2017, 2018; Beschovski & Hubenov 1986.

***Loewia piligena* Mesnil, 1973** – R3, +++; 1300 m; 3; e, ? cse; Tschorsnig et al. 2005, 2009; Hubenov 1993b, 2008a, 2008b.

***Loewia setibarba* Egger, 1856** – V1, V4; 150-1200 m; 1, 2, 3; e; Nedelkov 1912; Hubenov 1990, 1992b, 1993a, 1993b, 2008a, 2008b, 2018.

***Loewia submetallica* (Macquart, 1855)** [*L. petiolata* (Pandellé, 1895)] – S211; 750-900 m; 2; e; Trenchev 1980a; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Pseudopachystylum gonioides* (Zetterstedt, 1838)** – R1, R2, RW; 900-1800 m; 2, 3, 4; hoes; Hubenov 1980a, 1992a, 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2015b, 2016, 2017.

***Pelatachina tibialis* (Fallén, 1810)** – V4, O62, R2, R3; 150-1300 m; 1, 2, 3; hoes; Dirimanov & Sengalevich 1969; Hubenov 1982a, 1985a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2017, 2018; Beschovski & Hubenov 1986.

***Macquartia chalconota* (Meigen, 1824)** – B1, B2, V1, V4, S211, O5, R1, R2, RW; 500-1500 m; 1, 2, 3, 4; esca; Nedelkov 1912; Trenchev 1980a; Hubenov 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Macquartia dispar* (Fallén, 1820)** [*M. flavipes* (Meigen, 1824)] – B1,V4, R1, R2, R3, RW; 300-1400 m; 1, 2, 3; esca; Nedelkov 1912; Gruev 1968, 1972; Hubenov 1985a, 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Macquartia grisea* (Fallén, 1810)** – V4, O5, R1, R2; 450-950 m; 1, 2; wesca; Hubenov 1982a, 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018.

***Macquartia praefica* (Meigen, 1824)** [*Bebricia*] – B1, V4, O62, R1, R2, RW, RE; 150-1260 m; 1, 2, 3; ? wp; Hubenov 1982a, 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Macquartia tenebricosa* (Meigen, 1824)** [*M. nitida* (Zetterstedt, 1838)] – B1, B2, V1, V4, S1, TL, O5, O61, R1, R2, RW, RE, BN, BS; 0-1800 m; 1, 2, 3, 4; wcp; Nedelkov 1912; Jacentkovsky 1936, 1937; Trenchev 1980a; Hubenov 1985b, 1988a, 1988b, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1996b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Macquartia tessellum* (Meigen, 1824)** [*M. brevicornis* (Macquart, 1839); *M. occlusa* Rondani, 1859] – O62, R1, R2, RW; 300-1400 m; 1, 2, 3; spo; Jacentkovsky 1936, 1937; Gruev 1972, 1973; Hubenov 1985a, 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2016, 2017.

***Macquartia viridana* Robineau-Desvoidy, 1863** – V4; 1100-1200 m; 3; dpo; Hubenov 1990, 1992b, 1993a, 1993b, 2008a, 2008b, 2018.

***Macroprosopa atrata* (Fallén, 1810)** – S1; 350-500 m; 1; ess; Nikolova 1972; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Triarthria setipennis* (Fallén, 1810)** – V1, V5, TL, +++; 90-720 m; 1, 2; h; Georgiev & Hubenov 2000; Hubenov 2008a, 2008b.

***Neaera atra* Robineau-Desvoidy, 1850** – ♠; nm, ? hom; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Phytomyptera abnormis* (Stein, 1924)** [*Elfia*, *Phytomyzoneura*] – R1, R2; 1600-2000 m; 3, 4; cse; Jacentkovsky 1936, 1937; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2016, 2017.

***Phytomyptera cingulata* (Robineau-Desvoidy, 1830)** [*Elfia*] – O62, R2; 150-400 m; 1; e; Hubenov 1982a, 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2017; Beschovski & Hubenov 1986.

***Phytomyptera nigrina* (Meigen, 1824)** – V1, V4; 700-900 m; 2; wcp; Hubenov & Georgiev 1996; Georgiev & Delkov 1997; Georgiev 2000a, 2000b, 2000c; Hubenov 2001b, 2008a, 2008b, 2018.

***Graphogaster brunnescens* Villeneuve, 1907** – B1, V1, V4, S1, O61, R1, R3, BS; 0-1160 m; 1, 2, 3; ess; Hubenov 1977, 1988c, 1992b, 1993a, 1993b, 2008a, 2008b, 2015c, 2016, 2017, 2018, 2019a; Trenchev 1980a.

***Graphogaster vestita* Rondani, 1868** – ♠; hom, ? mi; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Ceromya dilecta* Herting, 1977** – ♠; cse, ? se; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Ceromya flaviseta* (Villeneuve, 1921)** – O62; 100-250 m; 1; eo; Hubenov 1982a, 1985b, 1988a, 1988b, 1992b, 1993a, 1993b, 1999, 2001a, 2008a, 2008b; Beschovski & Hubenov 1986.

***Actia crassicornis* (Meigen, 1824)** – B1, B3, V4, S1, S21, S211, O5, R1, R2, R3, RW, RE; 200-1500 m; 1, 2, 3; po; Jacentkovsky 1936, 1937; Belanovsky 1953; Mamoon 1978b; Trenchev 1980d; Hubenov 1985a, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Actia infantula* (Zetterstedt, 1844)** [*A. antennalis* Rondani, 1859; *A. aristalis* Rondani, 1865] – B3, S1, O61, R1; 200-1100 m; 1, 2, 3; wcp; Jacentkovsky 1936, 1937; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2016, 2017.

***Actia lamia* (Meigen, 1838)** – ♠; hoes, ? se; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Actia nigroscutellata* Lundbeck, 1927** – V1, S211; 600-700 m; 1, 2; dpo; Trenchev 1980d; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b.

***Actia pilipennis* (Fallén, 1810)** – DW, P1, V1, V4, R2; 40-1300 m; 1, 2, 3; po; Ganchev 1977; Lavchiev et al. 1977; Mamoon 1978b; Trenchev 1980d; Hubenov 1985a, 1992a, 1992b, 1993a, 1993b, 2001b, 2008a, 2008b, 2015b, 2017, 2018.

***Peribaea apicalis* Robineau-Desvoidy, 1863** – E1, RW, RE, BN; 100-120 m; 1; tes; Mirchev et al. 2000; Hubenov 2001b, 2004, 2006, 2008a, 2008b.

***Peribaea tibialis* (Robineau-Desvoidy, 1851)** [*Actia*, *Strobliomyia*] – DW, B1, V4, S211, O5, O62, R1, R2, RW, RE, BN; 0-1160 m; 1, 2, 3; ppt; Nedelkov 1912; Mamoon 1978b; Trenchev 1980d; Hubenov 1985a, 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Ceranthia lichtwardtiana* (Villeneuve, 1931)** – V4; 1900 m; 4, 5; des; Ziegler 1989; Hubenov 1993b, 2001b, 2008a, 2008b, 2018.

***Siphona collini* Mesnil, 1960** – ♠; hoes, ? des; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Siphona cristata* (Fabricius, 1805)** [*Bucentes*] – E1, B1, V1, V4, S1, T31, O5, R1, R2, RE; 70-1150 m; 1, 2, 3; ho; Nedelkov 1912; Jacentkovsky 1936, 1937; Mamoon 1978b; Hubenov 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Siphona flavifrons* Staeger, 1849** [*Bucentes*] – V1, V4, R2; 600-1900 m; 2, 3, 4; wces, ? des, h*; Nedelkov 1912; Hubenov 1990, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2017, 2018.

***Siphona geniculata* (De Geer, 1776)** [*Bucentes*] – B3, V1, V4, S1, S211, T31, O3, R2, RW; 150-1300 m; 1, 2, 3; ho, h*; Nedelkov 1912; Jacentkovsky 1936, 1937; Trenchev 1980d; Hubenov 1990, 1992a, 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2015b, 2017, 2018.

***Siphona hokkaidensis* Mesnil, 1957** – R2; 1760 m; 4; h; Lutovinovas et al., 2022.

***Siphona hungarica* Andersen, 1984** – ♠; e, ? csee; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Siphona maculata* Stæger, 1849** [*Bucentes*] – B3, S1; 380-400 m; 1; h; Jacentkovsky 1936, 1937; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Siphona pauciseta* Rondani, 1865** – ♠; po; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Siphona setosa* Mesnil, 1960** – RW; 1300 m; 3; wces, ? tes; Lutovinovas et al., 2022.

***Siphona variata* Andersen, 1982** – ♠; wp; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Aphantorhaphopsis siphonoides* (Strobl, 1898)** – R2, RW; 1260-2000 m; 3, 4; e; Lutovinovas et al. 2022.

***Aphria latifrons* Villeneuve, 1908** – R1; 900 m; 2; mss,? mca; Jacentkovsky 1936, 1937; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2016, 2017.

***Aphria longirostris* (Meigen, 1824)** – B1, B2, B3, V4, S1, O1, O3, O5, O62, R1, R2, R3, RW, RE; 200-2300 m; 1, 2, 3, 4, 5; wcp; Jacentkovsky 1936, 1937; Hubenov 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1996a, 1996b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Aphria xyphias* Pandellé, 1896** – ♠; esca; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Demoticus plebejus* (Fallén, 1810)** – P1, B1, V1, V4, R1, R2, R3; 360-1950 m; 1, 2, 3, 4; wces; Nedelkov 1912; Jacentkovsky 1936, 1937; Belanovsky 1953; Hubenov 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Bithia demotica* (Egger, 1861)** – ♠; des; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Bithia geniculata* (Zetterstedt, 1844)** [*Pseudodemoticus*] – BS; 0-5 m; 1; wces; Hubenov 1980b, 1992b, 1993a, 1993b, 2008a, 2008b.

***Bithia glirina* (Rondani, 1861)** [*Rhinotachina*] – B1, V1, V4, T2, O3, O5, R1, R2, R3, RW, RE, BS; 0-1500 m; 1, 2, 3, 4; wes; Hubenov 1977, 1985b; Trenchev 1980a; Hubenov 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Bithia immaculata* (Herting, 1971)** – ♠; cse, ? se; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Bithia jacentkovskyi* (Villeneuve, 1937)** [*B. incerta* (Belanovsky, 1953); *Pseudodemoticus*, *Rhinotachinopsis*] – S1; 250-300 m; 1; eca; Villeneuve 1937; Belanovsky 1953; Herting 1984; Herting & Dely-Draskovits 1993; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Bithia modesta* (Meigen, 1824)** [*Rhinotachina*] – P1, B1, V1, V3, V4, T31, O5, R1, R2, R3, RW, RE, BS; 0-1200 m; 1, 2, 3; mca; Jacentkovsky 1936, 1937; Trenchev 1980a; Hubenov 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Bithia spreta* (Meigen, 1824)** – V4; 800-900 m; 2; wes; Trenchev 1980a; Hubenov 1990, 1992b, 1993a, 1993b, 2008a, 2008b, 2018.

***Leskia aurea* (Fallén, 1820)** – P2, B1, B2, B3, V1, V4, S1, TL, O5, R1, R2, RW, RE, +++; 200-1100 m; 1, 2, 3; hoes; Nedelkov 1912; Jacentkovsky 1936, 1937; Dirimanov & Sengalevich 1969; Trenchev 1980a; Hubenov 1985a, 1992a, 1992b, 1993a, 1993b, 1995a, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Solieria fenestrata* (Meigen, 1824)** [*S. fuscana* Robineau-Desvoidy, 1848; *Myobia*] – V4; 800-1000 m; 2; wes; Jacentkovsky 1936, 1937; Belanovsky 1953; Hubenov 1990, 1992b, 1993a, 1993b, 2008a, 2008b, 2018.

***Solieria pacifica* (Meigen, 1824)** [*Anthoica tibialis* (von Roser, 1840)] – V4, S211; 700-900 m; 2; des; Trenchev 1980a; Hubenov 1990, 1992b, 1993a, 1993b, 2008a, 2008b, 2018.

***Solieria vacua* (Rondani, 1861)** – ♠; e, ? cse; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Mintho compressa* (Fabricius, 1787)** [*M. praeceps* (Scopoli, 1763)] – V1, S22, T31; 70-1000 m; 1, 2; atm; Nedelkov 1912; Jacentkovsky 1936, 1937; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

? ***Mintho praeceps* (Scopoli, 1763)** – V1, S21; 520-800 m; 1, 2; hom; Nedelkov 1912; O'Hara et al. 2020.

***Mintho rufiventris* (Fallén, 1817)** [*M. praeceps* (Scopoli, 1763)] – B1, V1, V3, V4, S1, S21, S211, S22, O5, O62, R1, R2, RW, RE, BN, BS; 0-1200 m; 1, 2, 3; tp; Nedelkov 1912; Jacentkovsky 1936, 1937; Trenchev 1980a; Hubenov 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Minthodes picta* (Zetterstedt, 1844)** [*Myxominthodes monticola* Villeneuve, 1910] – V4; 900-1700 m; 2, 3, 4; wes, bm; Jacentkovsky 1937; Hubenov 1990, 1992b, 1993a, 1993b, 1996a, 2008a, 2008b, 2018.

***Minthodes pictipennis* Brauer & Bergenstamm, 1889** – S1; 160-280 m; 1; emi; Jacentkovsky 1937; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Palmonia hermonensis* Kugler, 1972** – ♠; em; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Ziminia masiceraeformis* (Portshinsky, 1881)** – ♠; mwca; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Mesnilomyia longicornis* Kugler, 1972** [*Rossimyiops*] – ♠; em; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Melisoneura leucoptera* (Meigen, 1824)** – RW; 1300 m; 3; des; Lutovinovas et al. 2022.

***Microphthalma europaea* Egger, 1860** – DM, E1, E2, B1, V4, TL, O5, R1, R2, BN; 0-1160 m; 1, 2, 3; wpo, ? wppt; Nedelkov 1912; Hubenov 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Dexiosoma caninum* (Fabricius, 1781)** – V4, O5, R2; 1100-1300 m; 3; des; Hubenov 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2017, 2018.

***Trixa caerulescens* Meigen, 1824** – O61, R1; 320-400 m; 1; wes; Trenchev 1980c; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2017.

***Trixa conspersa* (Harris, 1776)** [*T. oestroidea* (Robineau-Desvoidy, 1830); *T. variegata* Meigen, 1824] – V3, O61, T31, R1, RW, BS; 0-1200 m; 1, 2, 3; po; Lavchiev et al. 1977; Zonati 1978; Trenchev 1980c; Hubenov 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2016, 2017, 2018.

***Billaea adelpha* (Loew, 1873)** [*B. subrotundata* (Rondani, 1862)] – V4, S1; 400-1100 m; 1, 2, 3; eswa; Jacentkovsky 1936, 1937; Belanovsky 1951; Hubenov 1990, 1992b, 1993a, 1993b, 2008a, 2008b, 2018.

***Billaea fortis* (Rondani, 1862)** – B1, V4, O5, O62, R1, R2, RE; 150-1200 m; 1, 2, 3; po; Hubenov 1983a, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Billaea irrorata* (Meigen, 1826)** – DW, DM, P1, B1, V1, V4, V5, S1, S21, S22, O5, R1, RW, RE; 30-1850 m; 1, 2, 3, 4; e; Tsankov et al. 1989; Hubenov 1992b, 1993a, 1993b, 1995a, 2001b, 2004, 2006, 2008a, 2008b, 2015c, 2016, 2017, 2018, 2019a; Georgiev 2001; Georgiev et al. 2004.

***Billaea maritima* (Schiner, 1862)** – ♠; mfe, dp; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Billaea pectinata* (Meigen, 1826)** – B1, B2, V1, V4, S1, S21, O3, O5, O62, R1, R2, R3, RW, RE; 100-1300 m; 1, 2, 3; swp, ? wp, ? mca; Jacentkovsky 1936, 1937; Hubenov 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Billaea steini* (Brauer & Bergenstamm, 1891)** – R3; 1000-1100 m; 3; des; Hubenov 1980a, 1988c, 1992b, 1993a, 1993b, 2008a, 2008b, 2015c.

***Billaea triangulifera* (Zetterstedt, 1844)** – B1, B2, V4, V5, R1, R2, RW; 820-1700 m; 2, 3, 4; tp, ? hoes; Hubenov 1977, 1990, 1992a, 1992b, 1993a, 1993b, 1996b, 2001b, 2006, 2008a, 2008b, 2015b, 2016, 2017, 2018, 2019a.

***Dinera carinifrons* (Fallén, 1817)** [*Myiocera*] – E1, B1, B2, V1, V3, V4, S1, S211, O5, O61, O62, R1, R2, R3, R5, RW, RE, BN; 100-2550 m; 1, 2, 3, 4, 5, 6; hoes; Nedelkov 1912; Jacentkovsky 1936, 1937; Hubenov 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1996a, 1996b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Dinera ferina* (Fallén, 1817)** [*Dexia*, *Myiocera*] – B1, B2, V1, V4, S1, S211, O3, O5, O61, O62, R1, R2, R3, RW, RE, BN; 0-1600 m; 1, 2, 3, 4; wces; Jacentkovsky 1936, 1937; Drensky 1942; Hubenov 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2017, 2018, 2019a.

***Dinera fuscata* Zhang & Shima, 2006** [*D. fuscata occidentalis* Ziegler, 2016] – ♠; po, wpo; O'Hara et al. 2020.

***Dinera grisescens* (Fallén, 1817)** – V4, S211, O61, R1, RW; 300-900 m; 1, 2; h; Jacentkovsky 1936, 1937; Trenchev 1980c; Hubenov 1990, 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2016, 2017, 2018.

***Estheria bohemani* (Rondani, 1862)** – V4, R2, RW; 1000-1850 m; 3, 4; e; Hubenov 1980a, 1992a, 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2015b, 2017, 2018.

***Estheria cristata* (Meigen, 1826)** – S21, R1, RW; 1000-1400 m; 3; eca; Hubenov 1980a, 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2016, 2017, 2018.

***Estheria petiolata* (Bonsdorff, 1866)** [*Dexiomorpha*] – B1, B2, V4, S21, S22, O3, O5, O62, R1, R2, R3, RW, RE; 150-1900 m; 1, 2, 3, 4; esca; Jacentkovsky 1936, 1937; Hubenov 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1996b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Estheria picta* (Meigen, 1826)** [*Dexiomorpha*] – B1, V1, V4, S1, O4, O5, O61, O62, R1, R2, RW; 150-1800 m; 1, 2, 3, 4; esca; Jacentkovsky 1936, 1937; Hubenov 1985b, 1988a, 1988b, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Dexia rustica* (Fabricius, 1775)** – B1, V4, S1, S22, O5, O62, R1, R2, R3, RW, RE, BN; 150-1200 m; 1, 2, 3; tp; Nedelkov 1912; Jacentkovsky 1936, 1937; Trenchev 1980c; Hubenov 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Prosena siberita* (Fabricius, 1775)** – B1, B2, V1, V3, V4, O3, O5, O61, R1, R2, R3, RW, RE, BN, BS; 0-1850 m; 1, 2, 3, 4; hpta, sk, i; Nedelkov 1912; Jacentkovsky 1936, 1937; Drensky 1942; Hubenov 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1996a, 1996b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Zeuxia brevicornis* (Egger, 1860)** [*Ptilozeuxia brachycera* Brauer et Bergenstamm, 1891)] – V1, O61; 300-600 m; 1; esca; Nedelkov 1912; Trenchev 1980c; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2016, 2017.

***Zeuxia cinerea* Meigen, 1826** – B1, V1, V3, V4, S1, O5, O61, O62, R1, R2, R3, RW, BS; 0-2000 m; 1, 2, 3, 4; wp; Nedelkov 1912; Jacentkovsky 1936, 1937; Trenchev 1980c; Hubenov 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1996b, 1999, 2001a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Zeuxia erythraea* (Egger, 1856)** [*Z. nigricornis* (Egger, 860)] – O61, R1; 300-400 m; 1; nmca; Trenchev 1980c; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2016, 2017.

***Zeuxia tricolor* (Portshinsky, 1881)** – ♠; em; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Eriothrix apenninus* (Rondani, 1862)** [*E. latifrons* Brauer, 1898] – B2, V1, V3, V4, S211, R1, R2, R3, RW; 750-2450 m; 2, 3, 4, 5, 6; wcp; Jacentkovsky 1936, 1937; Belanovsky 1951; Hubenov 1980a, 1988c, 1992a, 1992b, 1993a, 1993b, 1996b, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018; Trenchev 1980c.

***Eriothrix argyreatus* (Meigen, 1824)** – ♠; wcp; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Eriothrix inflatus* Kolomiets, 1967** [*E. chrysanthes* Kolomiets, 1967] – S211; 750-900 m; 2; ee; Trenchev 1980c; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Eriothrix prolixa* (Meigen, 1824)** – ♠; esca; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Eriothrix rufomaculatus* (De Geer, 1776)** [*E. lateralis* (Fabricius, 1775); *E. monochaeta* Wainwright, 1928] – B2, B3, V1, V3, V4, S1, S211, TL, T31, O5, R1, R2, R3, RW, RE, BN; 200-2450 m; 1, 2, 3, 4, 5, 6; tp; Nedelkov 1912; Jacentkovsky 1936, 1937; Trenchev 1980c; Hubenov 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b,

1993a, 1993b, 1995a, 1995b, 1996a, 1996b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Trafoia monticola* Brauer & Bergenstamm, 1893** – S211; 750-900 m; 2; e; Trenchev 1980c; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Campylocheta inepta* (Meigen, 1824)** – RW; 1240-1260 m; 3; wcp; Lutovinovas et al. 2022.

? *Campylocheta latigena* Mesnil, 1974 – ♠; e; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Campylocheta similis* Ziegler & Shima, 1996** – ♠; des; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Blepharomyia pagana* (Meigen, 1824)** [*B. amplicornis* (Zetterstedt, 1844)] – DW, P1, S211; 40-1000 m; 1, 2; des; Ganchev 1977; Lavchiev et al. 1977; Mamoon 1978a, 1978b; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b.

***Blepharomyia piliceps* (Zetterstedt, 1859)** – O62, R2; 300-400 m; 1; e, bm; Mamoon 1978b; Trenchev 1980c; Hubenov 1985a, 1985b, 1988a, 1988b, 1992b, 1993a, 1993b, 1996a, 2008a, 2008b; Beschovski & Hubenov 1986.

***Peteina erinaceus* (Fabricius, 1794)** [*Petina*] – S211; 700-900 m; 2; esca; Zonati 1978; Trenchev 1980c; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Ramonda prunaria* (Rondani, 1861)** [*Wagneria*] – O3; 400-450 m; 1; esca, ? wces; Trenchev 1980c; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Ramonda spathulata* (Fallén, 1820)** [*Wagneria*] – DW, P1, V4, O5, O62, S211, R1, R2, R3; 50-1450 m; 1, 2, 3, 4; tp; Mamoon 1978a, 1978b; Trenchev 1980c; Hubenov 1982a, 1985a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018; Beschovski & Hubenov 1986.

***Periscepsia carbonaria* (Panzer, 1798)** [*Wagneria*] – P1, V1, V4, TL, O3, R1, R2, RW, BN; 0-1300 m; 1, 2, 3; Nedelkov 1912; Trenchev 1980c; Hubenov 1992a, 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2015b, 2016, 2017, 2018.

***Wagneria costata* (Fallen, 1815)** – V1, TL; 170-600 m; 1; e; Nedelkov 1912; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Wagneria cunctans* (Meigen, 1824)** – ♠; csena; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b.

***Wagneria gagatea* Robineau-Desvoidy, 1830** – ♠; des; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b.

***Athrycia curvinervis* (Zetterstedt, 1844)** – RW; 1170 m; 3; hoes; Lutovinovas et al. 2022.

***Athrycia impressa* (van der Wulp, 1869)** – R2, R3; 1100-1300 m; 3; esca; Hubenov 1980a, 1988c, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2017.

***Athrycia trepida* (Meigen, 1824)** [*A. flavipalpis* Robineau-Desvoidy, 1863; *Blepharigena*] – B1, V4, O5, O62, R1, R2, RW, RE; 100-1350 m; 1, 2, 3; tp; Lavchiev et al. 1977; Hubenov 1982a, 1985b, 1988a, 1988b, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Voria ruralis* (Fallén, 1810)** [*Plagia*] – B1, B2, V1, V4, TL, O5, O61, R1, R2, RW; 200-1800 m; 1, 2, 3, 4; k; Nedelkov 1912; Jacentkovsky 1936, 1937; Nikolova 1972; Trenchev 1980c; Hubenov 1985a, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1996a, 1996b, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Cyrtophloeba ruricola* (Meigen, 1824)** – ♠; 200-1200 m; 1, 2, 3; tp; Dochkova 1971, 1972; Trenchev 1980c; Hubenov 1985a, 1992b, 1993a, 1993b, 2008a, 2008b; O'Hara et al. 2020.

***Hyleorus elatus* (Meigen, 1838)** [*Plagia*, *Steiniomyia*] – V1, O62, R2, R3; 300-1300 m; 1, 2, 3; po; Lavchiev et al. 1977; Trenchev 1980c; Hubenov 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2017; Beschovski & Hubenov 1986.

***Klugia marginata* (Meigen, 1824)** – S211; 750-900 m; 2; esca; Trenchev 1980c; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Phyllomya volvulus* (Fabricius, 1794)** – B1, V4, O3, O5, O61, O62, R1, R2, RE; 120-1750 m; 1, 2, 3, 4; tp; Jacentkovsky 1936, 1937; Belanovsky 1951; Trenchev 1980c; Hubenov 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Thelaira leucozona* (Panzer, 1809)** – V1; 600 m; 1, 2; po; Nedelkov 1912; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Thelaira nigripes* (Fabricius, 1794)** – B1, V4, O4, O5, O61, O62, R1, R2, R3, RW, RE; 120-1300 m; 1, 2, 3; po; Jacentkovsky 1936, 1937; Mamoon 1878b; Trenchev 1980c; Hubenov 1985b, 1988a, 1988b, 1988c, 1990,

1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Thelaira solivaga* (Harris, 1780)** – ♠; po; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Halidaya aurea* Egger, 1856** – V1, V4, O5, O62, R1, R2, R3, BN; 300-1100 m; 1, 2, 3; po; Lavchiev et al. 1977; Hubenov 1985a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018; Beschovski & Hubenov 1986.

***Stomina caliendrata* (Rondani, 1862)** [*Morphomyia*] – B1, V1, V4, S1, O5, O62, R1, R2, RE; 350-1100 m; 1, 2, 3; swp, ? mwca; Jacentkovsky 1936, 1937; Hubenov 1985b, 1988a, 1988b, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Stomina iners* (Meigen, 1838)** [*S. varians* Villeneuve, 1930] – P1, V1, S1, O61, R1, R2, RW; 120-1100 m; 1, 2, 3; mit; Jacentkovsky 1936, 1937; Trenchev 1980c; Hubenov 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2016, 2017.

***Stomina tachinoides* (Fallén, 1817)** – V1, V4, S1, O5, O61, R1, R2, RE; 350-1200 m; 1, 2, 3; wcp; Jacentkovsky 1936, 1937; Trenchev 1980c; Hubenov 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018; Beschovski & Hubenov 1986.

***Rhamphina pedemontana* (Meigen, 1824)** – B2, V4, O5, R1, R2; 800-1800 m; 2, 3, 4; se; Hubenov 1992a, 1992b, 1993a, 1993b, 1995a, 1996a, 1996b, 2008a, 2008b, 2015b, 2015b, 2015c, 2016, 2017, 2018; Hubenov et al. 2000a; Tschorsnig et al. 2005, 2009.

***Dufouria chalybeata* (Meigen, 1824)** [*Minella*] – V4, O62, R2, R3, RE; 140-1300 m; 1, 2, 3; tp; Nedelkov 1912; Hubenov 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1996a, 2004, 2008a, 2008b, 2015b, 2015c, 2017, 2018; Beschovski & Hubenov 1986.

***Dufouria nigrita* (Fallén, 1810)** – V4, S211, O5, O62, R1, R2, R3, RW; 150-1300 m; 1, 2, 3; wcp; Hubenov 1980a, 1985a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018; Trenchev 1980c; Pavlov 1981; Beschovski & Hubenov 1986.

***Dufouria occlusa* (Robineau-Desvoidy, 1863)** [*D. nitida* Brauer et Bergenstamm, 1891] – V1; 550-600 m; 1; e; Lavchiev et al. 1977; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Chetoptilia puella* (Rondani, 1862)** – O5, R2, RW; 150-800 m; 1, 2; des; Hubenov 1983a, 1992a, 1992b, 1993a, 1993b, 1995a, 2006, 2008a, 2008b, 2015b, 2015c, 2017.

***Rondania fasciata* (Macquart, 1834)** – R2, RW; 1260-1500 m; 3, 4; wes; Lutovinovas et al. 2022.

***Rondania dimidiata* (Meigen, 1824)** – S211; 750-850 m; 2; wces; Trenchev 1980c; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Microsoma exiguum* (Meigen, 1824)** [*Campogaster*] – V4; 880 m; 2; dp; Trenchev 1980c; Hubenov 1992b, 1993a, 1993b, 1996a, 2008a, 2008b, 2018.

***Freraea gagatea* Robineau-Desvoidy, 1830** – ♠; wcp, ? wces; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Redtenbacheria insignis* Egger, 1861** – R1; 1300-1350 m; 3; tp; Hubenov 1980a; 1992b, 1993a, 1993b, 1996a, 2008a, 2008b.

***Euthera fascipennis* (Loew, 1854)** – S23; 231 m; 1; ptm; Dvořák et al. 2021.

***Eliozeta helluo* (Fabricius, 1805)** [*Clytiomyia*, *Heliozeta*] – DW, B1, V1, V4, S211, O5, R1, R2, R3, RW, RE, BN, BS; 0-950 m; 1, 2; tp; Grigorov 1959; Lazarov et al. 1969; Kaytazov 1971a; Trenchev 1980b; Hubenov 1983b, 1985a, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 2001b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Harizanov & Harizanova 1997.

***Eliozeta pellucens* (Fallén, 1820)** [*Clytiomyia*, *Heliozeta*] – DW, B1, B3, V4, S1, O3, O5, O62, R1, R2, R3, RW, RE; 55-1000 m; 1, 2; dp; Jacentkovsky 1936, 1937; Trenchev 1980b; Hubenov 1985a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Clytiomya continua* (Panzer, 1798)** [*Clytiomyia dalmatica* (Robineau-Desvoidy, 1830] – B1, V4, S1, S211, O5, O62, R1, R2, R3, RW, RE, BS; 5-1350 m; 1, 2, 3; tp; Jacentkovsky 1936, 1937; Trenchev 1980b; Hubenov 1985a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Clytiomya sola* (Rondani, 1861)** – ♠; hom; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Ectophasia crassipennis* (Fabricius, 1794)** [*Phasia*] – ♦; DM, E2, P1, B1, B2, B3, V1, V4, S211, T31, O4, O5, O61, O62, R1, R2, R3, RW, RE, BN, BS; 0-1650 m; 1, 2, 3, 4; 0-1700 m; tp; Löw 1862, 1863; Nedelkov 1912;

Jacentkovsky 1936, 1937; Lazarov et al. 1969; Kaytazov 1971a; Trenchev 1980b; Hubenov 1982b, 1983b, 1985a, 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986; Kontev et al. 1991.

***Ectophasia leucoptera* (Rondani, 1865)** [? *Phasia nigerrima* Hubenov, 1982] – O62, R2, RE, BS; 0-400 m; 1; nmwca; Hubenov 1982c, 1985a, 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1999, 2001a, 2004, 2008a, 2008b, 2015b, 2017; Herting 1984; Beschovski & Hubenov 1986; Herting & Dely-Draskovits 1993.

***Ectophasia oblonga* (Robineau-Desvoidy, 1830)** [*E. rubra* (Girschner, 1888; *Phasia*] – B1, V4, O5, O62, R1, R2, R3, RW, RE, BN; 100-1400 m; 1, 2, 3; wp; Hubenov 1982a, 1982b, 1983b, 1985a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Subclytia rotundiventris* (Fallén, 1820)** – ♠; tp; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Gymnosoma clavatum* (Rohdendorf, 1947)** [*G. verbekei* (Mesnil, 1952)] – B1, V4, O5, O62, R1, R2, R3, RW, RE, BN, BS; 0-1700 m; 1, 2, 3, 4; tp; Hubenov 1977, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Lavchiev et al. 1977; Beschovski & Hubenov 1986.

***Gymnosoma costata* (Panzer, 1800)** – V4, O62, R1, R2, RE; 100-950 m; 1, 2; wcp, ? tp, ? e; Hubenov 1983a, 1985b, 1988a, 1988b, 1990, 1992a, 1992b, 1993a, 1993b, 1999, 2001a, 2004, 2008a, 2008b, 2015b, 2016, 2017, 2018; Beschovski & Hubenov 1986.

***Gymnosoma desertorum* (Rohdendorf, 1947)** – DW, S211, TL, O5, O62, R2, R3, RE; 60-1250 m; 1, 2, 3; po; Hubenov 1980b, 1985a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2004, 2008a, 2008b, 2015b, 2015c, 2017; Trenchev 1980b; Beschovski & Hubenov 1986.

***Gymnosoma dolycoridis* Dupuis, 1961** – B1, B2, V1, V4, S21, S211, O5, O62, R1, R2, R3, RW, RE, BS; 0-1360 m; 1, 2, 3; po; Lavchiev et al. 1977; Trenchev 1980b; Beschovski & Hubenov 1986; Hubenov 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1996b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Gymnosoma inornatum* Zimin, 1966** – DW, V4, O5, O62, R1, R2, R3, RE, BN; 0-1250 m; 1, 2, 3; po; Hubenov 1977, 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2004, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018; Trenchev 1980b; Beschovski & Hubenov 1986.

***Gymnosoma nitens* Meigen, 1824** – B1, V3, V4, S1, O5, R1, R2, R3, R4, RW; 550-1400 m; 1, 2, 3; esca; Jacentkovsky 1936, 1937; Hubenov 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1996a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a.

***Gymnosoma nudifrons* Herting, 1966** – O5, R2, R3; 580-1300 m; 1, 2, 3; tp; Hubenov 1980a, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2017.

***Gymnosoma rotundatum* (Linnaeus, 1758)** – DW, DM, E1, P1, P2, B1, B2, B3, V1, V4, S1, S21, S211, TL, O3, O5, O61, O62, R1, R2, R3, RW, RE, BN, BS; 0-1800 m; 1, 2, 3, 4; po; Joakimoff 1899; Nedelkov 1912; Jacentkovsky 1936, 1937; Trenchev 1980b; Hubenov 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1996b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Gymnosoma rungsi* (Mesnil, 1952)** – ♠; swp, mit, ? mwca; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Cistogaster globosa* (Fabricius, 1775)** – V1, S211, R2, BS; 0-800 m; 1, 2; ess; Nedelkov 1912; Trenchev 1980b; Hubenov 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2017.

***Opesia cana* (Meigen, 1824)** [*Xysta*] – V4, R2, RE; 350-1120 m; 1, 2, 3; tp; Hubenov 1983a, 1992a, 1992b, 1993a, 1993b, 2004, 2008a, 2008b, 2015b, 2017, 2018.

***Opesia grandis* (Egger, 1860)** [*Xysta*] – BS; 0-10 m; 1; tp; Hubenov 1977, 1992b, 1993a, 1993b, 2008a, 2008b.

***Elomya lateralis* (Meigen, 1824)** [*Ananta*, *Helomyia*] – B1, V1, V4, S1, S211, TL, O5, O62, R1, R2, R3, RW, RE; 90-1400 m; 1, 2, 3; tp; Nedelkov 1912; Grigorov 1959; Lazarov et al. 1969; Kaytazov 1971a; Trenchev 1980b; Hubenov 1985a, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Phasia* (*Phasia*) *aurigera* (Egger, 1860)** [*Alophora*, *Hyalomyia*] – S1; 260-720 m; 1, 2; dp; Draber-Mońko 1965; Nikolova 1972; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Phasia* (*Phasia*) *aurulans* Meigen, 1824** [*Alophora*] – V1, S211, O61, R1; 320-900 m; 1, 2; h; Lavchiev et al. 1977; Trenchev 1980b; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2016, 2017.

***Phasia* (*Phasia*) *hemiptera* (Fabricius, 1794)** [*Alophora*] – O61, R1, R3; 320-1000 m; 1, 2; tp, ? hoes; Nedelkov 1912; Trenchev 1980b; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2016, 2017.

***Phasia* (*Phasia*) *obesa* (Fabricius, 1798)** [*Alophora*, *Alophorella*, *Hyalomyia*] – B1, V4, S1, S211, O5, O61, O62, R1, R2, R3, RW, RE, BS; 0-1700 m; 1, 2, 3, 4; tp, ? hop; Jacentkovsky 1936, 1937; Belanovsky 1951; Draber-Mońko 1965; Trenchev 1980b; Hubenov 1983a, 1985a, 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Phasia* (*Phasia*) *subcoleoptrata* (Linnaeus, 1767)** [*Alophora*] – DW, P1, B1, B2, V4, O5, O61, R1, R2, RW, RE; 30-1400 m; 1, 2, 3; tp; Nedelkov 1912; Lazarov et al. 1969; Kaytazov 1971a; Trenchev 1980b; Hubenov 1985a, 1992a, 1992b, 1993a, 1993b, 1995a, 1996b, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Harizanov & Harizanova 1997.

***Phasia* (*Hyalomyia*) *pandellei* (Dupuis, 1957)** [*Alophora*] – DW; 290 m; 1; e; Hubenov 1980b, 1992b, 1993a, 1993b, 2008a, 2008b.

***Phasia* (*Hyalomyia*) *pusilla* Meigen, 1824** [*Alophora*, *Parallophora*, *Hyalomyia*] – E1, E2, B1, V1, V4, S1, TL, O5, O61, O62, R1, R2, RW, RE; 85-1200 m; 1, 2, 3; po; Jacentkovsky 1936, 1937; Draber-Mońko 1965; Trenchev 1980b; Hubenov 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Xysta holosericea* (Fabricius, 1805)** [*Kiritshenkia]* – V1; 600 m; 1, 2; mi; Lavchiev et al. 1977; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Catharosia pygmaea* (Fallén, 1815)** – DM, S211, BS; 0-800 m; 1, 2; wcp; Hubenov 1977, 1992b, 1993a, 1993b, 2008a, 2008b; Trenchev 1980c.

***Litophasia hyalipennis* (Fallén, 1815)** – ♠; e; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Strongygaster globula* (Meigen, 1824)** [*Tamiclea*] – S21, S211, TL, R2; 20-850 m; 1, 2; hoes, ? tes; Hubenov 1980a, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2017; Trenchev 1980b.

***Dionaea aurifrons* (Meigen, 1824)** – B1, V4, S211, O5, O62, R1, R2, R3, RW, RE, BS; 0-1550 m; 1, 2, 3, 4; tp, ? dp; Hubenov 1977, 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Trenchev 1980b; Beschovski & Hubenov 1986.

***Eulabidogaster setifacies* (Rondani, 1861)** – RW; 400 m; 1; wcp; Jacentkovsky 1936, 1937; Hubenov 1992b, 1993a, 1993b, 2006, 2008a, 2008b.

***Leucostoma abbreviatum* Herting, 1971** – ♠; mit; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Leucostoma anthracinum* (Meigen, 1824)** – O62, R2; 250-300 m; 1; ? wcp; Hubenov 1982a, 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2017; Beschovski & Hubenov 1986.

***Leucostoma engeddense* Kugler, 1966** – ♠; atm; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Leucostoma nudifacies* Tschorsnig, 1991** – ♠; sesfe; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Leucostoma simplex* (Fallén, 1815)** – S1; 280 m; 1; sk, i; Jacentkovsky 1936, 1937; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Leucostoma tetraptera* (Meigen, 1824)** [*L. anale* (Meigen, 1824); *Pseudoleucostoma slivense* Jacentkovsky, 1937; *P. buresi* Jacentkovsky, 1938] – E1, S1, V4, O5, O61, R1, R2, RW, BS; 0-1300 m; 1, 2, 3; pat; Jacentkovsky 1936, 1937, 1938; Belanovsky 1951; Josifov 1957; Herting 1984; Hubenov 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018; Beschovski & Hubenov 1986; Herting & Dely-Draskovits 1993; Tschorsnig et al. 2005, 2009.

***Leucostoma turonicum* Dupuis, 1964** – ♠; csei; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Clairvillia biguttata* (Meigen, 1824)** – B1, V3, V4, O5, O62, R1, R2, RW, RE, BS; 0-1130 m; 1, 2; dp; Jacentkovsky 1936, 1937; Hubenov 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 1996a, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Clairvillia pninae* Kugler, 1971** – ♠; hom; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Labigastera forcipata* (Meigen, 1824)** [*Dionaea*] – V4, O5, R1, R2, RW; 800-1300 m; 2, 3; wes; Hubenov 1982a; 1992a, 1992b, 1993a, 1993b, 1995a, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018.

***Labigastera nitidula* (Meigen, 1824)** – ♠; swp, mt; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Labigastera pauciseta* (Rondani, 1861)** [*Dionaea*] – V4, O5, R2, BS; 0-1300 m; 1, 2, 3; e, csei; Hubenov 1977, 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2017, 2018.

***Weberia digramma* (Meigen, 1824)** – ♠; mt; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Lophosia* (*Lophosia*) *fasciata* Meigen, 1824** – S211; 700-900 m; 2; po; Trenchev 1980b; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Cylindromyia* (*Exogaster*) *rufifrons* (Loew, 1844)** – TL; 200 m; 1; nmwca, ? mwca; Nedelkov 1912; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Cylindromyia* (*Cylindromyia*) *bicolor* (Olivier, 1812)** [*Ocyptera*] – B1, V1, V4, S1, S211, TL, O5, O62, R1, R2, R3, RW, RE, BN, BS; 0-1300 m; 1, 2, 3; cseit; Nedelkov 1912; Trenchev 1980b; Hubenov 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Cylindromyia* (*Cylindromyia*) *brassicaria* (Fabricius, 1775)** [*Ocyptera*] – DW, E1, P1, P2, B1, B2, V1, V3, V4, S1, TL, O3, O5, O61, O62, R1, R2, R3, RW, RE, BN; 30-1800 m; 1, 2, 3, 4; po, ? hop; Joakimoff 1899; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937; Dupuis 1963; Trenchev 1980b; Hubenov 1985b, 1988a, 1988b, 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 1996b, 1999, 2001a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Cylindromyia* (*Cylindromyia*) *brevicornis* (Loew, 1844)** [*Ocyptera*] – E1, V4, O5, O61, R1, R2; 100-1300 m; 1, 2, 3; des; Jacentkovsky 1936, 1937; Hubenov 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2016, 2017, 2018.

***Cylindromyia* (*Cylindromyia*) *crassa* (Loew, 1845)** [*Dupuisia*] – V3, V4, S1, S211, R1, R3, RW, BS; 0-1100 m; 1, 2, 3; mss; Lavchiev et al. 1977; Trenchev 1980b; Hubenov 1988c, 1990, 1992a, 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018.

***Cylindromyia* (*Cylindromyia*) *pilipes* (Loew, 1844)** – DM, V4, S1, TL, O62, R1, R2, RW, BS; 0-1200 m; 1, 2, 3; wcp; Nedelkov 1912; Jacentkovsky 1936, 1937; Hubenov 1985b, 1988a, 1988b, 1990, 1992a, 1992b, 1993a, 1993b, 1999, 2001a, 2006, 2008a, 2008b, 2015b, 2016, 2017, 2018; Beschovski & Hubenov 1986.

***Cylindromyia* (*Cylindromyia*) *rubida* (Loew, 1854)** [*Exogaster*, *Plesiocyptera*] – V4; 800-900 m; 2; swppt; Nedelkov 1912; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2018.

***Cylindromyia* (*Cylindromyia*) *xylotina* (Egger, 1860)** – ♠; cse; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Cylindromyia* (*Ocypterula*) *pusilla* (Meigen, 1824)** – V1, R1; 600-1300 m; 2, 3; tp; Nedelkov 1912; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b, 2016, 2017.

***Cylindromyia* (*Conopisoma*) *rufipes* (Meigen, 1824)** – ♠; swppt; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Cylindromyia* (*Calocyptera*) *intermedia* (Meigen, 1824)** [*C. scalaris* (Loew, 1844); *Ocyptera cylindrica* (Meigen, 1824); *O. boscii* Bezzi & Stein, 1907] – E1, V4, S1, S211, O5, O61, O62, R1, R2, RW, RE, BN, BS; 0-1300 m; 1, 2, 3; hn; Nedelkov 1909, 1912; Jacentkovsky 1936, 1937; Drensky 1942; Trenchev 1980b; Hubenov 1985b, 1988a, 1988b, 1990, 1992a, 1992b, 1993a, 1993b, 1995a, 2004, 2006, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018; Beschovski & Hubenov 1986.

***Cylindromyia* (*Neocyptera*) *auriceps* (Meigen, 1838)** [*Ocyptera*] – B1, V4, S1, T31, R2, RW, BS; 0-1200 m; 1, 2, 3; tp; Jacentkovsky 1936, 1937; Trenchev 1980b; Hubenov 1992a, 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2015b, 2017, 2018, 2019a.

***Cylindromyia* (*Neocyptera*) *hermonensis* Kugler, 1974** – R2; 350-370 m; 1; ? hom; Hubenov 1982a, 1985b, 1988a, 1988b, 1992b, 1993a, 1993b, 2008a, 2008b; Beschovski & Hubenov 1986.

***Cylindromyia* (*Neocyptera*) *interrupta* (Meigen, 1824)** – V4, O5, R2; 700-1300 m; 2, 3; h; Hubenov 1982a, 1992a, 1992b, 1993a, 1993b, 1995a, 2008a, 2008b, 2015b, 2015c, 2017, 2018.

***Hemyda obscuripennis* (Meigen, 1824)** – ♠; dpo; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Hemyda vittata* (Meigen, 1824)** [*Phania*] – V4, O5, R2, RE, BN; 700-1100 m; 2, 3; hoes, ? tp; Hubenov 1983a, 1992a, 1992b, 1993a, 1993b, 1995a, 1995b, 2004, 2008a, 2008b, 2015b, 2015c, 2017, 2018.

***Besseria anthophila* (Loew, 1871)** [*Apostrophus*] – B2, R1; 1300-1400 m; 3; h; Jacentkovsky 1936, 1937; Hubenov 1992b, 1992b, 1993a, 1993b, 1996a, 1996b, 2008a, 2008b, 2016, 2017.

***Besseria dimidiata* (Zetterstedt, 1844)** – V4; O3, O62, R2; 300-1100 m; 1, 2, 3; cse; Belanovsky 1951; Trenchev 1980b; Hubenov 1985b, 1988a, 1988b, 1990, 1992a, 1992b, 1993a, 1993b, 1999, 2001a, 2008a, 2008b, 2015b, 2017, 2018; Beschovski & Hubenov 1986.

***Besseria lateritia* (Meigen, 1824)** [*Phaniosoma*] – O5, O62, R2, R3, BS; 0-600 m; 1; mit; Hubenov 1977, 1985b, 1988a, 1988b, 1988c, 1992a, 1992b, 1993a, 1993b, 2008a, 2008b, 2015b, 2015c, 2017; Beschovski & Hubenov 1986.

***Besseria melanura* (Meigen, 1824)** – V1, S211; 600-850 m; 1, 2; wcp; Nedelkov 1912; Trenchev 1980b; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

***Besseria reflexa* Robineau-Desvoidy, 1830** [*Wahlbergia appendiculata* (Perris, 1852)] – V3, V4, S1; 300-800 m; 1, 2; cse; Jacentkovsky 1936, 1937; Tschorsnig et al. 2005, 2009; Hubenov 1993a, 1993b, 2008a, 2008b.

***Phania curvicauda* (Fallén, 1820)** [*Weberia*] – V1, S211, R3, RW; 600-1100 m; 2, 3; ei; Nedelkov 1912; Trenchev 1980b; Hubenov 1988c, 1992b, 1993a, 1993b, 2006, 2008a, 2008b, 2015c.

***Phania funesta* (Meigen, 1824)** [*Weberia pseudofunesta* (Villeneuve, 1931)] – B1, V3, V4, O5, O62, R1, R2, RE, BS; 0-850 m; 1, 2; ei; Jacentkovsky 1936, 1937; Belanovsky 1951; Hubenov 1985b, 1988a, 1988b, 1992a, 1992b, 1993a, 1993b, 1995a, 1999, 2001a, 2004, 2008a, 2008b, 2015b, 2015c, 2016, 2017, 2018, 2019a; Beschovski & Hubenov 1986.

***Phania incrassata* Pandellé, 1894** – ♠; cse; Tschorsnig et al. 2005, 2009; Hubenov 2008a, 2008b; O'Hara et al. 2020.

***Phania speculifrons* (Villeneuve, 1919)** [*Weberia*] – V1; 600 m; 1; cse, ? e; Lavchiev et al. 1977; Hubenov 1992b, 1993a, 1993b, 2008a, 2008b.

Conclusion

A total of 5038 species of order Diptera (Nematocera – 1672 species, Brachycera – 3366 species), belonging to 110 families, has been established in Bulgaria so far. The families Chironomidae (327 species – 6.5%), Mycetophilidae (263 species – 5.2%) and Cecidomyiidae (262 species – 5.2%) of Nematocera and Tachinidae (425 species – 8.4%), Syrphidae (303 species – 6.0%) and Muscidae (267 species – 5.3%) of Brachycera are the most numerous. Of the established species, 61 are pests on the forestry or agriculture and 75 species have a human or veterinary medical significance. The distribution of dipterans in the different regions of Bulgaria is presented. The vertical distribution of the families is considered. The greatest number of species has been found in the zone of the xerothermic oak forests (3362 species – 66.7%). The dipterous fauna can be divided into 2 main groups: 1) species with Mediterranean type of distribution (515 species – 10.2%) – more thermophilic and distributed mainly in the southern parts of the Palaearctic and the lower parts of the mountains. The species of the southern type, distributed in the Palaearctic and beyond it, can be formally related to this group as well; 2) species with Palaearctic and Eurosiberian type of distribution (4377 species – 87.2%) – more eurybiontic and widely distributed in the Palaearctic. The species of the northern type, distributed in the Palaearctic and beyond it, can be formally related to this group as well. The zoogeographical character of the Diptera fauna is determined by the second group. The South European and Southeast European forms are the most numerous in the first group. The European and Holarctic taxa prevail in the second group. A total of 128 (2.5%) endemics has been found. The endemism is better presented in Nematocera (60 species – 3.6%) than in Brachycera (68 species – 2.0%). The distribution of the zoogeographical categories in the separate vegetation belts of Bulgaria is scrutinized. The variety of areographical categories (150) decreases with altitude. The bibliography contains 1372 publications.

Xerothermic oak forests (3362 species or 66.7%). Of the species with Mediterranean type of distribution (372 species or 11.1%) the Southeast European, South European, Holomediterranean and South European-North African taxa are the most numerous. Of the species with Palaearctic and Eurosiberian type of distribution (2918 species or 86.8%) – the European, Holarctic, Transpalaearctic, West Palaearctic, Palaearctic-Oriental, West and Central Palaearctic, Holarctic-Oriental and Disjunct Eurosiberian taxa are best represented. This belt includes the greatest number of areographical categories – 143. The main part of the endemic forms has been established

in this belt – 72 species (2.1%). The Balkan and Bulgarian endemics prevail. Most Mediterranean species (324 species or 9.6%) are represented.

Xeromesophyllic and mesophyllic mixed (oak-hornbeam) forests (2598 species or 51.8%). Of the species with Mediterranean type of distribution (153 species or 5.9%) the Holomediterranean, North Mediterranean and South European taxa are the most numerous. Of the species with Palaearctic and Eurosiberian type of distribution (2421 species or 93.2%) the European, Holarctic, Transpalaearctic, West Palaearctic, Disjunct Eurosiberian and Palaearctic-Oriental taxa are best represented. The percentage of the Mediterranean species (133 species or 5.1%) and endemics (24 species or 0.9%) decreases. The Bulgarian endemics prevail.

Beech forests (2272 species or 45.3%). Of the species with Mediterranean type of distribution (103 species or 4.5%) the South European, Southeast European and Holomediterranean taxa are the most numerous. Of the species with Palaearctic and Eurosiberian type of distribution (2134 species or 93.9%) the European, Holarctic, Transpalaearctic, Disjunct Eurosiberian, West Palaearctic, Palaearctic-Oriental and Holoeurosiberian taxa are best represented. The number of the areographical categories decreases significantly. The percentage of the endemics increases (35 species or 1.5%). The Bulgarian endemics prevail.

Coniferous forests (1123 species or 22.4%). Of the species with Mediterranean type of distribution (36 species or 3.2%) two Super-Palaearctic forms of southern type (South Palaearctic-Oriental) are represented. The South European, Holomediterranean, Balkan-Anatolian and Central and South European-North African taxa are the most numerous. Of the species with Palaearctic and Eurosiberian type of distribution (1065 species or 94.8%) the European, Holarctic, Transpalaearctic and Disjunct Eurosiberian taxa prevail. The number of the areographical categories and the percentage of the Mediterranean forms decrease significantly (34 species or 3.0%). The Bulgarian endemics prevail.

Subalpine vegetation (348 species or 6.9%). Of the species with Mediterranean type of distribution (12 species or 3.4%) the Super-Palaearctic forms are not presented. All areographical categories are presented with one species each. Of the species with Palaearctic and Eurosiberian type of distribution (330 species or 94.8%) the European and Holarctic taxa prevail. The percentage of the Mediterranean forms is considerably decreased. The areographical categories are decreased. Four Bulgarian and two regional endemics are established. Forty families are represented. It is of interest that the species *Cremifania bulgarica* Papp, 2010 (family Cremifaniidae, recorded from the Rila Mts. at 2250 m a.s.l.) is found and described – third Palaearctic species of the family).

Alpine vegetation (57 species or 1.1%). This zone is best presented in the Rila and Pirin Mts. Two species with Mediterranean type of distribution and forty-one species with Palaearctic and Eurosiberian type of distribution (28 areographical categories, of which 15 are represented by one species each) have been established. The Holarctic, European and Cosmopolitan forms are represented by more species. Twenty-one families (4 of Nematocera and 17 of Brachycera) have been established. In the alpine zone, one Bulgarian endemic (*Molophilus lautereri* Stary, 1974 of the family Limoniidae) is known, reported from the Rila Mts. In the alpine zone, there is no a faunistic similarity between the Rila and Pirin Mts. With the exception of 4-5 families, there is almost no studies on the two-winged insects in this zone of the high Bulgarian mountains.

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