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## **ON THE FAMILY MYCETOPHILIDAE (INSECTA: DIPTERA) IN BULGARIA**

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Bechev, D. (2010) On the family Mycetophilidae (Insecta: Diptera) in Bulgaria. *ZooNotes*, Supplement 1, 72 pp.

**Abstract.** The current paper presents faunistic data (localities, vertical distribution, vegetation belts and seasonal activity) for 250 fungus gnats species of the family Mycetophilidae known for Bulgaria till the year 2009.

**Key words:** Mycetophilidae, Bulgaria, faunistics, UTM-codes, catalog.

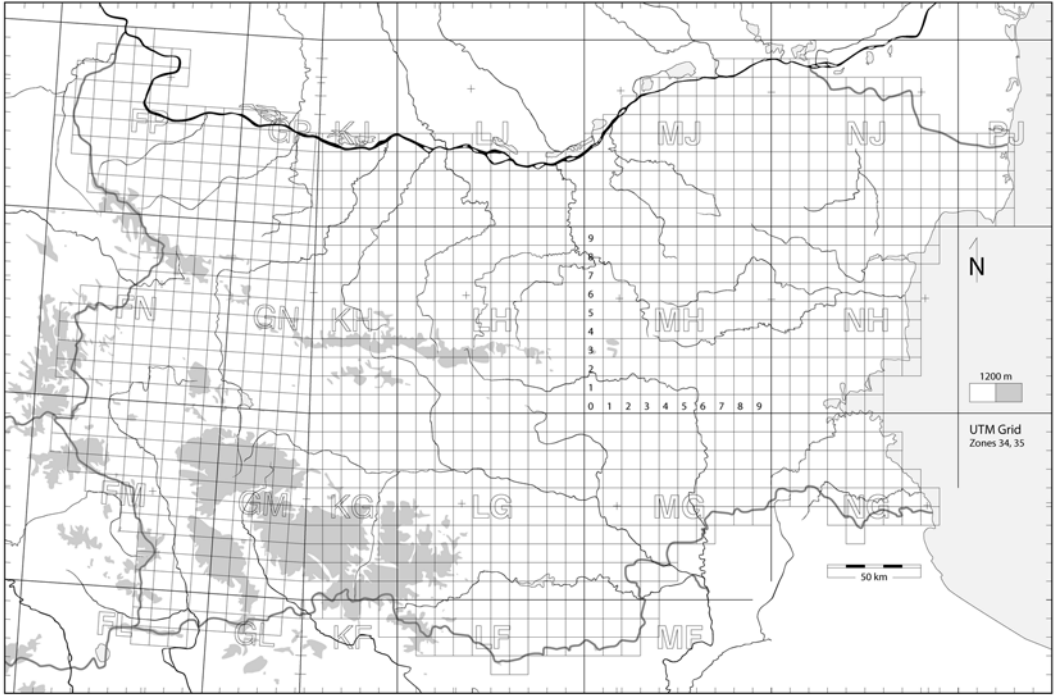
### **INTRODUCTION**

The present work summarized all known records of the family Mycetophilidae in Bulgaria (250 species from 51 genera) published up to the year 2009 including. They have been updated by including a large number of new localities.

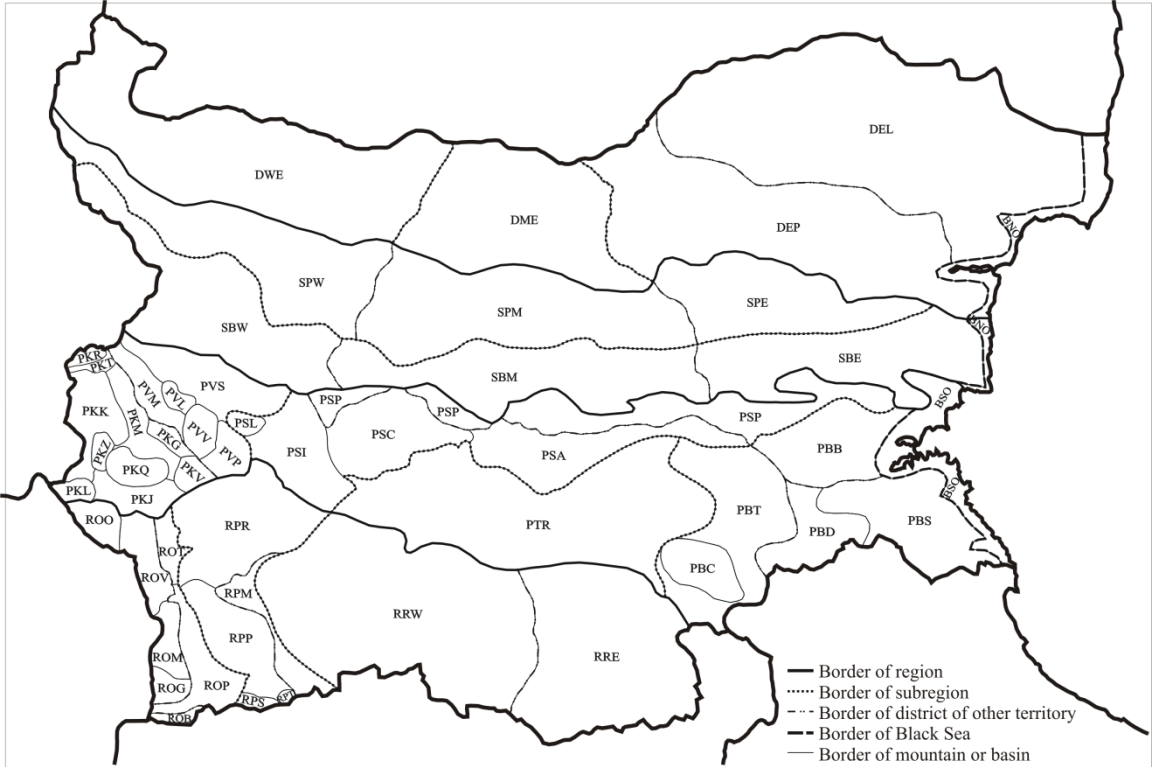
### **MATERIAL AND METHODS**

The following information about each of the species is presented: valid taxonomic name, bibliography and synonymy in Bulgaria, horizontal distribution between the geographic regions of Bulgaria with localities and UTM-codes (see Fig. 1), date and number of specimens, vertical distribution in Bulgaria (in meters and vegetation belts), seasonal activity (months are written in Roman numbers).

The geographic regions of Bulgaria (Fig. 2, Table 1) are after Hubenov (1997), and vertical vegetation belts (Table 2) after Velchev *et al.* (1982).



**Fig. 1.** UTM-map of Bulgaria.



**Fig. 2.** Geographic regions of Bulgaria after Hubenov (1997).

**Table 1.** Geographic regions of Bulgaria after Hubenov (1997).

| <b>Abbreviation</b> | <b>Region</b>                     |
|---------------------|-----------------------------------|
| BNO                 | Northern Black Sea coast          |
| BSO                 | Southern Black Sea coast          |
| DEL                 | Ludogorie-Dobrudzha district      |
| DEP                 | Popovo-Provadiya district         |
| DM                  | Middle Danube Plain               |
| DW                  | Western Danube Plain              |
| PBB                 | Bakadzhiksko-Burgas district      |
| PBC                 | Sakar Mt.                         |
| PBD                 | Strandzhansko-Derventski district |
| PBS                 | Strandzha Mt.                     |
| PBT                 | Sakar-Tundzha district            |
| PKG                 | Golo Bardo Mt.                    |
| PKK                 | Kraishte                          |
| PKQ                 | Konyavska Planina Mt.             |
| PKR                 | Ruy Mt.                           |
| PKV                 | Verila Mt.                        |
| PKZ                 | Zemenska Planina Mt.              |
| PSA                 | Sarnena Sredna Gora Mts.          |
| PSC                 | Sashtinska Sredna Gora Mts.       |
| PSI                 | Ihtimanska Sredna Gora Mt.        |
| PSL                 | Lozenska Planina Mt.              |
| PSP                 | Podbalkan Basin                   |
| PTR                 | Thracean Lowland                  |
| PVL                 | Lyulin Mt.                        |
| PVP                 | Plana Mt.                         |
| PVS                 | Sofia Basin                       |
| PVV                 | Vitosha Mt.                       |
| ROB                 | Belasitsa Mt                      |
| ROG                 | Ograzhden Mt.                     |
| ROM                 | Malashevska Planina Mt.           |
| ROO                 | Osogovska Planina Mt.             |
| ROP                 | Krupnik-Sandanski-Petrich Valley  |
| ROT                 | Boboshevska-Simitli Valley        |
| ROV                 | Vlahina Planina Mt.               |
| RPM                 | Mesta Valley                      |
| RPP                 | Pirin Mt.                         |
| RPR                 | Rila Mt.                          |
| RPS                 | Slavyanka Mt.                     |
| RPT                 | Stargach Mt.                      |
| RRE                 | East Rhodope Mts.                 |
| RRW                 | West Rhodope Mts.                 |
| SBE                 | East Stara Planina Mts.           |
| SBM                 | Middle Stara Planina Mts.         |
| SBW                 | West Stara Planina Mts.           |
| SPE                 | Eastern Predbalkan                |
| SPM                 | Middle Predbalkan                 |
| SPW                 | Western Predbalkan                |

**Table 2.** Vertical vegetation belts in Bulgaria after Velchev *et al.* (1982).

| <b>Belt</b>                      | <b>Abbreviations</b> | <b>Altitude (m)</b>         | <b>Dominant plant species</b>  |
|----------------------------------|----------------------|-----------------------------|--|
| Xerothermic oak forests          | XO                   | up to 700                   | <i>Quercus ceris</i> ,<br><i>Q. frainetto</i> ,<br><i>Q. virgiliana</i> etc.                       |
| Mesophilous oak-hornbeam forests | MOH                  | from 600–700 to 900–1000    | <i>Quercus dalechampii</i> ,<br><i>Carpinus betulus</i> etc.                                       |
| Mesophilous beech forests        | MB                   | from 900–1000 to 1300–1500  | <i>Fagus sylvatica</i>   |
| Coniferous forests               | CF                   | from 1300–1500 to 2000–2200 | <i>Pinus sylvestris</i> ,<br><i>Picea abies</i> ,<br><i>Pinus peuce</i> ,<br><i>P. heldreichii</i> |
| Subalpine vegetation             | SA                   | from 2000–2200 to 2500      | <i>Pinus mugo</i> ,<br><i>Juniperus sibirica</i>   |
| Alpine vegetation                | A                    | from 2500 to 2925           | alpine grass formations  |

**FAUNISTIC LIST****Family MYCETOPHILIDAE****Subfamily MYCOMYINAE**Genus *Mycomya* Rondani, 1856***Mycomya (Cymomya) circumdata*** (Staeger, 1840)

Väisänen, 1984: 273 (1); Bechev, 1985a: 37 (2); 1997: 12; 2000: 58; 2002: 103.

**Localities:** SPW: GN09: Chiren, 8.05.1984, 5♂. SBW: FN78: Berkovitsa (above of), 23.05.1982, 1♂ (1, 2); FN78: Petrohan, 25.06.1984, 1♂; GN06: Osenovlag, 5.08.1983, 2♂; GN08: Parshevitsa, 17.07.1983, 1♂; 8.06.1984, 1♂; GN35: Pravets, 20.07.1983, 1♂. SBM: KH74: Boatin, 20.04.1983, 1♂; Divchovoto, 22.04.1983, 1♂; 25.04.1983, 1♂. PBS: NG66: Silkosia, 29.05.1987, 1♂.

**UTM**: FN78, GN06, GN08, GN09, GN35, KH74, NG66.**Vertical distribution**: 200 - 1600 m; XO, MOH, MB.**Seasonal activity**: IV - VIII.***Mycomya (Mycomya) bicolor*** (Dziedzicki, 1885)

Väisänen, 1984: 228 (1); Bechev, 1985a: 37 (2); 1997: 12; 2000: 58; 2002: 104.

**Localities:** SBW: FN68: Kom (N of), 8.07.1982, 1♂ (1, 2).**UTM**: FN68.**Vertical distribution**: 1700 m; CF.**Seasonal activity**: VII.***Mycomya (Mycomya) cinerascens*** (Macquart, 1826)

Väisänen, 1984: 175 (1); Bechev, 1985a: 37 (2); 1997: 12; 2000: 58; 2002: 104; 2006b: 708 (3).

**Localities:** SPW: GN19: Veslets, 6.08.1981, 1♂ (2); 8.04.1983, 1♂; 31.05.1985, 1♂. SBW: FN68: Kom (N of), 8.07.1982, 1♂ (1, 2); FN78: Berkovitsa (above of), 8.07.1982, 2♂ (2); FN88: Byalata voda, 26.06.1982, 1♂ (2); 10.07.1982, 1♂ (2); 7.10.1983, 1♂; 10.06.1984, 1♂; GN06: Osenovlag, 6.06.1983, 1♂; GN08: Ledenika, 8.08.1981, 1♂ (2). SBM: KH74: Boatin, 20.04.1983, 1♂; 7.09.1984, 1♂. RPR: GM18: Borovets, 17.07.1985, 1♂. RPP: FM93: Yavorov, 20.07.1985, 4♂. RRW: GM34: Krastava, 16.09.1991 (3).

**UTM**: FM93, FN68, FN78, FN88, GM18, GM34, GN06, GN08, GN19, KH74.**Vertical distribution**: 550 - 1740 m; XO, MB, CF.**Seasonal activity**: IV - X.***Mycomya (Mycomya) denmax*** Väisänen, 1979

Väisänen, 1984: 85 (1); Bechev, 1985a: 37 (2); 1997: 12; 2000: 58; 2002: 104.

**Localities:** SBW: FN88: Byalata voda, 26.06.1982, 2♂ (1, 2).**UTM**: FN88.**Vertical distribution**: 775 m; MB.**Seasonal activity**: VI.***Mycomya (Mycomya) digitifera*** Edwards, 1925

Väisänen, 1984: 96 (1); Bechev, 1985a: 37 (2); 1997: 12; 2000: 58; 2002: 104.

**Localities:** SBW: FN88: Byalata voda, 26.06.1982, 3♂ (1, 2).

**UTM:** FN88.

**Vertical distribution:** 775 m; MB.

**Seasonal activity:** VI.

***Mycomya (Mycomya) disa*** Väisänen, 1984

Bechev, 1996: 19 (1); 1997: 12; 2002: 104.

**Localities:** RPR: GM18: Borovets, 17.07.1985, 1♂ (1). RPP: FM93: Yavorov, 20.07.1985, 1♂.

**UTM:** FM93, GM18.

**Vertical distribution:** 1450 - 1740 m; CF.

**Seasonal activity:** VII.

***Mycomya (Mycomya) flavicollis*** (Zetterstedt, 1852)

Väisänen, 1984: 250 (1); Bechev, 1985a: 37 (2); 1997: 12; 2000: 58; 2002: 104.

**Localities:** SPW: GN19: Veslets, 4.06.1982, 1♂ (2); 20.07.1982, 3♂, 1♀ (1, 2); 2.09.1983, 1♂; 29.06.1984, 1♂; 31.05.1985, 1♂; GN38: Strupets, 5.07.1983, 1♂.

SBW: FN77: Gintsi, 1.08.1982, 4♂; FN78: Berkovitsa (above of), 20.08.1982, 3♂;

FN88: Byalata voda, 26.06.1982, 3♂ (2); 10.07.1982, 1♂ (2); 30.05.1985, 1♂;

Varshets, 10.07.1982, 4♂ (2). SBM: KH63: Zlatishki prohod, 17.08.1983, 1♂.

PBS: NG65: Kostin, 28.05.1987, 1♂. RPP: FM93: Yavorov, 20.07.1985, 1♂.

**UTM:** FM93, FN77, FN78, FN88, GN19, GN38, KH63, NG65.

**Vertical distribution:** 100 - 1400 m; XO, MOH, MB.

**Seasonal activity:** V - IX.

***Mycomya (Mycomya) griseovittata*** (Zetterstedt, 1852)

*Mycomya fasciata* (Zetterstedt, 1838): Bechev, 1989a: 154 (1); 1997: 12; 2000: 58; 2002: 104.

**Localities:** SBM: KH74: Divchovoto, 22.04.1983, 1♂ (1); 25.04.1983, 1♂.

**UTM:** KH74.

**Vertical distribution:** 700 - 800 m; MB.

**Seasonal activity:** IV.

***Mycomya (Mycomya) marginata*** (Meigen, 1818)

Väisänen, 1984: 234 (1); Bechev, 1985a: 38 (2); 1997: 12; 2000: 58; 2002: 104; 2006b: 708 (3).

**Localities:** SPW: GN19: Veslets, 20.07.1982, 2♂, 1♀ (2); 8.04.1983, 3♂;

29.06.1984, 2♂. SBW: FN59: Dalgi del, 24.07.1983, 5♂; FN78: Berkovitsa (above

of), 23.05.1982, 4♂ (2); Berkovitsa, 7.04.1983, 3♂; FN88: Byalata voda,

26.06.1982, 2♂ (1, 2); 10.07.1982, 1♂, 2♀ (2); 10.06.1984, 3♂; 30.05.1985, 1♂;

Varshets, 9.06.1984, 2♂; FN99: Matnitsa, 7.04.1983, 6♂; 7.11.1983, 1♂;

27.06.1984, 1♂; GN06: Osenovlag, 6.08.1983, 6♂; 5.09.1984, 1♂; GN07: Ochin

dol, 6.08.1983, 1♂; GN08: Zgorigrad, 12.07.1982, 1♀ (2); 9.05.1984, 1♂; Borov

kamak, 10.08.1982, 1♂; Vratsa, 5.04.1984, 2♂. SBM: KH63: Zlatishki prohod,

18.07.1983, 1♂; KH74: Boatin, 1.06.1982, 1♂; 20.04.1983, 2♂; 7.09.1984, 1♂;

Divchovoto, 22.04.1983, 5♂; 25.04.1984, 5♂. RPP: FM93: Yavorov, 20.07.1985,

2♂. RRW: LG03: Chudnite mostove, 15.04.1981, 1♂ (3); LG05: Hrabrino,

1.06.1981, 1♂ (3).



**UTM:** FM93, FN59, FN78, FN88, FN99, GN06, GN07, GN08, GN19, KH63, KH74, LG03, LG05.

**Vertical distribution:** 350 - 1740 m; XO, MOH, MB, CF.

**Seasonal activity:** IV - IX, XI.

***Mycomya (Mycomya) neohyalinata*** Väisänen, 1984

Väisänen, 1984: 145 (1). *M. hyalinata* (Meigen): Bechev, 1985a: 38 (2); *M. neohyalinata* (Väisänen): Bechev, 1989a: 154 (3); 1997: 12; 2000: 58; 2002: 104.

**Localities:** SBW: FN78: Berkovitsa (above of), 25.08.1981, 1♂ (1, 2, 3).

**UTM:** FN78.

**Vertical distribution:** 600 m; MB.

**Seasonal activity:** VIII.

***Mycomya (Mycomya) occultans*** (Winnertz, 1863)

Bechev, 1989a: 155 (1); 1997: 12; 2000: 58; 2002: 104.

**Localities:** SBW: GN08: Vratsa, 30.06.1981, 1♂ (1).

**UTM:** GN08.

**Vertical distribution:** 350 m; XO.

**Seasonal activity:** VI.

***Mycomya (Mycomya) parva*** (Dziedzicki, 1885)

Bechev, 1989a: 155 (1); 1997: 12; 2000: 58; 2002: 104.

**Localities:** SBW: GN08: Parshevitsa, 17.07.1983, 2♂ (1); 23.09.1984, 1♂ (1).

**UTM:** GN08.

**Vertical distribution:** 1500 m; MB.

**Seasonal activity:** VII, IX.

***Mycomya (Mycomya) prominens*** (Lundström, 1913)

Väisänen, 1984: 61 (1); 1997: 12; Bechev, 2002: 104; 2006b: 708 (2).

**Localities:** RRW: GM25: Yakoruda, 9.06.1969, 1♂ (1, 2).

**UTM:** GM25.

**Vertical distribution:** 950 m; MB.

**Seasonal activity:** VI.

***Mycomya (Mycomya) ruficollis*** (Zetterstedt, 1852)

Bechev, 1991a: 27 (1); 1997: 12; 2002: 104.

**Localities:** RPR: GM18: Borovets, 17.07.1985, 4♂ (1).

**UTM:** GM18.

**Vertical distribution:** 1450; CF.

**Seasonal activity:** VII.

***Mycomya (Mycomya) sigma*** Johannsen, 1910

Bechev, 1989a: 155 (1); 1997: 12; 2000: 58; 2002: 105.

**Localities:** **Localities:** SBW: FN88: Byalata voda, 26.06.1982, 1♂ (1); 30.05.1983, 1♂ (1). SBM: KH74: Divchovoto, 25.04.1983, 1♂ (1).

**UTM:** FN88, KH74.

**Vertical distribution:** 700 - 800 m; MB.

**Seasonal activity:** IV - VI.

***Mycomya (Mycomya) tenuis*** (Walker, 1856)

Väisänen, 1984: 116 (1); Bechev, 1985a: 38 (2); 1997: 12; 2000: 58; 2002: 105.

**Localities:** SPW: GN19: Veslets, 20.07.1982, 1♂ (2); 8.04.1983, 2♂.

SBW: FN78: Berkovitsa (above of), 23.05.1982, 2♂ (1, 2); 7.04.1983, 1♂; Berkovitsa, 7.04.1983, 2♂; FN88: Byalata voda, 26.06.1982, 2♂ (2); 10.07.1982, 3♂ (1, 2); 10.06.1984, 2♂; Varshets, 9.06.1984, 4♂; FN99: Matnitsa, 10.07.1982, 2♂ (1, 2); 7.04.1983, 4♂; 27.06.1984, 1♂; GN06: Osenovlag, 6.08.1983, 1♂; GN08: Parshevitsa, 20.05.1982, 1♂; 21.05.1982, 1♂ (2); GN35: Pravets, 20.07.1983, 1♂. SBM: KH63: Zlatitsa (N of) [=Srednogorie], 20.07.1983, 1♂; KH74: Boatin, 20.04.1983, 10♂; Divchovoto, 22.04.1983, 11♂; 25.04.1983, 1♂. RPR: GM18: Borovets, 17.07.1985, 1♂. RPP: FM93: Yavorov, 20.07.1985, 1♂.

**UTM:** FM93, FN78, FN88, FN99, GM18, GN06, GN08, GN19, GN35, KH63, KH74.

**Vertical distribution:** 350 - 1740 m; XO; MOH, MB, CF.

**Seasonal activity:** IV - VIII.

***Mycomya (Mycomya) tridens*** (Lundström, 1911)

Bechev, 1989a: 155 (1); 1997: 12; 2000: 58; 2002: 105.

**Localities:** SBW: GN08: Parshevitsa, 20.05.1982, 1♂ (1); Vratsa, 5.04.1984, 4♂ (1); Zgorigrad, 9.05.1984, 2♂ (1); Ledenika, 4.05.1986, 2♂. SBM: KH74: Divchovoto, 22.04.1983, 1♂ (1); 25.04.1983, 6♂ (1).

**UTM:** GN08, KH74.

**Vertical distribution:** 350 - 1250 m; XO, MB.

**Seasonal activity:** IV, V.

***Mycomya (Mycomya) vittiventris*** (Zetterstedt, 1852)

Väisänen, 1984: 103 (1); Bechev, 1985a: 38 (2); 1997: 12; 2000: 58; 2002: 105.

**Localities:** SBW: FN68: Kom (N of), 25.08.1981, 6♂, 1♀ (1, 2); 20.08.1982, 6♂, 3♀.

**UTM:** FN68.

**Vertical distribution:** 1700 m; CF.

**Seasonal activity:** VIII.

***Mycomya (Mycomya) wankowiczii*** (Dziedzicki, 1885)

Väisänen, 1984: 216 (1); Bechev, 1985a: 38 (2); 1997: 12; 2000: 58; 2002: 105.

**Localities:** SBW: FN77: Gintsi, 1.08.1982, 1♂; FN88: Byalata voda, 26.06.1982, 1♂ (1, 2). SBM: KH63: Zlatishki prohod, 19.07.1983, 2♂.

**UTM:** FN77, FN88, KH63.

**Vertical distribution:** 775 - 1100 m; MOH, MB.

**Seasonal activity:** VI - VIII.

***Mycomya (Mycomya) winnertzi*** (Dziedzicki, 1885)

Bechev, 1989a: 155 (1); 1997: 12; 2000: 58; 2002: 105.

**Localities:** SBW: FN59: Dalgi del, 24.07.1983, 2♂; FN88: Byalata voda, 30.05.1985, 1♂ (1); FN99: Matnitsa, 27.06.1984, 1♂ (1); GN06: Osenovlag, 6.08.1983, 1♂ (1).

**UTM:** FN59, FN88, FN99, GN06.

**Vertical distribution:** 350 - 900 m; XO, MB.

**Seasonal activity:** V - VIII.

***Mycomya (Mycomyopsis) penicillata*** (Dziedzicki, 1885)

Bechev, 1994: 25 (1); 1997: 12; 2002: 105.

**Localities:** BN: PJ23: Durankulak, 7.07.1985, 1♂ (1).

**UTM:** PJ23.

**Vertical distribution:** 20 m; XO.

**Seasonal activity:** VII.

***Mycomya (Mycomyopsis) trilineata*** (Zetterstedt, 1838)

*M. neolittoralis* Väisänen: Bechev, 1989a: 155 (1). *M. trilineata*: Bechev, 1997:12; 2000: 58; 2002: 105.

**Localities:** SBW: FN77: Gintsi, 1.08.1982, 3♂ (1); FN99: Matnitsa, 27.06.1984, 1♂ (1); GN06: Osenovlag, 5.08.1983, 2♂ (1). SBM: KH63: Zlatishki prohod, 18.07.1983, 1♂ (1). RPP: FM93: Yavorov, 20.07.1985, 7♂.

**UTM:** FM93, FN77, FN99, GN06, KH63.

**Vertical distribution:** 350 - 1400 m; XO, MOH, MB.

**Seasonal activity:** VI - VIII.

***Mycomya (Neomycomya) fimbriata*** (Meigen, 1818)

Bechev, 1996: 20 (1); 1997: 12; 2002: 105.

**Localities:** PBS: NG65, Kostin, 29.05.1987, 2♂ (1).

**UTM:** NG65.

**Vertical distribution:** 100 m; XO

**Seasonal activity:** V.

Genus ***Neoempheria*** Osten Sacken, 1878

***Neoempheria bimaculata*** (von Roser, 1840)

Bechev, 1990a: 85 (1); 1997: 12; 2000: 58; 2002: 105.

**Localities:** SPW: GN37: Karash, 2.07.1988, 2♂ (1). SBM: KH74: Boatin, 7.09.1984, 1♀.

**UTM:** GN37, KH74.

**Vertical distribution:** 200 - 900; XO, MB.

**Seasonal activity:** VII, IX.

***Neoempheria lineola*** (Meigen, 1818)

Bechev, 1986b: 57 (1); 1997: 12; 2000: 58; 2002: 105.

**Localities:** SBW: FN88: Byalata voda, 26.06.1981, 1♂, 1♀ (1).

**UTM:** FN88.

**Vertical distribution:** 775 m; MB.

**Seasonal activity:** VI.

***Neoempheria pictipennis*** (Haliday, 1833)

Bechev, 1989a: 155 (1); 1997: 12; 2000: 58; 2002: 105.

**Localities:** SPW: GN19: Veslets, 31.05.1985, 1♂ (1).

**UTM:** GN19.

**Vertical distribution:** 550 m; XO.

**Seasonal activity:** V.

***Neoempheria proxima*** (Winnertz, 1863)

Bechev, 1986a: 72 (1); 1997: 12; 2000: 58; 2002: 106.

**Localities:** SBW: FN99: Matnitsa, 27.06.1983, 1♂, 1♀; GN06: Osenovlag, 6.08.1983, 1♂ (1).

**UTM:** FN99, GN06.

**Vertical distribution:** 350 - 900 m; XO, MB.

**Seasonal activity:** VI, VIII.

***Neoempheria striata*** (Meigen, 1818)

Nedelkov, 1912: 179 (1); Bechev, 1985a: 38 (2); 1997: 12; 2000: 58; 2002: 106; 2004: 739 (3).

**Localities:** SBW: FN88: Byalata voda, 26.06.1982, 1♂, 1♀ (2); GN08: Vratsa, 30.06.1988, 1♂. PVS: FN92: Sofia, 1912 (1). PT: LG16: Plovdiv, 26.05.1991, 1♂. RRE: MF29: Ivaylovgrad, 15.05.1991, 1♂ (3).

**UTM:** FN88, FN92, GN08, LG16, MF29.

**Vertical distribution:** 150 - 775 m; XO, MB.

**Seasonal activity:** V, VI, X.

**Subfamily GNORISTINAE**

Genus ***Apolephthisa*** Grzegorzec, 1885

***Apolephthisa subincana*** (Curtis, 1837)

Bechev, 1994: 25 (1); 1997: 13; 2002: 87; 2006b: 704 (2).

**Localities:** RRW: LG04: Zdravets, 13.05.1981, 1♂ (1, 2); Sitovo, 1.06.1981, 1♀ (1, 2).

**UTM:** LG04.

**Vertical distribution:** 1185 - 1300 m; MB.

**Seasonal activity:** V, VI.

Genus ***Boletina*** Staeger, 1840

***Boletina anderschi*** (Stannius, 1831)

Bechev, 1986b: 58 (1); 1997: 13; 2000: 59; 2002: 87; 2006b: 704 (2).

**Localities:** SPW: GN09: Chiren, 8.05.1984, 1♀; GN19: Veslets, 8.04.1983, 8♂, 1♀ (1). SBW: GN08: Ledenika, 22.05.1982, 1♂ (1); 4.05.1986, 8♀. RRW: LG05: Hrabrino, 5.04.1981, 20♂ (2); 19.04.1981, 3♂, 6♀ (2).

**UTM:** GN08, GN09, GN19, LG05.

**Vertical distribution:** 380 - 800 m; XO, MB.

**Seasonal activity:** IV, V.

***Boletina basalis*** (Meigen, 1818)

Bechev, 1989a: 155 (1); 1997: 13; 2000: 59; 2002: 87.

**Localities:** SBW: GN08: Parshevitsa, 8.06.1984, 1♂ (1).

**UTM:** GN08.

**Vertical distribution:** 1250 m; MB.

**Seasonal activity:** VI.

***Boletina gripha*** Dziedzicki, 1885

*B. dispecta* Dziedzicki: Bechev, 1986a: 73 (1). *B. gripha* Dziedzicki: Bechev, 1986b: 58 (2); 1997: 13; 2000: 59; 2002: 87; 2004: 736 (3).

**Localities:** SPW: GN19: Veslets, 8.04.1983, 8♂, 12♀. SBW: FN68: Kom (N of), 23.05.1982, 1♂ (1, 2); 31.05.1985, 12♂, 2♀; 10.06.1985, 31♂, 2♀; FN78: Berkovitsa, 7.04.1983, 2♂; Petrohan, 25.06.1984, 2♂, 15♀; FN88: Byalata voda, 26.06.1982, 3♂, 4♀ (2); FN98: Gorna Byala rechka, 6.04.1982, 1♂ (2); FN99: Matnitsa, 7.04.1983, 2♂, 3♀; 26.03.1984, 1♂; GN08: Parshevitsa, 20.05.1982, 5♂, 4♀ (2); 8.06.1984, 1♂, 10♀; Vratsa, 25.04.1984, 3♂, 1♀; 26.04.1984, 2♂; 30.12.1986, 1♂; Borov kamak, 28.11.1983, 1♂. SBM: KH74: Boatin, 20.04.1983, 50♂, 10♀. RPR: GM17: Musala, 17.07.1985, 1♂, 6♀. RRE: LF89: Sindeltsi, 15.05.1991, 11♂ (3).

**UTM:** FN68, FN78, FN88, FN98, FN99, GM17, GN08, GN19, KH74, LF89.

**Vertical distribution:** 300 - 2390 m; XO, MOH, MB, CF, SA.

**Seasonal activity:** III - VIII, XI, XII.

***Boletina lundstroemi*** Landrock, 1912

Bechev, 1986b: 58 (1); 1997: 13; 2000: 59; 2002: 88; 2006b: 704 (2).

**Localities:** SBW: FN88: Byalata voda, 26.06.1982, 2♂ (1); FN98: Gorna Byala rechka, 6.04.1982, 1♂ (1). RRW: GM34: Krastava, 27.08.1991, 1♂ (2).

**UTM:** FN88, FN98, GM34.

**Vertical distribution:** 775 - 1500 m; MB.

**Seasonal activity:** IV, VI, VIII.

***Boletina nigricoxa*** Staeger, 1840

Bechev, 2000: 59; 2002: 88; 2004: 736 (1); 2006b: 704 (2).

**Localities:** SPW: GN09: Chiren, 27.03.1984, 1♂; Dabnika, 8.04.1985, 1♂; KH58: Kunino, 9.04.1984, 1♂. SBW: FN68: Kom (N of), 10.06.1985, 1♂; FN78: Berkovitsa, 7.04.1983, 1♂; GN08: Ledenika, 1.04.1983, 12♂, 3♀; Vratsa, 6.04.1982, 1♂; 2.04.1983, 2♂; 5.04.1984. RRW: LG05: Hrabrino, 5.04.1981, 1♂ (2). RRE: LF89: Sindeltsi, 15.05.1991, 11♂ (1).

**UTM:** FN68, FN78, GN08, GN09, KH58, LF89, LG05.

**Vertical distribution:** 300 - 1700 m; XO, MOH, MB, CF.

**Seasonal activity:** III - VI.

***Boletina nitida*** Grzegorzek, 1885

Bechev, 1989a: 155 (1); 1997: 13; 2000: 59; 2002: 88.

**Localities:** SPW: GN38: Strupets, 5.07.1983, 1♀ (1). SBW: FN59: Dalgi del, 24.07.1983, 1♀ (1); FN99: Matnitsa, 27.06.1984, 1♂, 1♀ (1).

**UTM:** FN59, FN99, GN38.

**Vertical distribution:** 250 - 700 m; XO, MB.

**Seasonal activity:** VI, VII.

***Boletina pallidula*** Edwards, 1925

Bechev, 1994: 25 (1); 1997: 13; 2000: 59; 2002: 88; 2006b: 705 (2).

**Localities:** SBM: KH63: Zlatitsa, 20.07.1983, 1♂ (1). RRW: GM34: Krastava, 2.08.1992, 2♂ (2).

**UTM:** GM34, KH63.

**Vertical distribution:** 800 - 1500 m; MOH, MB.

**Seasonal activity:** VII.

***Boletina plana*** (Walker, 1856)

Bechev, 1994: 25 (1); 1997: 13; 2002: 88; 2006b: 705 (2).

**Localities:** RPP: FM93: Yavorov, 20.07.1985, 1♂. RRW: LG04: Sitovo, 1.06.1981, 1♂ (1, 2); LG05: Hrabrino, 1.06.1981, 1♂ (1, 2).

**UTM:** FM93, LG04, LG05.

**Vertical distribution:** 500 - 1740 m; XO, MB, CF.

**Seasonal activity:** VI, VII.

***Boletina sciarina*** Staeger, 1840

Bechev, 1994: 25 (1); 1997: 13; 2000: 59; 2002: 88; 2004: 736 (2).

**Localities:** SPW: KH58: Kunino, 9.04.1984, 1♂. SBW: FN68: Kom (N of), 31.05.1985, 1♂; FN78: Petrohan, 25.06.1984, 2♂; GN08: Vratsa, 5.04.1984, 1♂; 26.04.1984, 2♂. SBM: KH74: Boatin, 6.06.1982, 2♂. RPR: GM09: Samokov, 31.05.1981, 1♂ (1). RPP: FM93: Yavorov, 20.07.1985, 1♂ (1). RRE: LF89: Sindeltsi, 15.05.1991, 11 ♂ (2).

**UTM:** FM93, FN68, FN78, GM09, GN08, KH58, KH74, LF89.

**Vertical distribution:** 300 - 1740 m; XO, MB, CF

**Seasonal activity:** IV - VII.

***Boletina trispinosa*** Edwards, 1913

Bechev, 1989a: 156 (1); 1997: 14; 2000: 59; 2002: 88.

**Localities:** SBW: FN88: Byalata voda, 30.05.1985, 3♂, 1♀ (1).

**UTM:** FN88.

**Vertical distribution:** 775 m; MB.

**Seasonal activity:** V.

***Boletina trivittata*** (Meigen, 1818)

Bechev, 1986a: 73 (1); 1997: 14; 2000: 59; 2002: 88; 2006b: 705 (2).

**Localities:** SBW: FN68: Kom (N of), 10.06.1985, 1♂; FN78: Berkovitsa (above of), 25.08.1982, 33♂, 4♀ (1); GN08: Parshevitsa, 20.05.1982, 5♂ (1); 12.06.1982, 4♂ (1); 23.09.1984, 2♂. SBM: KH74: Boatin, 6.06.1982, 1♂.

RRW: GM34: Krastava, 14.09.1991, 1♂ (2); LG04: Zdravets, 13.05.1981, 3♂ (2).

**UTM:** FN68, FN78, GM34, GN08, KH74, LG04.

**Vertical distribution:** 900 - 1700 m; MB, CF.

**Seasonal activity:** V, VI, VIII, IX.

Genus *Coelosia* Winnertz, 1863

*Coelosia flava* (Staeger, 1840)

Bechev, 1986b: 57 (1); 1997: 14; 2000: 59; 2002: 88.

**Localities:** SBW: GN08: Parshevitsa, 17.07.1983, 1♀ (1).

**UTM:** GN08.

**Vertical distribution:** 1250 m; MB.

**Seasonal activity:** VII.

Genus *Ectrepesthoneura* Enderlein, 1911

*Ectrepesthoneura ledenikiensis* Bechev, 1988

Bechev, 1988a: 185 (1); 1997: 14; 2000: 59; 2002: 88.

**Localities:** SBW: GN08: Ledenika, 5.04.1986, 1♂ (1).

**UTM:** GN08.

**Vertical distribution:** 800 m; MB.

**Seasonal activity:** IV.

Genus *Grzegorzekia* Edwards, 1941

*Grzegorzekia collaris* (Meigen, 1818)

Bechev, 1986b: 57 (1); 1997: 14; 2000: 59; 2002: 88.

**Localities:** SBW: GN08: Parshevitsa, 12.06.1982, 1♂ (1).

**UTM:** GN08.

**Vertical distribution:** 1250 m; MB.

**Seasonal activity:** VI.

Genus *Palaeodocosia* Meunier, 1904

*Palaeodocosia vittata* (Coquillett, 1901)

*Palaeodocosia janickii* (Dziedzicki, 1923): Bechev, 1986b: 57 (1); 1997: 14; 2000: 59; 2002: 89.

**Localities:** SBW: GN08: Parshevitsa, 17.07.1983, 1♂ (1).

**UTM:** GN08.

**Vertical distribution:** 1250 m; MB.

**Seasonal activity:** VII.

Genus *Saigusaia* Vockeroth, 1980

*Saigusaia flaviventris* (Strobl, 1894)

Bechev, 1994: 25 (1); 1997: 14; 2000: 59; 2002: 89.

**Localities:** SBM: KH74: Boatın, 6.06.1982, 2♂ (1).

**UTM:** KH74.

**Vertical distribution:** 1000 m; MB.

**Seasonal activity:** VI.

Genus *Synapha* Meigen, 1818

*Synapha fasciata* Meigen, 1818

Bechev, 1991a: 27 (1); 1997: 14; 2002: 89; 2004: 736 (2); 2006b: 705 (3).

**Localities:** RRW: LG05: Hrabrino, 1.06.1981, 2♂ (1, 3); LG24: Bachkovski manastir, 31.07.1992, 1♂ (3). RRE: MG01: Madzharovo, 20.05.2000, 1♂ (2). BN: NH76: Kamchia, 4.07.1985, 4♀.

**UTM:** LG05, LG24, MG01, NH76.

**Vertical distribution:** 10 - 500 m; XO.

**Seasonal activity:** V - VII.

*Synapha vitripennis* (Meigen, 1818)

Bechev, 1986b: 57 (1); 1997: 14; 2000: 59; 2002: 89.

**Localities:** SPW: GN19: Veslets, 20.07.1982, 1♀ (1); 31.05.1985, 1♂.

SBW: FN99: Matnitsa, 27.06.1984, 1♀; GN08: Parshevitsa, 8.06.1982, 1♂ (1); KH74: Boatin, 6.06.1982, 1♂; 7.09.1984, 1♀. SBM: KH63: Zlatishki prohod, 18.07.1983, 1♂ (1).

**UTM:** FN99, GN08, GN19, KH63, KH74.

**Vertical distribution:** 350 - 1300 m; XO, MB.

**Seasonal activity:** V - VII, IX.

Genus *Tetragoneura* Winnertz, 1846

*Tetragoneura ambigua* Grzegorzek, 1885

Bechev, 1994: 26 (1); 1997: 14; 2000: 60; 2002: 89.

**Localities:** SBW: FN78: Berkovitsa (above of), 25.08.1982, 1♂; GN06: Osenovlag, 5.08.1983, 2♂ (1). GN08: Borov kamak, 10.08.1982, 1♂; Parshevitsa, 23.09.1984, 1♂. SBM: KH63: Zlatishki prohod, 18.07.1983, 1♂; KH74: Boatin, 7.09.1984, 2♂ (1).

**UTM:** FN78, GN06, GN08, KH63, KH74.

**Vertical distribution:** 700 - 1300; MOX, MB

**Seasonal activity:** VII - IX.

*Tetragoneura sylvatica* (Curtis, 1837)

Bechev, 1986b: 58 (1); 1997: 14; 2000: 60; 2002: 89; 2006b: 705 (2).

**Localities:** SBW: FN59: Dalgi del, 24.07.1983, 1♂ (1); FN68: Kom (N of), 10.06.1985, 1♀; GN06: Osenovlag, 5.09.1984, 1♂. RRW: GM34: Krastava, 27.08.1991, 1♂ (2).

**UTM:** FN59, FN68, GM34, GN06.

**Vertical distribution:** 600 - 1700 m; MB, CF.

**Seasonal activity:** VI, VII, IX.



**Subfamily SCIOPHILINAE**Genus *Acnemia* Winnertz, 1863***Acnemia amoena* Winnertz, 1863**

Bechev, 2001: 7 (1); 2002: 106.

**Localities:** PBS: NG44: Vitanovo, 23.07.1999, 1♂ (1).**UTM:** NG44.**Vertical distribution:** 550 m; XO.**Seasonal activity:** VII.***Acnemia angusta* Zaitzev, 1982**

Bechev, 2001: 7 (1); 2002: 106.

**Localities:** SPW: KH59: Reselets, 18.07.1991, 1♂ (1).**UTM:** KH59.**Vertical distribution:** 200 m; XO.**Seasonal activity:** VII.***Acnemia falcata* Zaitzev, 1982**

Bechev, 1986a: 73 (1); 1997: 12; 2000: 58; 2002: 106.

**Localities:** SBW: FN98: Gorna Byala rechka, 1.08.1982, 1♂ (1).**UTM:** FN98.**Vertical distribution:** 800 m; MB.**Seasonal activity:** VIII.***Acnemia longipes* Winnertz, 1863**

Bechev, 1986a: 73 (1); 1997: 12; 2000: 58; 2002: 106.

**Localities:** SPW: GN19: Veslets, 20.07.1982, 1♂ (1); 20.10.1983, 1♂. SBW: FN99: Matnitsa, 10.07.1982, 1♂ (1).**UTM:** FN99, GN19.**Vertical distribution:** 350 - 550 m; XO.**Seasonal activity:** VII, X.***Acnemia nitidicollis* (Meigen, 1818)**

Bechev, 1986a: 73 (1); 1997: 12; 2000: 58; 2002: 106.

**Localities:** SPW: GN19: Veslets, 8.04.1983, 2♂ (1). SBW: FN78: Berkovitsa (above of), 20.08.1982, 1♂ (1); FN88: Byalata voda, 26.06.1982, 3♂ (1); FN99: Matnitsa, 27.06.1984, 1♂; GN06: Osenovlag, 6.08.1983, 1♂; GN08: Parshevitsa, 17.07.1983, 2♂; 23.09.1984, 1♂. RPP: FM93: Yavorov, 20.07.1985, 2♂, 1♀. BS: NG84: Rezovo, 9.06.1996, 1♂.**UTM:** FM93, FN78, FN88, FN99, GN06, GN08, GN19, NG84.**Vertical distribution:** 40 - 1400; XO, MB.**Seasonal activity:** IV, VI - IX.***Acnemia vrazatica* Bechev, 1985**

Bechev, 1985b: 35 (1); 1997: 12; 2000: 58; 2002: 106.

**Localities:** SBW: GN08: Zgorigrad, 13.07.1982, 1♂ (1); 5.07.1983, 1♂.

**UTM:** GN08.

**Vertical distribution:** 600 - 650 m; MB.

**Seasonal activity:** VII.

Genus *Anaclileia* Meunier, 1904

*Anaclileia beshovskii* Bechev, 1990

Bechev, 1990b: 68 (1); 1997: 13; 2000: 58; 2002: 106.

**Localities:** SBW: FN88: Byalata voda, 30.05.1985, 1♂ (1); GN08: Parshevitsa, 12.06.1982, 1♂ (1). SBM: KH74: Boatin, 6.06.1982, 3♂ (1). PVV: FN80: Vitosha, 20.05.1989, 2♂, 2♀ (1).

**UTM:** FN80, FN88, GN08, KH74.

**Vertical distribution:** 775 - 1600 m; MB.

**Seasonal activity:** V, VI.

Genus *Azana* Walker, 1856

*Azana (Azana) anomala* (Staeger, 1840)

Bechev, 1991a: 27 (1); 1997: 13; 2002: 106; 2006b: 708 (2).

**Localities:** PBD: MG85: Kraynovo, 26.04.1989, 1♂; Voden, 1, 27.04.1989, 7♂, 1♀. PBS: NG64: Uzunbodzhak, 5.05.2000, 1♂, 2♀. RRW: LG04: Zdravets, 13.05.1981, 1♂ (1, 2).

**UTM:** LG04, MG85, NG64.

**Vertical distribution:** 270 - 1185 m; XO, MB.

**Seasonal activity:** IV, V.

*Azana (Azana) flavohalterata* Strobl in Czerny & Strobl 1909

*Azana (Azana) bulgarense* Coher, 1995: 87 (1); Bechev: 2002: 106.

**Localities:** PBD: MG85: Voden, 27.07.1989, 1♂ (1)

**UTM:** MG85.

**Vertical distribution:** 270 m, XO.

**Seasonal activity:** VII.

*Azana (Jugazana) nigricoxa* Strobl, 1889

Bechev, 2003: 98 (1).

**Localities:** DEP: MH99: Madara, 16.05.1996, 1♂ (1).

BN: NJ90: Balchik, 15.04.1996, 1♀.

**UTM:** MH99, NJ90.

**Vertical distribution:** 50 - 220 m; XO.

**Seasonal activity:** V.

Genus *Megalopelma* Enderlein, 1911*Megalopelma nigroclavatum* (Strobl, 1910)

Bechev, 1990a: 85 (1); 1997: 13; 2000: 58; 2002: 107.

**Localities:** SBW: GN08: Parshevitsa, 17.07.1983, 1♀ (1); Vratsa, 20.06.1990, 1♂ (1).

**UTM:** GN08.

**Vertical distribution:** 320 - 1250 m.; XO, MB.

**Seasonal activity:** VI, VII.

Genus *Monoclona* Mik, 1886*Monoclona rufilatera* (Walker, 1837)

Bechev, 1986b: 57 (1); 1997: 13; 2000: 58; 2002: 107; 2006b: 708 (2).

**Localities:** SBW: FN59: Dalgi del, 24.07.1983, 1♂ (1); FN99: Matnitsa, 27.06.1984, 1♂ (1). RRW: LG05: Hrabrino, 1.06.1981, 1♀ (2).

**UTM:** FN59, FN99, LG05.

**Vertical distribution:** 350 - 700 m.; XO, MB.

**Seasonal activity:** VI, VII.

Genus *Neuratelia* Rondani, 1856*Neuratelia minor* (Lundström, 1912)

Bechev, 1986a: 72 (1); 1997: 13; 2000: 59; 2002: 107; 2004: 739 (2).

**Localities:** SPW: GN19: Veslets, 4.06.1982, 1♀. SBW: FN88: Varshets, 9.06.1984, 2♂, 1♀; Byalata voda, 10.06.1984, 1♀; 30.05.1985, 2♂, 2♀; GN08: Ledenika, 22.05.1982, 7♂ (1); Parshevitsa, 12.06.1982, 1♀. PBS: NG65: Kosti, 29.05.1987, 6♀; NG66: Silkosia, 29.05.1987, 1♂. RRE: LG62: Chernoochene, 14.05.1991, 1♂ (2).

**UTM:** FN88, GN08, GN19, LG62, NG65, NG66.

**Vertical distribution:** 100 - 1250 m.; XO, MB

**Seasonal activity:** V, VI.

*Neuratelia nemoralis* (Meigen, 1818)

Bechev, 1986b: 57 (1); 1997: 13; 2000: 59; 2002: 107; 2006b: 708 (2).

**Localities:** SBW: FN68: Kom (N of), 10.06.1985, 1♂; FN88: Byalata voda, 30.05.1985, 2♀; GN08: Parshevitsa, 12.06.1982, 1♂, 2♀ (1); 8.06.1984, 1♀. SBM: KH74: Boatin, 6.06.1982, 1♀. RRW: LG04: Zdravets, 13.05.1981, 1♂, 1♀ (2).

**UTM:** FN68, FN88, GN08, KH74, LG04.

**Vertical distribution:** 775 - 1700 m.; MB, CF.

**Seasonal activity:** V, VI.

Genus *Paratinia* Mik, 1874

*Paratinia sciarina* Mik, 1874

Bechev, 1991a: 27 (1); 1997: 13; 2002: 107; 2007b: 709 (2).

**Localities:** RRW: LG04: Zdravets, 1.06.1981, 1♂ (1, 2).

**UTM:** LG04.

**Vertical distribution:** 1185 m; MB.

**Seasonal activity:** VI.

Genus *Phthinia* Winnertz, 1863

*Phthinia humilis* Winnertz, 1863

Bechev, 1986a: 73 (1); 1997: 13; 2000: 59; 2002: 107.

**Localities:** SBW: FN78: Barziya, 26.06.1984, 1♂; Berkovitsa, 30.05.1985, 1♂; FN88: Byalata voda, 10.07.1982, 1♂ (1); GN07: Ochin dol, 6.08.1983, 1♂; GN08: Ledenika, 4.05.1986, 1♂; Parshevitsa, 8.06.1984, 1♂. SBM: KH74: Boatin, 6.06.1982, 1♂, 1♀.

**UTM:** FN78, FN88, GN07, GN08, KH74.

**Vertical distribution:** 400 - 1250 m; MOH, MB.

**Seasonal activity:** V - VIII.

*Phthinia winnertzi* Mik, 1869

Bechev, 1986b: 57 (1); 1997: 13; 2000: 59; 2002: 107.

**Localities:** SBW: FN88: Varshets (S of), 9.06.1984, 1♂ (1).

PBS: NG36: Mladezhko, 26.09.1989, 1♂, 1♀.

**UTM:** FN88, NG36.

**Vertical distribution:** 180 - 600 m; XO, MB.

**Seasonal activity:** VI, IX.

Genus *Polylepta* Winnertz, 1863

*Polylepta guttiventris* (Zetterstedt, 1852)

Bechev, 1985a: 38 (1); 1990c: 180; 1997: 13; 2000: 59; 2002: 107; 2006b: 708 (2).

**Localities:** SBW: FN78: Berkovitsa (above of), 23.05.1982, 1♀; FN88: Byalata voda, 26.06.1982, 1♂ (1); 10.07.1982, 1♀. SBM: KH74: Boatin, 6.06.1982, 1♀.

RPP: FM93: Yavorov, 20.07.1985, 2♂. RRW: GM34: Krastava, 27.08.1991, 1♀ (2).

**UTM:** FM93, FN78, FN88, GM34, KH74.

**Vertical distribution:** 775 - 1740 m, MB, CF.

**Seasonal activity:** V - IX.

*Polylepta zonata* (Zetterstedt, 1858)

*Polylepta meridionalis* Bechev, 1990: 182; 1997: 13; 2002: 107. *Polylepta zonata* (Zetterstedt, 1858): Kurina, 2003: 94; Bechev, 2003: 98.

**Localities:** PBS: NG66: Silkosia, 5.05.1987, 1♂ (1). RPS: GL18, Goleshovo, 7.06.1988, 1♂, 1♀; GL28, Hambar dere, 4.06.1988, 1♀.

**UTM:** GL18, GL28, NG66.

**Vertical distribution:** 200 - 1300 m, MB.

**Seasonal activity:** V - VI.

Genus *Sciophila* Meigen, 1818

*Sciophila baltica* Zaitzev, 1982

Bechev, 1986a: 73 (1); 1997: 13; 2000: 59; 2002: 108.

**Localities:** SPW: GN19: Veslets, 20.07.1982, 1♂ (1). SBW: FN88: Byalata voda, 26.06.1982, 6♂, 3♀ (1); GN08: Parshevitsa, 17.07.1983, 1♂.

**UTM:** FN88, GN08, GN19.

**Vertical distribution:** 550 - 1250 m; XO, MB.

**Seasonal activity:** VI, VII.

*Sciophila fenestella* Curtis, 1837

Bechev, 2001: 7 (1); 2002: 108; 2006b: 708 (2).

**Localities:** RRW: LG15: Kuklen, 2.10.1999, 1♂ (1, 2).

**UTM:** LG15.

**Vertical distribution:** 400 m; XO.

**Seasonal activity:** X.

*Sciophila hirta* Meigen, 1818

Bechev, 1986a: 73 (1); 1997: 13; 2000: 59; 2002: 108.

**Localities:** SBW: FN88: Byalata voda, 26.07.1982, 2♂ (1).

**UTM:** FN88.

**Vertical distribution:** 775 m; MB.

**Seasonal activity:** VII.

*Sciophila lutea* Macquart, 1826

Bechev, 1986a: 73 (1); 1989b: 161; 1997: 13; 1999a: 38 (2); 2000: 59; 2002: 108.

**Localities:** SBW: FN78: Berkovitsa (above of), 8.07.1982, 5♂ (1); FN99: Matnitsa, 20.06.1982, 1♂ (1); 7.04.1983, 1♂; 16.07.1983, 2♂; GN08: Vratsa, 14.07.1983, 7♂, 7♀; Parshevitsa, 17.07.1983, 2♂, 1♀. SBM: KH74: Boatin, 6.06.1982, 1♂. RPP: FM94: Predela, 20.07.1989, 1♂ (2).

**UTM:** FM94, FN78, FN99, GN08, KH74.

**Vertical distribution:** 350 - 1300 m; XO, MB.

**Seasonal activity:** IV, VI, VII.

*Sciophila nonnisilva* Hutson, 1979

Bechev, 1986a: 73 (1); 1997: 13; 2000: 59; 2002: 108.

**Localities:** SBW: FN99: Matnitsa, 10.07.1982, 1♂ (1).

**UTM:** FN99.

**Vertical distribution:** 350 m; XO.

**Seasonal activity:** VII.

***Sciophila rufa* Meigen, 1830**

Bechev, 1986b: 57 (1); 1986c: 60; 1989b: 161; 1997: 13; 1999a: 38 (2); 2000: 59; 2002: 108; Kolarov, Bechev, 1995: 18.

**Localities:** SBW: FN68: Kom (N of), 10.06.1985, 42 ♂, 32♀; FN78: Barziya, 26.06.1984, 5♂, 15♀ (1). RPP: FM94: Predela, 20.07.1989, 1♂ (2).

**UTM:** FM94, FN68, FN78.

**Vertical distribution:** 650 - 1700 m; MB, CF.

**Seasonal activity:** VI.

***Sciophila thoracica* Staeger, 1840**

*S. quadriterga* Hutson: Bechev, 1986a: 73 (1); 1997: 13; 2000: 59; 2002: 108. *S. thoracica* Staeger, 1840: Bechev.2003: 98.

**Localities:** SPW: GN09: Chiren, 10.05.1982, 1♂ (1); 8.05.1984, 1♂, 1♀; GN19: Veslets, 4.06.1982, 1♂ (1); GN38: Strupets, 5.07.1983, 1♂. SBW: FN99: Matnitsa, 22.06.1984, 1♂; 27.06.1984, 1♂.

**UTM:** FN99, GN09, GN19, GN38.

**Vertical distribution:** 250 - 550 m; XO.

**Seasonal activity:** V - VII.

***Sciophila zaitzevi* Bechev, 1988**

Bechev, 1988b: 187 (1); 1997: 13; 2000: 59; 2002: 108.

**Localities:** SBW: FN88: Byalata voda, 30.05.1985, 1♂ (1).

**UTM:** FN88.

**Vertical distribution:** 775 m; MB.

**Seasonal activity:** V.

Genus ***Speolepta* Edwards, 1925**

***Speolepta leptogaster* (Winnertz, 1863)**

Burghel-Balacesco, 1966: 304 (1); Hazelton, 1970: 36 (2); Bechev, 1985a: 38 (3); 1997: 14; 2000: 59; 2002: 108; 2006b: 708 (4).

**Localities:** SPW: GN09: Chiren, 1966 (1, 3). SBW: GN08: Vratsa, 25.08.1991, 1♂. SBM: KH74: Boatin, 6.06.1982, 1♀. RRW: LG24: Ivanova voda (2, 4).

**UTM:** GN08, GN09, KH74, LG24.

**Vertical distribution:** 400 - 1200; MOX, MB

**Seasonal activity:** V, VI, VIII.

**Subfamily LEIINAE**

Genus ***Clastobasis* Skuse, 1890**

***Clastobasis alternans* (Winnertz, 1863)**

Bechev, 1994: 26 (1); 1997: 14; 2002: 89.

**Localities:** BN: NH76: Kamchia, 4.07.1985, 17♂, 16♀ (1); PJ23: Durankulak, 7.07.1985, 1♂ (1).

**UTM:** NH76, PJ23.

**Vertical distribution:** 10 - 20 m; XO.

**Seasonal activity:** VII.

Genus *Docosia* Winnertz, 1863

*Docosia gilvipes* (Walker, 1856)

Bechev, 1989a: 156 (1); 1997: 14; 2000: 59; 2002: 89; 2004: 737 (2); 2006b: 705 (3).

**Localities:** SPW: GN19: Veslets, 20.07.1982, 1♂; 8.04.1983, 1♂ (1); 29.06.1984, 2♂ (1). SBW: FN78: Berkovitsa, 31.05.1985, 1♂; FN88: Byalata voda, 26.06.1982, 1♂ (1); FN99: Matnitsa, 7.04.1983, 1♂ (1); GN08: Borov kamak, 10.08.1982, 1♂ (1). RRW: GM34: Krastava, 1.08.1992, 1♂ (3). RRE: LF89: Sindeltsi, 15.05.1991, 4♂ (2).

**UTM:** FN78, FN88, FN99, GM34, GN08, GN19, LF89.

**Vertical distribution:** 300 - 1500 m; XO, MOH, MB.

**Seasonal activity:** IV - VIII.

*Docosia moravica* Landrock, 1916

Bechev, 1989a: 156 (1); 1997: 14; 2000: 59; 2002: 90; 2004: 737 (2); 2006b: 705 (3).

**Localities:** SPW: GN09: Chiren, 8.05.1985, 1♂ (1). SBW: GN08: Vratsa, 10.05.1982, 1♂ (1). SBM: KH74: Boatin, 6.06.1982, 1♂. RRW: LG05: Hrabrino, 1.06.1981, 2♂ (3). RRE: LG40: Ardino, 16.05.1991, 1♂ (2).

**UTM:** GN08, GN09, KH74, LG05, LG40.

**Vertical distribution:** 380 - 900 m; XO, MB.

**Seasonal activity:** V - VI.

Genus *Greenomyia* Brunetti, 1912

*Greenomyia mongolica* Laštovka & Matile, 1974

Bechev, 1989a: 156 (1); 1997: 14; 2000: 60; 2002: 90.

**Localities:** SPW: GN19: Veslets, 29.06.1984, 1♂ (1); 31.05.1985, 1♀ (1).

**UTM:** GN19.

**Vertical distribution:** 550 m; XO.

**Seasonal activity:** V, VI.

Genus *Leia* Meigen, 1818

*Leia bimaculata* (Meigen, 1804)

*Neoglaphyoptera fascola* Meigen: Nedelkov, 1912: 179 (1). *Leia bimaculata* (Meigen): Bechev, 1985a: 38 (2); 1989b: 162; 1997: 14; 1999a: 38; 2000: 60; 2002: 90; 2004: 737 (3); 2006b: 705 (4).

**Localities:** SPW: GN09: Chiren, 8.05.1984, 1♂; GN19: Veslets, 4.06.1982, 1♀.

SBW: FN88: Byalata voda, 26.06.1982, 1♂; FN99: Matnitsa, 16.07.1983, 1♂;

GN07: Ochin dol, 6.08.1983, 2♂; GN08: Vratsa, 14.07.1983, 1♂; 10.05.1987, 1♂; 15.05.1987, 1♀; Parshevitsa, 17.07.1983, 8♂, 2♀; GN17: Rebarkovo (1, 2). **SBM**: KH63: Zlatishki prohod, 18.07.1983, 1♀; KH74: Boatin, 6.06.1982, 1♂; 7.09.1984, 1♀. **RPP**: FM94: Predela, 28.08.1999, 1♂. **RRW**: GM34: Krastava, 27.08.1991, 1♂ (4). **RRE**: LG40: Ardino, 16.05.1991, 1♂ (3).  
**UTM**: FM94, FN88, FN99, GM34, GN07, GN08, GN09, GN19, GN27, KH63, KH74, LG40.

**Vertical distribution**: 250 - 1500 m; XO, MOH, MB.

**Seasonal activity**: V - X.

### ***Leia cylindrica*** (Winnertz, 1863)

Bechev, 1986b: 58 (1); 1997: 14; 2000: 60; 2002: 90; 2004: 737 (2); 2006b: 705 (3).

**Localities**: **SPW**: GN19: Veslets, 20.07.1982, 1♂ (1); GN38: Strupets, 5.07.1983, 1♂. **SBW**: FN59: Dalgi del, 24.07.1983, 2♂ (1); FN88: Byalata voda, 26.06.1982, 1♂ (1); FN99: Matnitsa 10.07.1982, 1♂; 27.06.1984, 4♂, 4♀ (1); GN08: Vratsa, 12.06.1982, 1♂ (1). **RRW**: GM34: Krastava, 2.08.1992, 1♂ (3). **RRE**: LG40: Ardino, 16.05.1991, 1♂ (2).

**UTM**: FN59, FN88, FN99, GM34, GN08, GN19, GN38, LG40.

**Vertical distribution**: 250 - 1500 m; XO, MB.

**Seasonal activity**: V - VIII.

### ***Leia picta*** Meigen, 1830

Bechev, 1996: 20 (1); 1997: 14; 2002: 90; 2006b: 705 (2).

**Localities**: **RRW**: GM34: Krastava, 2.08.1992, 1♂ (1, 2).

**UTM**: GM34.

**Vertical distribution**: 1500 m; MB, CF.

**Seasonal activity**: VIII.

### ***Leia winthemii*** Lehmann, 1822

*L. winthemi* Lehmann, 1822: Bechev, 1986b: 58 (1); 1997: 14; 2000: 60; 2002: 90.

**Localities**: **SBW**: FN78: Barziya, 1.08.1982, 1♂ (1); GN08: Parshevitsa, 7.07.1983, 1♂ (1). **RPR**: GM18: Borovets, 17.07.1985, 1♂.

**UTM**: FN78, GM18, GN08.

**Vertical distribution**: 650 - 1300 m; MB, CF.

**Seasonal activity**: VII, VIII.

## Genus ***Megophthalmida*** Dziedzicki, 1889

### ***Megophthalmida crassicornis*** (Curtis, 1837)

Bechev, 2003: 98 (1).

**Localities**: **PBS**: NG66: Silkosia, 29.05.1987, 1♂.

**BS**: NG75: Sinemorets, 5.08.1994, 2♂ (1).

**UTM**: NG66, NG75.

**Vertical distribution**: 20 - 200 m; XO.

**Seasonal activity**: V, VIII.



Genus *Novakia* Strobl, 1893*Novakia scatopsiformis* Strobl, 1893

*Novakia scatopsiformis* Strobl, 1893: Bechev, 2000: 60; 2002: 90; 2006B: 705 (1).

**Localities:** SBW: GN08: Ledenika, 3.09.1983, 1♂; 19.09.1985, 2♂. RPR: GM18: Borovets, 17.08.1990, 1♂. RRW: GM34: Krastava, 27.08.1991, 2♂ (1).

**UTM:** GM18, GM34, GN08.

**Vertical distribution:** 800 - 1500 m; MB, CF.

**Seasonal activity:** VIII, IX.

Genus *Rondaniella* Johannsen, 1909*Rondaniella dimidiata* (Meigen, 1804)

Bechev, 1986b: 58 (1); 1997: 14; 2000: 60; 2002: 90; 2006B: 705 (2).

**Localities:** SBW: FN59: Dalgı del, 24.07.1983, 1♂ (1); FN88: Byalata voda, 26.06.1982, 2♂, 1♀ (1); GN08: Parshevitsa, 17.07.1983, 1♀ (1). RRW: GM34: Krastava, 21.07.1992, 1♂ (2).

**UTM:** FN59, FN88, GM34, GN08.

**Vertical distribution:** 600 - 1500 m; MB, CF.

**Seasonal activity:** VI, VII.

## Subfamily MYCETOPHILINAE

Tribe *Exechiini*Genus *Allodia* Winnertz, 1863*Allodia (Allodia) anglofennica* Edwards, 1921

Bechev, 1998: 61 (1); 1997: 15; 2000: 60; 2002: 90.

**Localities:** SBW: FN68: Kom (N of), 13.05.1982, 1♂ (1).

**UTM:** FN68.

**Vertical distribution:** 1700 m; CF.

**Seasonal activity:** V.

*Allodia (Allodia) lugens* Wiedemann, 1817

Bechev, 1997: 15; 1998: 61 (1); 2000: 60; 2002: 91.

**Localities:** SPW: GN09: Dabnika, 8.04.1987, 1♂; GN19: Veslets, 8.04.1983, 8♂; KH58: Kunino, 9.04.1984, 1♂. SBW: FN68: Kom (N of), 23.05.1982, 3♂ (1); FN78: Berkovitsa (above of), 7.04.1983, 44♂; FN99: Matnitsa, 7.04.1983, 2♂; 26.03.1984, 2♂ (1); GN08: Parshevitsa, 25.05.1982, 1♂ (1); 23.09.1984, 1♂; Ledenika, 1.04.1983, 1♂; 3.09.1983, 1♂ (1); Zgorigrad, 9.05.1984, 1♂. SBM: KH74: Boatin, 6.06.1982, 1♂; 20.04.1983, 1♂; 24.04.1983, 3♂ (1); Divchovoto, 22.04.1983, 2♂.

**UTM:** FN68, FN78, FN99, GN09, GN19, KH58, KH74.

**Vertical distribution:** 320 - 1700 m; XO, MB, CF.

**Seasonal activity:** III - VI, IX.

***Allodia (Allodia) ornaticollis*** (Meigen, 1818)

Bechev, 1997: 15; 1998: 62 (1); 2000: 60; 2002: 91.

**Localities:** SPW: GN19: Veslets, 20.10.1983, 1♂. SBW: FN78: Berkovitsa, 31.05.1985, 1♂ (1); FN99: Matnitsa, 7.11.1983, 1♂ (1). SBM: KH74: Divchovoto, 24.04.1983, 1♂ (1). BN: NH76: Kamchia, 4.07.1985, 1♂.

**UTM:** FN78, FN99, GN19, KH74, NH76.

**Vertical distribution:** 10 - 800 m; XO, MOH, MB.

**Seasonal activity:** IV, V, VII, X, XI.

***Allodia (Allodia) truncata*** Edwards, 1921

Bechev, 1997: 15; 1998: 62 (1); 2000: 60; 2002: 91.

**Localities:** SBW: FN78: Berkovitsa (above of), 7.04.1984, 2♂ (1). SBM: KH74: Divchovoto, 22.04.1983, 6♂; Boatin, 6.06.1982, 1♂; 24.04.1983, 9♂ (1).

**UTM:** FN78, KH74.

**Vertical distribution:** 700 - 1300 m; MB.

**Seasonal activity:** IV, VI.

***Allodia (Brachicampta) alternans*** (Zetterstedt, 1838)

Bechev, 1997: 15; 1998: 62 (1); 2000: 60; 2002: 91.

**Localities:** SPW: GN19: Veslets, 31.05.1985, 1♂. SBW: FN99: Matnitsa, 7.04.1983, 1♂; GN06: Osenovlag, 5.08.1983, 1♂; GN08: Parshevitsa, 12.06.1982, 1♂; Vratsa, 13.07.1982, 1♂ (1); 3.10.1986, 2♂; Ledenika, 3.09.1983, 7♂; 19.09.1985, 2♂; 4.05.1986, 1♂ (1).

**UTM:** FN99, GN06, GN08, GN19.

**Vertical distribution:** 350 - 1250 m; XO, MB.

**Seasonal activity:** IV - X.

***Allodia (Brachycampta) barbata*** (Lundström, 1909)

Bechev, 1997: 15; 1998: 62 (1); 2000: 60; 2002: 91.

**Localities:** SBW: FN99: Matnitsa, 7.11.1983, 1♂ (1).

**UTM:** FN99.

**Vertical distribution:** 350 m; XO.

**Seasonal activity:** XI.

***Allodia (Brachycampta) foliifera*** (Strobl, 1910)

*A. (B.) triangularis* (Strobl, 1895): Bechev, 1997: 15; 1998: 63 (1); 2000: 60; 2002: 91. *A. (B.) foliifera* (Strobl, 1910): Bechev, 2003: 97.

**Localities:** SBW: FN78: Berkovitsa (above of), 8.07.1982, 1♂; GN08: Vratsa, 13.07.1982, 1♂ (1).

**UTM:** FN78, GN08.

**Vertical distribution:** 350 - 700 m; XO, MB.

**Seasonal activity:** VII.

***Allodia (Brachycampta) grata*** (Meigen, 1830)

Bechev, 1997: 15; 1998: 62 (1); 2000: 60; 2002: 91.

**Localities:** SPW: GN19: Veslets, 2.09.1983, 1♂. SBW: FN59: Dalgi del, 24.07.1983, 1♂ (1); FN78: Berkovitsa (above of), 8.07.1982, 1♂; FN88: Byalata voda, 10.07.1982, 3♂; FN99: Matnitsa, 10.07.1982, 1♂ (1); 27.06.1984, 1♂; GN07: Ochin dol, 6.08.1983, 1♂; GN08: Zgorigrad, 4.07.1983, 1♂; Ledenika, 3.09.1983, 6♂ (1); Parshevitsa, 17.07.1983, 1♂. SBM: KH74: Boatin, 6.06.1982, 1♂ (1); Divchovoto, 22.04.1983, 1♂.  
**UTM:** FN59, FN78, FN88, FN99, GN07, GN08, GN19, KH74.  
**Vertical distribution:** 350 - 1300 m; XO, MOH, MB.  
**Seasonal activity:** IV, VI - IX.

***Allodia (Brachycampta) neglecta*** Edwards, 1925

Bechev, 1997: 15; 1998: 62 (1); 2000: 60; 2002: 91.  
**Localities:** SBW: GN07: Ochin dol, 6.08.1983, 1♂ (1); GN08: Vratsa, 25.08.1983, 1♂ (1).  
**UTM:** GN07, GN08.  
**Vertical distribution:** 350 - 600 m; XO, MOH.  
**Seasonal activity:** VIII.

***Allodia (Brachycampta) pistillata*** (Lundström, 1911)

Bechev, 1997: 15; 1998: 62 (1); 2000: 60; 2002: 91.  
**Localities:** SBW: FN99: Matnitsa, 27.06.1984, 1♂; GN08: Parshevitsa, 8.07.1984, 1♂; Vratsa, 3.10.1986, 1♂ (1).  
**UTM:** FN99, GN08.  
**Vertical distribution:** 350 - 1250 m; XO, MB.  
**Seasonal activity:** VI, VII, X.

***Allodia (Brachycampta) silvatica*** (Landrock, 1912)

Bechev, 1997: 15; 1998: 63 (1); 2000: 60; 2002: 91.  
**Localities:** SBW: GN08: Vratsa, 9.08.1981, 1♂ (1).  
**UTM:** GN08.  
**Vertical distribution:** 350 m; XO.  
**Seasonal activity:** VIII.

***Allodia (Brachycampta) triangularis*** (Strobl, 1895)

*A. (B.) retracta* (Plassmann, 1977): Bechev, 1997: 15; 1998: 62 (1); 2000: 60; *A. (B.) triangularis* (Strobl, 1895): 2002: 91; Bechev, 2003: 97.  
**Localities:** SBW: FN99: Matnitsa, 10.07.1982, 1♂ (1).  
**UTM:** FN99.  
**Vertical distribution:** 350 m; XO.  
**Seasonal activity:** VII.

***Allodia (Brachycampta) westerholti*** Caspers, 1980

*A. (B.) westerholti* Caspers, 1980: Bechev, 2003: 98 (1).  
**Localities:** SPW: GN19: Veslets, 6.08.1981, 1♂ (1). SBW: GN08: Ledenika, 3.09.1983, 1♂ (1).  
**UTM:** GN08, GN19.  
**Vertical distribution:** 550 - 800 m; XO, MB.

**Seasonal activity:** VIII, IX.

Genus *Allodiopsis* Tuomikoski, 1966

***Allodiopsis domestica*** (Meigen, 1830)

Bechev, 1990a: 87 (1); 1997: 15; 2000: 60; 2002: 91.

**Localities:** SBW: GN08: Parshevitsa, 12.06.1982, 1♂ (1). SBM: KH74: Divchovoto, 22.04.1983, 1♂.

**UTM:** GN08, KH74.

**Vertical distribution:** 700 - 1250 m; MB.

**Seasonal activity:** IV, VI.

***Allodiopsis pseudodomestica*** (Lackschewitz, 1937)

Bechev, 1990a: 87 (1); 1997: 15; 2000: 60; 2002: 92.

**Localities:** SBM: KH74: Boatin, 6.06.1982, 1♂.

**UTM:** KH74.

**Vertical distribution:** 1000 m; MB.

**Seasonal activity:** VI.

***Allodiopsis rustica*** (Edwards, 1941)

Bechev, 1991a: 27 (1); 1997: 15; 2000: 60; 2002: 92; 2006b: 705 (2).

**Localities:** SBW: FN59: Dalgi del, 24.07.1983, 10♂, 2♀; FN77: Gintsi, 1.08.1982, 1♂; FN78: Berkovitsa, 23.05.1981, 1♂; 8.07.1982, 1♂; 20.08.1982, 2♂; Berkovitsa (above of), 7.04.1983, 1♂ (1); Petrohan, 25.06.1984, 1♂; FN88: Byalata voda, 10.07.1982, 2♂; 10.06.1984, 2♂ (1); Varshets, 9.06.1984, 2♂; FN99: Matnitsa, 7.04.1983, 1♂; GN06: Osenovlag, 6.08.1983, 1♂; GN08: Ledenika, 22.05.1982, 1♂; 22.06.1982, 1♂; 3.09.1983, 7♂; 23.09.1983, 2♂; 8.06.1984, 1♂; Vratsa, 12.07.1982, 2♂; 3.10.1986, 4♂; Borov kamak, 10.08.1982, 1♂; Zgorigrad, 4.07.1983, 3♂; 9.05.1984, 3♂. SBM: KH74: Boatin, 6.06.1982, 1♂; 20.04.1983, 2♂; Divchovoto, 22.04.1983, 2♂. PBS: NG65: Kostin, 29.05.1987, 5♂; NG66: Silkosia, 29.05.1987, 3♂. RRW: LG05: Hrabrino, 1.06.1981, 1♂ (2).

**UTM:** FN59, FN68, FN77, FN78, FN88, FN99, GN06, GN08, KH74, LG05, NG65, NG66.

**Vertical distribution:** 100 - 1500 m; XO, MOH, MB, CF.

**Seasonal activity:** IV - X.

Genus *Anatella* Winnertz, 1863

***Anatella ciliata*** Winnertz, 1863

Bechev, 1989a: 156 (1); 1997: 15; 2000: 60; 2002: 92; 2006b: 706 (2).

**Localities:** SBW: FN68: Kom (N of), 23.05.1982, 1♂ (1); 8.07.1982, 2♂ (1); FN78: Petrohan, 25.06.1984, 1♂ (1). RRW: LG04: Zdravets, 13.05.1981, 1♂ (2).

**UTM:** FN68, FN78, LG04.

**Vertical distribution:** 1185 - 1700 m; MB, CF.

**Seasonal activity:** V - VII.

***Anatella lenis*** Dziedzicki, 1923

Bechev, 1990a: 86 (1); 1997: 15; 2000: 60; 2002: 92.

**Localities:** SBM: KH74: Boatin, 20.04.1983, 7♂ (1).

**UTM:** KH74.

**Vertical distribution:** 1000 m; MB.

**Seasonal activity:** IV.

***Anatella minuta*** (Staeger, 1840)

Bechev, 1989a: 156 (1); 1997: 15; 2000: 60; 2002: 92.

**Localities:** SBW: FN78: Berkovitsa (above of), 7.04.1983, 1♂ (1). SBM: KH74: Boatin, 20.04.1983, 3♂; Divchovoto, 22.04.1983, 1♂ (1); 25.04.1983, 2♂ (1).

**UTM:** FN78, KH74.

**Vertical distribution:** 700 - 1200 m; MB.

**Seasonal activity:** IV.

***Anatella novata*** Dziedzicki, 1923

Bechev, 1990a: 86 (1); 1997: 15; 2000: 60; 2002: 92.

**Localities:** SBW: FN68: Kom (N of), 25.08.1981, 1♂ (1).

**UTM:** FN68.

**Vertical distribution:** 1700 m; CF.

**Seasonal activity:** VIII.

***Anatella simpatica*** Dziedzicki, 1923

Bechev, 1989a: 156 (1); 1997: 15; 2000: 60; 2002: 92.

**Localities:** SBW: GN08: Zgorigrad, 4.07.1983, 2♂ (1).

**UTM:** GN08.

**Vertical distribution:** 600 m; MB.

**Seasonal activity:** VII.

***Anatella turi*** Dziedzicki, 1923

Bechev, 1990a: 86 (1); 1997: 15; 2000: 60; 2002: 92.

**Localities:** SBM: KH74: Boatin, 20.04.1983, 1♂ (1).

**UTM:** KH74.

**Vertical distribution:** 1000 m; MB.

**Seasonal activity:** IV.

Genus ***Brevicornu*** Marshall, 1896***Brevicornu (Brevicornu) fissicauda*** (Lundström, 1911)

Bechev, 1991a: 28 (1); 1997: 15; 2000: 60; 2002: 92.

**Localities:** SBW: FN77: Gintsi, 1.08.1982, 1♂; FN88: Varshets (S of), 9.06.1984, 1♂ (1); Byalata voda, 10.06.1984, 1♂; FN99: Matnitsa, 27.06.1984, 1♂; GN08: Parshevitsa, 20.05.1982, 2♂, 1♀; 12.06.1982, 1♂; Vratsa, 5.04.1984, 2♂. SBM: KH63: Zlatitsa (N of) [=Srednogorie], 20.07.1983, 2♂; KH74: Divchovoto, 25.04.1983, 3♂.

**UTM:** FN77, FN88, FN99, GN08, KH63, KH74.

**Vertical distribution:** 350 - 1250 m; XO, MOH, MB.

**Seasonal activity:** IV - VIII.

***Brevicornu (Brevicornu) griseicolle*** (Staeger, 1840)

Bechev, 1991a: 28; 1997: 15; 2000: 61; 2002: 92.

**Localities:** SPW: GN19: Veslets, 8.04.1983, 3♂; 31.05.1985, 1♂. SBW: FN59:

Dalgi del, 24.07.1983, 1♂; FN77: Gintsi, 1.08.1982, 1♂; FN88: Byalata voda,

30.05.1985, 1♂; FN98: Gorna Byala rechka, 1.08.1982, 1♂; FN99: Matnitsa,

7.04.1983, 2♂; GN06: Osenovlag, 6.08.1983, 1♂; GN08: Parshevitsa, 20.05.1982,

2♂; Borov kamak, 10.08.1982, 1♂; Zgorigrad, 24.10.1984, 2♂. SBM: KH74:

Boatin, 10.04.1983, 3♂ (1); Divchovoto, 25.04.1983, 1♂.

**UTM:** FN59, FN77, FN88, FN98, FN99, GN06, GN08, GN19, KH74.

**Vertical distribution:** 350 - 1250 m; XO, MOH, MB.

**Seasonal activity:** IV, V, VII, VIII, X.

***Brevicornu (Brevicornu) ruficorne*** (Meigen, 1838)

Bechev, 1991a: 28; 1997: 15; 2000: 61; 2002: 92.

**Localities:** SBW: FN68: Kom (N of), 10.06.1985, 1♂; FN88: Varshets, 9.06.1984, 1♂ (1).

**UTM:** FN68, FN88.

**Vertical distribution:** 600 - 1700 m; MB, CF.

**Seasonal activity:** VI.

***Brevicornu (Brevicornu) sericoma*** (Meigen, 1830)

Bechev, 1991a: 28 (1); 1997: 15; 2000: 61; 2002: 93; 2006b: 706 (2).

**Localities:** SPW: GN19: Veslets, 20.07.1982, 1♂; 8.04.1983, 14♂; 20.10.1984,

2♂. SBW: FN59: Dalgi del, 24.07.1983, 4♂; FN68: Kom (N of), 10.06.1985, 2♂;

FN77: Gintsi, 1.08.1982, 3♂; FN78: Berkovitsa (above of), 7.04.1983, 2♂;

Petrohan, 25.06.1984, 1♂; FN88: Varshets, 10.07.1982, 1♂; 9.06.1984, 7♂;

Byalata voda, 7.10.1983, 3♂; 10.06.1984, 2♂; FN98: Gorna Byala rechka,

6.04.1982, 1♂; FN99: Matnitsa, 7.04.1983, 9♂; 7.11.1983, 2♂; 26.03.1984, 7♂;

GN06: Osenovlag, 6.08.1983, 6♂; GN07: Ochin dol, 6.08.1983, 2♂; GN08: Vratsa,

6.04.1982, 1♂; 5.04.1984, 3♂; Parshevitsa, 20.05.1982, 2♂; 17.07.1983, 1♂;

23.09.1984, 1♂; Ledenika, 22.05.1982, 1♂; 1.04.1983, 1♂; 24.10.1984, 2♂. SBM:

KH63: Zlatishki prohod, 18.07.1983, 2♂ (1); Zlatitsa (N of) [=Srednogorie],

20.07.1983, 3♂; KH73: Momina polyana, 27.04.1983, 3♂; KH74: Boatin,

6.06.1982, 2♂; 20.04.1983, 13♂; Divchovoto, 25.04.1983, 1♂. RRW: GM34:

Krastava, 16.09.1991, 1♂ (2).

**UTM:** FN59, FN68, FN77, FN78, FN88, FN98, FN99, GM34, GN06, GN07, GN08, GN19, KH63, KH73, KH74.

**Vertical distribution:** 350 - 1750 m; XO, MOH, MB, CF.

**Seasonal activity:** III - XI.

***Brevicornu (Brevicornu) spathulatum*** (Lundström, 1911)

Bechev, 1991a: 28 (1); 1997: 15; 2000: 61; 2002: 93.

**Localities:** SBW: FN88: Varshets, 9.06.1984, 1♂ (1).

**UTM:** FN88.

**Vertical distribution:** 600 m; MB.

**Seasonal activity:** VI.

Genus *Cordyla* Meigen, 1803

*Cordyla brevicornis* (Staeger, 1840)

Nedelkov, 1912: 179 (1); Bechev, 1985a: 39 (2); 1997: 15; 2000: 61; 2002: 93; 2006b: 706 (3).

**Localities:** SBW: GN06: Osenovlag, 6.08.1983, 1♂; PVS: FN92: Sofia (1, 2). RRW: GM34: Krastava, 30.08.1991, 1♂ (3).

**UTM:** FN92, GM34, GN06.

**Vertical distribution:** 600 - 1500 m; XO, MB, CF.

**Seasonal activity:** VIII - X.

*Cordyla crassicornis* Meigen, 1818

Bechev, 1996: 20 (1); 1997: 15; 2000: 61; 2002: 93.

**Localities:** SPW: GN19: Veslets, 29.06.1984, 1♂. SBW: FN99: Matnitsa, 7.11.1983, 2♂; 26.03.1984, 9♂ (1); 27.06.1984, 1♂; GN08: Zgorigrad, 4.07.1983, 1♂; Vratsa, 3.05.1984, 1♂; 26.06.1988, 2♂. PBS: NG65: Kostin, 29.05.1987, 3♂. BN: NH76: Kamchia, 4.07.1985, 2♂ (1). BS: NG66: Tsarevo [=Michurin], 20.06.1989, 4♂.

**UTM:** FN99, GN08, GN19, NG65, NG66, NH76.

**Vertical distribution:** 5 - 600 m; XO, MB.

**Seasonal activity:** III, V - VII, XI.

*Cordyla fasciata* Meigen, 1830

Bechev, 1996: 20 (1); 1997: 16; 2002: 93; 2006b: 706 (2).

**Localities:** RRW: GM34: Krastava, 27.08.1991, 1♂ (1, 2).

**UTM:** GM34.

**Vertical distribution:** 1500 m; MB, CF.

**Seasonal activity:** VIII.

*Cordyla fissa* Edwards, 1925

Bechev, 1996: 20 (1); 1997: 16; 2000: 61; 2002: 93; 2006b: 706 (2).

**Localities:** SPW: GN09: Chiren, 27.03.1984, 2♂; GN19: Veslets, 4.06.1982, 2♂. SBW: FN78: Petrohan, 25.06.1984, 1♂; FN88: Byalata voda, 10.06.1984, 1♂; FN98: Gorna Byala rechka, 1.08.1982, 1♂; FN99: Matnitsa, 26.03.1984, 3♂ (1); 27.06.1984, 2♂; GN08: Parshevitsa, 17.07.1983, 3♂; 8.06.1984, 2♂ (1); 23.09.1984, 1♂; Ledenika, 24.10.1984, 2♂. RRW: GM34: Krastava, 14.09.1991, 1♂ (1, 2); LG04: Lilkovo, 1.06.1981, 1♂ (2). BS: NG66: Tsarevo [=Michurin], 20.06.1989, 3♂.

**UTM:** FN78, FN88, FN98, FN99, GM34, GN08, GN09, GN19, LG04, NG66.

**Vertical distribution:** 5 - 1500 m; XO, MB, CF.

**Seasonal activity:** III, VI - X.

***Cordyla flaviceps*** (Staeger, 1840)

Bechev, 1996: 20 (1); 1997: 16; 2000: 61; 2002: 93.

**Localities:** SBW: GN06: Osenovlag, 6.08.1983, 1♂ (1).

**UTM:** GN06.

**Vertical distribution:** 800 m; MB.

**Seasonal activity:** VIII.

***Cordyla fusca*** Meigen, 1804

Bechev, 1996: 20 (1); 1997: 16; 1999a: 38; 2000: 61; 2002: 93.

**Localities:** SBW: FN99: Matnitsa, 16.07.1983, 2♂ (1).

**UTM:** FN99.

**Vertical distribution:** 350 - 110 m; XO, MB.

**Seasonal activity:** VII.

***Cordyla murina*** Winnertz, 1863

Bechev, 1996: 20 (1); 1997: 16; 2000: 61; 2002: 93.

**Localities:** SBW: FN98: Gorna Byala rechka, 6.04.1982♂; FN99: Matnitsa, 27.06.1984, 1♂; GN08: Zgorigrad, 24.10.1984, 1♂ (1); Vratsa, 26.06.1988, 1♂. PBS: NG66: Silkosia, 26.09.1989, ♂1 RPR: FM76: Rila, 7.10.1995, ♂1 RPS: GL29: Paril, 3.06.1988, 1♂.

**UTM:** FM76, FN98, FN99, GL29, GN08, NG66.

**Vertical distribution:** 350 - 2200 m; XO, MOH, MB, CF, SA.

**Seasonal activity:** IV, VI, IX, X.

***Cordyla nitens*** Winnertz, 1863

Bechev, 1996: 20 (1); 1997: 16; 1999a: 38; 2000: 61; 2002: 93.

**Localities:** SBW: FN88: Byalata voda, 30.05.1985, 6♂ (1); FN99: Matnitsa, 27.06.1984, 1♂ (1).

**UTM:** FN88, FN99.

**Vertical distribution:** 350 - 1100 m; XO, MB.

**Seasonal activity:** V, VI.

***Cordyla nitidula*** Edwards, 1925

Bechev, 1996: 20 (1); 1997: 16; 1999a: 38; 2000: 61; 2002: 93; 2006b: 706 (2).

**Localities:** SBW: FN88: Byalata voda, 30.05.1985, 5♂, 1♀ (1). RRW: GM34: Krastava, 30.08.1991, 2♂ (1, 2).

**UTM:** FN88, RRW.

**Vertical distribution:** 775 - 1500 m; MB, CF.

**Seasonal activity:** V, VIII.

***Cordyla semiflava*** (Staeger, 1840)

Bechev, 1996: 20 (1); 1997: 16; 2000: 61; 2002: 93.

**Localities:** SBW: FN77: Gintsi, 1.08.1982, 1♂ (1).

**UTM:** FN77.

**Vertical distribution:** 800 m; MOH.

**Seasonal activity:** VIII.



Genus *Exechia* Winnertz, 1863*Exechia bicincta* (Staeger, 1840)

Bechev, 1989a: 156 (1); 1989b: 162; 1997: 16; 1999a: 38; 2000: 61; 2002: 93; 2004: 737 (2).

**Localities:** SPW: GN19: Veslets, 20.07.1982, 2♂ (1); GN38: Strupets, 5.07.1983, 1♂. SBW: FN59: Dalgi del, 24.07.1983, 3♂ (1); FN78: Berkovitsa, 20.08.1982, 1♂; FN88: Byalata voda, 7.10.1983, 2♂; Varshets (S of), 9.06.1984, 1♂; FN99: Matnitsa, 7.04.1983, 2♂ (1); 16.07.1983, 5♂, 5♀; GN06: Osenovlag, 6.08.1983, 4♂; GN08: Ledenika, 22.05.1982, 1♂ (1); 3.09.1983, 3♂; Parshevitsa, 12.06.1982, 1♂; Vratsa, 13.07.1982, 1♂ (1); Borov kamak, 10.08.1982, 1♂. SBM: KH74: Boatin, 6.06.1982, 1♂; Divchovoto, 22.04.1983, 4♂ (1). RRE: LG61: Kardzhali, 14.05.1991, 2♂ (2).

**UTM:** FN59, FN78, FN88, FN99, GN06, GN08, GN19, GN38, KH74, LG61.

**Vertical distribution:** 250 - 1250 m; XO, MOH, MB.

**Seasonal activity:** IV - X.

*Exechia dizona* Edwards, 1925

Bechev, 1990a: 86 (1); 1997: 16; 2000: 61; 2002: 94.

**Localities:** SPW: KH58: Kunino, 9.04.1984, 1♂ (1).

**UTM:** KH58.

**Vertical distribution:** 320 m; XO.

**Seasonal activity:** IV.

*Exechia dorsalis* (Staeger, 1840)

Bechev, 1989a: 157 (1); 1997: 16; 2000: 61; 2002: 94.

**Localities:** SPW: GN19: Veslets, 2.09.1983, 1♂ (1); 20.10.1983, 1♂. SBW: FN59: Dalgi del, 24.07.1983, 1♂ (1); FN88: Byalata voda, 26.06.1982, 1♂ (1); 7.10.1983, 2♂ (1); GN08: Ledenika, 1.04.1983, 1♂ (1); 4.05.1986, 1♂. SBM: KH74: Boatin, 20.04.1983, 4♂.

**UTM:** FN59, FN88, GN08, GN19, KH74.

**Vertical distribution:** 550 - 1000 m; XO, MB.

**Seasonal activity:** IV - VII, IX, X.

*Exechia exigua* Lundström, 1909

Bechev, 1989a: 157 (1); 1997: 16; 2000: 61; 2002: 94; 2004: 737 (2).

**Localities:** SBW: FN59: Dalgi del, 24.07.1983, 1♂ (1); GN08: Parshevitsa, 17.07.1983, 1♂ (1); Vratsa, 5.04.1984, 1♂ (1). SBM: KH74: Boatin, 20.04.1983, 7♂; Divchovoto, 25.04.1983, 2♂ (1). RRE: LG61: Kardzhali, 14.05.1991, 2♂ (2).

**UTM:** FN59, GN08, KH74, LG61.

**Vertical distribution:** 300 - 1250 m; XO, MB.

**Seasonal activity:** IV, V, VII.

*Exechia festiva* Winnertz, 1863

Bechev, 1989a: 157 (1); 1997: 16; 2000: 61; 2002: 94.

**Localities:** SBM: KH63: Zlatishki prohod, 18.07.1983, 1♂ (1); KH74: Divchovoto, 22.04.1983, 1♂ (1).

**UTM:** KH63, KH74.

**Vertical distribution:** 700 - 900 m; MB.

**Seasonal activity:** IV, VII.

***Exechia fulva*** Santos Abreu, 1920

*E. peyerimhoffi* Burghele-Balacesco: Bechev, 1986a: 73 (1). *E. fulva* Santos Abreu: Bechev, 1997: 16; 1999a: 38; 2000: 61; 2002: 94; 2006b: 706 (2).

**Localities:** SBW: FN68: Kom (N of), 25.08.1981, 1♂ (1); 8.07.1982, 36♂, 7♀; 31.05.1985, 13♂; 10.06.1985, 35♂; GN08: Parshevitsa, 20.05.1982, 4♂, 1♀; 12.06.1982, 1♂. SBM: KH73: Momina polyana, 27.04.1983, 3♂; KH74: Boatin, 20.04.1983, 16♂; Divchovoto, 24.04.1983, 12♂. RRW: GM34: Krastava, 8.08.1991, 1♂ (2); LG05: Bryanovshitsa, 18.11.1990, 1♀.

**UTM:** FN68, GM34, GN08, KH73, KH74, LG05.

**Vertical distribution:** 700 - 1750 m; MB, CF.

**Seasonal activity:** IV - VIII, XI.

***Exechia fusca*** (Meigen, 1804)

*E. lateralis* (Meigen): Ioakimov, 1889: 878 (1). *E. fusca* Meigen: Bechev, 1985a: 38 (2); 1989b: 162; 1997: 16; 1999a: 38; 2000: 61; 2002: 94; 2004: 737 (3); 2006b: 706 (4)

**Localities:** SPW: GN09: Chiren, 8.05.1984, 1♂; GN19: Veslets, 8.04.1983, 18♂. SBW: FN68: Kom (N of), 8.07.1982, 1♂; FN78: Berkovitsa (above of), 7.04.1983, 3♂; Petrohan, 25.06.1984, 1♂; FN88: Byalata voda, 30.05.1985, 2♂; FN98: Druzhevo, 23.08.1981, 1♂ (2); Gorna Byala rechka, 6.04.1982, 4♂; FN99: Matnitsa, 20.08.1982, 5♂; 7.11.1983, 1♂; 26.03.1984, 6♂; GN06: Osenovlag, 5.08.1983, 5♂; GN08: Vratsa, 6.04.1982, 3♂; 12.07.1982, 1♂; 5.11.1983, 1♂; 28.03.1984, 1♂; 26.10.1984, 1♂; Parshevitsa, 20.05.1982, 9♂; 17.07.1983, 2♂; 23.09.1984, 2♂; Ledenika, 22.05.1982, 2♂; 1.04.1983, 7♂; 3.09.1983, 1♂; 24.10.1984, 3♂; GN35: Pravets, 20.07.1983, 1♂. SBM: KH74: Boatin, 6.06.1982, 2♂; 20.04.1983, 10♂; Divchovoto, 22.04.1983, 6♂. PBS: NG65: Kosti, 29.05.1987, 1♂; NG66: Silkosia, 29.05.1987, 1♂. RPR: FM96: Rilski manastir, 1889 (1). RRW: GM34: Krastava, 14.09.1991 1♂ (4); LG04: Zdravets, 15.05.1981, 1♂ (4); LG25: Asenovgrad, 15.03.1991, 4♂, 1♀ (4). RRE: LG31: Chernoochene, 14.05.1991, 2♂ (3); MF29: Ivaylovgrad, 15.05.1991, 1♂ (3).

**UTM:** FM96, FN68, FN78, FN88, FN98, FN99, GM34, GN06, GN08, GN09, GN19, GN35, KH74, LG04, LG25, LG31, MF29, NG65, NG66.

**Vertical distribution:** 100 - 1700 m; XO, MOH, MB, CF.

**Seasonal activity:** III - XI.

***Exechia lundstroemi*** Landrock, 1923

Bechev, 1989a: 157 (1); 1997: 16; 1999a: 39; 2000: 61; 2002: 94; 2006b: 706 (2).

**Localities:** SBW: FN68: Kom (N of), 8.07.1982, 1♂ (1); GN08: Ledenika, 24.10.1984, 1♂ (1). RRW: LG03: Chudnite mostove, 30.08.1991, 7♂ (2).

**UTM:** FN68, GN08, LG03.

**Vertical distribution:** 800 - 1700 m; MB, CF.

**Seasonal activity:** VII, VIII, X.

***Exechia macula*** Chandler, 2001

*E. maculipennis* (Stannius, 1831): Bechev, 1994: 27 (1); 1997: 16; 2000: 61; 2002: 94; *E. macula* Chandler, 2001: Bechev.2003: 98.

**Localities:** SPW: GN19: Veslets, 31.05.1985, 1♀ (1).

**UTM:** GN19.

**Vertical distribution:** 550 m; XO.

**Seasonal activity:** V.

***Exechia parva*** Lundström, 1909

Bechev, 1989a: 157 (1); 1997: 16; 2000: 61; 2002: 94; 2004: 737 (2).

**Localities:** SPW: GN09: Chiren, 27.03.1984, 1♂ (1). SBW: FN78: Berkovitsa (above of), 7.04.1983, 1♂. SBM: KH74: Divchovoto, 22.04.1983, 1♂ (1). RRE: MF29: Ivaylovgrad, 15.05.1991, 1♂ (2).

**UTM:** FN78, GN09, KH74, MF29.

**Vertical distribution:** 150 - 1700 m; XO, MB.

**Seasonal activity:** III, IV, V.

***Exechia pseudocincta*** Strobl, 1909

Bechev, 1989a: 157 (1); 1997: 16; 2000: 61; 2002: 94.

**Localities:** SBW: FN66: Godech, 1.08.1982, 1♂ (1); FN78: Barziya, 1.08.1982, 1♂ (1); GN06: Osenovlag, 6.08.1983, 1♂ (1). SBM: KH73: Momina polyana, 27.04.1983, 2♂.

**UTM:** FN66, FN78, GN06, KH73.

**Vertical distribution:** 600 - 1750 m; MOH, MB, CF.

**Seasonal activity:** IV, VIII.

***Exechia separata*** Lundström, 1912

Bechev, 1989a: 158 (1); 1989b: 162; 1997: 16; 1999a: 39; 2000: 61; 2002: 94; 2004: 737 (2).

**Localities:** SBW: FN66: Godech, 1.08.1982, 1♂ (1); GN08: Parshevitsa, 20.05.1982, 1♂ (1); 17.07.1983, 2♂; Vratsa, 14.07.1983, 6♂, 13♀ (1); 23.10.1983, 5♂, 7♀. RRE: LG32: Chernoochene, 14.05.1991, 3♂ (2).

**UTM:** FN66, GN08, LG32,

**Vertical distribution:** 300 - 1250 m; XO, MOH, MB.

**Seasonal activity:** V, VII, VIII, X.

***Exechia seriata*** (Meigen, 1830)

Bechev, 1986a: 73 (1); 1989b: 162; 1997: 16; 1999a: 39; 2000: 61; 2002: 94; 2004: 737 (2)

**Localities:** SPW: GN19: Veslets, 2.09.1983, 1♂. SBW: FN78: Berkovitsa (above of), 25.08.1981, 1♂, 1♀ (1); FN88: Byalata voda, 7.10.1983, 2♂; 30.05.1985, 4♂; FN99: Matnitsa, 16.07.1983, 59♂, 25♀; GN06: Osenovlag, 6.08.1983, 1♂; 5.09.1983, 1♂; GN08: Ledenika, 3.09.1983, 2♂; 24.10.1984, 2♂, 1♀; Parshevitsa, 23.09.1984, 1♂; Zgorigrad (above of), 24.10.1984, 1♂; GN35: Pravets (N of), 20.07.1983, 2♂, 1♀. SBM: KH74: Boatin, 20.04.1983, 5♂; Divchovoto, 22.04.1983, 1♂, 1♀. RRE: LG40: Ardino, 16.05.1991, 1♂ (2).

**UTM:** FN78, FN88, FN99, GN06, GN08, GN19, GN35, KH74, LG40.

**Vertical distribution:** 350 - 1250 m; XO, MOH, MB, CF.

**Seasonal activity:** IV, V, VII - X.

Genus ***Exechiopsis*** Tuomikoski, 1966

***Exechiopsis (Exechiopsis) clypeata*** (Lundström, 1911)

Bechev, 1990a: 86 (1); 1997: 16; 2000: 61; 2002: 94.

**Localities:** SBM: KH74: Boatin, 6.06.1982, 1♂ (1). RPR: GM17: Musala.

**UTM:** KH74, GM17.

**Vertical distribution:** 1000 - 2390 m; MB, SA.

**Seasonal activity:** VI.

***Exechiopsis (Exechiopsis) dimitrescui*** (Burghele-Balacesco, 1972)

Bechev, 1990a: 86; 1997: 16; 2000: 61; 2002: 95.

**Localities:** SBM: KH74: Boatin, 20.04.1983, 1♂ (1).

**UTM:** KH74.

**Vertical distribution:** 1000 m; MB.

**Seasonal activity:** IV.

***Exechiopsis (Exechiopsis) furcata*** (Lundström, 1912)

*Exechia furcata*: Burghele-Balacesco, 1966: 303 (1). *Exechiopsis furcata* (Lundström): Bechev, 1985a: 38 (2); 1997: 16; 2000: 61; 2002: 95.

**Localities:** SBW: GN08: Parshevitsa, 20.05.1982, 1♂; Reznyovete, 23.08.1963, 1♂ (1, 2).

**UTM:** GN08.

**Vertical distribution:** 800 - 1250 m; MB.

**Seasonal activity:** V, VIII.

***Exechiopsis (Exechiopsis) indecisa*** (Walker, 1856)

*Exechia indecisa*: Burghele-Balacesco, 1966: 304 (1). *Exechiopsis indecisa* (Walker): Bechev, 1985a: 38 (2); 1997: 16; 2000: 61; 2002: 95.

**Localities:** SBW: GN08: Reznyovete, 23.08.1963, 2♂, 1♀ (1, 2).

**UTM:** GN08.

**Vertical distribution:** 800 m; MB.

**Seasonal activity:** VIII.

***Exechiopsis (Exechiopsis) intersecta*** (Meigen, 1818)

*Exechia intersecta* Burghele-Balacesco, 1966: 304 (1). *Exechiopsis intersecta* (Meigen): Bechev, 1985a: 38 (2); 1997: 16; 2000: 61; 2002: 95.

**Localities:** SBW: GN08: Ledenika, 18.08.1963, 1♂ (1, 2).

**UTM:** GN08.

**Vertical distribution:** 800 m; MB.

**Seasonal activity:** VIII.

***Exechiopsis (Exechiopsis) lackschewitziana*** (Stackelberg, 1948)

Bechev, 1996: 20 (1); 1997: 16; 2002: 95; 2006b: 706 (2).

**Localities:** RRW: GM34: Krastava, 14.09.1991, 1♂ (1, 2).

**UTM:** GM34.

**Vertical distribution:** 1500 m; MB, CF.

**Seasonal activity:** IX.

***Exechiopsis (Exechiopsis) magnicauda*** (Lundström, 1911)

Bechev, 1986a: 73 (1); 1997: 16; 2000: 61; 2002: 95.

**Localities:** SBW: FN78: Berkovitsa, 25.08.1981, 1♂ (1); 20.08.1982, 1♂; 30.05.1985, 3♂; Berkovitsa (above of), 23.05.1982, 6♂, 2♀; FN88: Byalata voda, 7.10.1983, 1♂; GN08: Ledenika, 22.05.1982, 2♂; 3.09.1983, 1♂; Parshevitsa, 12.06.1982, 1♂; 17.07.1983, 1♂.

**UTM:** FN78, FN88, GN08.

**Vertical distribution:** 700 - 1250 m; MOH, MB

**Seasonal activity:** V - X.

***Exechiopsis (Exechiopsis) subulata*** (Winnertz, 1863)

Bechev, 1989a: 158 (1); 1997: 16; 2000: 61; 2002: 95.

**Localities:** SBM: KH74: Boatin, 6.06.1982, 1♂; Divchovoto, 22.04.1983, 3♂ (1).

**UTM:** KH74.

**Vertical distribution:** 700 - 1000 m; MB.

**Seasonal activity:** IV, VI.

***Exechiopsis (Exechiopsis) unguiculata*** (Lundström, 1911)

Bechev, 1989a: 158 (1); 1997: 16; 2000: 61; 2002: 95.

**Localities:** SBW: FN68: Kom (N of), 23.05.1982, 1♂ (1).

**UTM:** FN68.

**Vertical distribution:** 1700 m; CF.

**Seasonal activity:** V.

***Exechiopsis (Exechiopsis) vizzavonensis*** (Edwards, 1928)

*Exechila vizzavonensis*: Burghel-Balacesco, 1966: 304 (1). *Exechiopsis vizzavonensis* (Edwards): Bechev, 1985a: 38 (2); 1997: 16; 2000: 61; 2002: 95; 2006b: 706 (3).

**Localities:** SBW: GN08: Reznyovete, 23.08.1963, 3♂, 1♀ (1, 2). SBM: KH74: Boatin, 20.04.1983, 1♂. RRW: LG04: Lilkovo, 1.06.1981, 1♂ (3).

**UTM:** GN08, KH74, LG04.

**Vertical distribution:** 800 - 1350 m; MB, CF.

**Seasonal activity:** IV, VI, VIII.

***Exechiopsis (Xenexechia) crucigera*** (Lundström, 1909)

Bechev, 1989a: 158 (1); 1997: 16; 2000: 61; 2002: 95; 2004: 737 (2).

**Localities:** SPW: GN19: Veslets, 8.04.1983, 1♂ (1). SBW: FN78: Berkovitsa (above of), 31.05.1985, 1♂ (1). RRE: LG61: Kardzhali, 14.05.1991, 1♂ (2).

**UTM:** FN78, GN19, LG61.

**Vertical distribution:** 300 - 700 m; XO, MB.

**Seasonal activity:** IV, V.

***Exechiopsis (Xenexechia) davatchii*** (Matile, 1969)

Bechev, 1989a: 158 (1); 1997: 16; 2000: 61; 2002: 95.

**Localities:** SBW: GN06: Osenovlag, 5.08.1983, 1♂ (1).

**UTM:** GN06.

**Vertical distribution:** 800 m; MB.

**Seasonal activity:** VIII.

***Exechiopsis (Xenexechia) leptura*** (Meigen, 1830)

Bechev, 1991a: 27 (1); 1997: 16; 2000: 61; 2002: 95.

**Localities:** SBM: KH74: Boatin, 20.04.1983, 1♂ (1).

**UTM:** KH74.

**Vertical distribution:** 1000 m; MB.

**Seasonal activity:** IV.

Genus ***Notolopha*** Tuomikoski, 1966

***Notolopha cristata*** (Staeger, 1840)

*Allodiopsis (Notolopha) cristata* (Staeger, 1840): Bechev, 1991a: 28 (1); 1997: 15; 2000: 60; 2002: 92.

**Localities:** SBW: FN68: Kom (N of), 8.07.1982, 1♂; FN77: Gintsi, 1.08.1982, 3♂; FN78: Berkovitsa (above of), 23.05.1982, 1♂; Petrohan, 1.08.1982, 2♂; 25.06.1984, 1♂ (1). SBM: KH74: Boatin, 6.06.1982, 3♂; 20.04.1983, 3♂; Divchovoto, 24.04.1983, 11♂.

**UTM:** FN68, FN77, FN78, KH74.

**Vertical distribution:** 800 - 1700 m; MOH, MB, CF.

**Seasonal activity:** IV - VIII.

Genus ***Pseudexechia*** Tuomikoski, 1966

***Pseudexechia trisignata*** (Edwards, 1913)

Bechev, 1989a: 158 (1); 1997: 16; 2000: 61; 2002: 96.

**Localities:** SBW: FN68: Kom (N of), 8.07.1982, 1♂ (1).

**UTM:** FN68.

**Vertical distribution:** 1700 m; CF.

**Seasonal activity:** VII.

Genus ***Pseudobrachypeza*** Tuomikoski, 1966

***Pseudobrachypeza helvetica*** (Walker, 1856)

Bechev, 1994: 27 (1); 1997: 16; 2000: 61; 2002: 96.

**Localities:** SBW: FN59: Dalgi del, 24.07.1983, 1♂ (1); FN78: Petrohan, 25.06.1984, 1♂ (1); Barziya, 26.06.1984, 1♂ (1); FN88: Byalata voda, 26.06.1982, 1♂; 10.07.1982, 1♂; 30.05.1985, 1♂; Varshets, 9.06.1984, 2♂; GN08: Zgorigrad, 9.05.1984, 1♂ (1). SBM: KH74: Boatin, 7.09.1984, 2♂ (1).

**UTM:** FN59, FN78, FN88, GN08, KH74.

**Vertical distribution:** 600 - 1200 m; MB.

**Seasonal activity:** V - VII, IX.

Genus *Pseudorymosia* Tuomikoski, 1966*Pseudorymosia fovea* (Dziedzicki, 1909)

Bechev, 1990a: 87 (1); 1997: 16; 2000: 62; 2002: 96.

**Localities:** SBW: FN78: Berkovitsa (above of), 29.08.1981, 1♂. SBM: KH74: Divchovoto, 22.04.1983, 1♂ (1).

**UTM:** FN78, KH74.

**Vertical distribution:** 700 - 1200 m; MB.

**Seasonal activity:** IV, VIII.

Genus *Rymosia* Winnertz, 1863*Rymosia affinis* Winnertz, 1863

*R. gracilipes* Dziedzicki: Burghel-Balacesco, 1966: 306 (1). *R. affinis* Winnertz: Bechev, 1985a: 38 (2); 1997: 17; 2000: 62; 2002: 96; 2004: 737 (3).

**Localities:** SPW: KH68: Karlukovo, 22.08.1963 (1, 2). SBW: FN78: Berkovitsa (above of), 23.05.1982, 2♂; GN08: Parshevitsa, 20.05.1982, 2♂; 12.06.1982, 1♂; Vratsa, 3.05.1984, 1♂; 26.10.1984, 2♂. SBM: KH63: Zlatishki prohod, 19.07.1983, 2♂. RRE: LG32: Chernoochene, 14.05.1991, 2♂ (3); MF29: Ivaylovgrad, 15.05.1991, 1♂ (3).

**UTM:** FN78, GN08, KH63, KH68, LG32, MF29.

**Vertical distribution:** 150 - 1250 m; XO, MB.

**Seasonal activity:** V - VIII, X.

*Rymosia fasciata* (Meigen, 1804)

*Rimosia festiva* Winnertz: Bechev, 1989a: 158 (1). *Rymosia fasciata* (Meigen): Bechev, 1997: 17; 2000: 62; 2002: 96; 2004: 737 (2).

**Localities:** SPW: GN19: Veslets, 20.10.1983, 1♂ (1); Suihya Skst, 10.10.1986, 2♂. SBW: FN78: Berkovitsa (above of), 20.08.1982, 1♂ (1); FN88: Byalata voda, 7.10.1983, 3♂ (1); GN08: Ledenika, 3.09.1983, 1♂ (1); 23.09.1984, 1♂. SBM: KH74: Boatin, 6.06.1982, 1♂; 20.04.1983, 1♂; Divchovoto, 22.04.1983, 3♂ (1). PBS: NG65: Kostin, 29.05.1987, 1♂. RRE: LG40: Ardino, 16.05.1991, 3♂ (2); LG62: Chernoochene, 14.05.1991, 2♂ (2); MF29: Ivaylovgrad, 15.05.1991, 1♂ (2).

**UTM:** FN78, FN88, GN08, GN19, KH74, LG40, LG62, MF29, NG65.

**Vertical distribution:** 100 - 1000 m; XO, MB.

**Seasonal activity:** IV - VI, VIII - X.

*Rymosia placida* Winnertz, 1863

Bechev, 1990a: 86 (1); 1997: 17; 2000: 62; 2002: 96.

**Localities:** SBM: KH74: Boatin, 20.04.1983, 2♂ (1); Divchovoto, 22.04.1983, 1♂ (1); 25.04.1983, 1♂.

**UTM:** KH74.

**Vertical distribution:** 700 - 1000 m; MB.

**Seasonal activity:** IV.

***Rymosia setiger*** Dziedzicki, 1910

Bechev, 1990a: 86 (1); 1997: 17; 2000: 62; 2002: 96.

**Localities:** SBW: FN78: Barziya, 1.08.1982, 1♂ (1).

**UTM:** FN78.

**Vertical distribution:** 650 m; MB.

**Seasonal activity:** VIII.

***Rymosia spinipes*** Winnertz, 1863

Bechev, 1990a: 86 (1); 1997: 17; 2000: 62; 2002: 96; 2004: 738 (2).

**Localities:** SPW: GN19: Veslets, 8.04.1983, 1♂ (1); Suhiya skat, 10.10.1986, 1♂.

SBW: FN88: Byalata voda, 10.07.1982, 1♂ (1); GN06: Osenovlag, 6.08.1983, 1♂;

GN08: Ledenika, 17.07.1982, 1♂ (1); 24.10.1984, 1♂. RRE: MF29: Ivaylovgrad, 15.05.1991, 1♂ (2).

**UTM:** FN88, GN06, GN08, GN19, MF29.

**Vertical distribution:** 150 - 800 m; XO, MB.

**Seasonal activity:** IV, V, VII, VIII, X.

***Rymosia virens*** Dziedzicki, 1910

Bechev, 1990a: 86 (1); 1997: 17; 2000: 62; 2002: 96.

**Localities:** SBW: FN68: Kom (N of), 23.05.1982, 1♂; GN06: Osenovlag,

5.08.1983, 3♂. SBM: KH74: Boatin, 20.04.1983, 2♂ (1); Divchovoto, 22.04.1983, 1♂.

**UTM:** FN68, GN06, KH74.

**Vertical distribution:** 700 - 1700 m; MB, CF.

**Seasonal activity:** IV, V, VIII.

Genus ***Synplasta*** Skuse, 1890

***Synplasta gracilis*** (Winnertz, 1863)

*Allodiopsis (G.) excogitata* (Dziedzicki): Bechev, 1991a: 27 (1); 1997: 15; 2000: 60. *Synplasta excogitata* (Dziedzicki): Bechev, 2002: 96. *S. gracilis* (Winnertz, 1863): Bechev, 2003: 98.

**Localities:** SBW: GN08: Parshevitsa, 23.09.1984, 1♂ (1). SBM: KH74: Boatin, 20.04.1983, 1♂.

**UTM:** GN08, KH74.

**Vertical distribution:** 900 - 1250 m; MB.

**Seasonal activity:** IV, IX.

***Synplasta sintenisi*** (Lackschewitz, 1937)

*Allodiopsis (G.) sintenisi*: Bechev, 1991a: 28 (1); 1997: 15; 2000: 60. *Synplasta sintenisi* (Lackschewitz): Bechev, 2002: 96.

**Localities:** SBW: GN08: Zgorigrad, 4.07.1983, 1♂ (1).

**UTM:** GN08.

**Vertical distribution:** 600 m; MB.

**Seasonal activity:** VII.



Genus ***Tarnania*** Tuomikoski, 1966

***Tarnania dziedzickii*** (Edwards, 1941)

*Rhymosia dziedzickii*: Burghel-Balacesco, 1966: 304, 305 (1). *Tarnania dziedzickii*: (Edwards): Bechev, 1985a: 39; 1997: 17; 2000: 62; 2002: 97; 2004: 738 (2).

**Localities:** SPW: KH68: Karlukovo, 22.08.1963, 1♂, 1♀ (1). PBS: NG36: Mladezhko, 7.05.1963, 1♂ (1). RRE: LG61: Kardzhali, 14.05.1991, 2♂ (2).

**UTM**: KH68, LG61, NG36.

**Vertical distribution**: 180 – 300 m; XO.

**Seasonal activity**: V, VIII.

***Tarnania fenestralis*** (Meigen, 1818)

*Rhymosia fenestralis*: Burghel-Balacesco, 1966: 302 (1), 305. *Tarnania fenestralis* (Meigen): Bechev, 1985a: 39 (2); 1997: 17; 1999a: 39; 2000: 62; 2002: 97; 2004: 738 (3); 2006b: 706 (4).

**Localities:** SPW: KH68: Karlukovo, 22.08.1963, 47♂, 54♀ (1, 2). SBW: GN08: Ledenika, 18.08.1963, 1♂, 22♀ (1, 2); 22.05.1982, 1♂; 24.10.1984, 1♂; Vratsa, 19.08.1963, 257♂, 255♀ (1, 2); Reznyovete, 23.08.1963, 1♂, 5♀ (1, 2); Parshevitsa, 12.06.1982, 1♂; 23.09.1984, 2♂. SBE: MH54: Kotel, 17.08.1963, 2♀ (1, 2). PBS: NG65: Kostin, 27.05.1987, 1♂; 29.05.1987, 2♂. RRW: LG05: Bryanovshtitsa, 18.11.1990, 1♂, 1♀ (4). RRE: LG61: Kardzhali, 14.05.1991, 2♂ (3).

**UTM**: GN08, KH68, LG05, LG61, MH54, NG65.

**Vertical distribution**: 100 - 1250 m; XO, MOH, MB, CF.

**Seasonal activity**: V, VI, VIII - X.

***Tarnania nemoralis*** (Edwards, 1941)

Bechev, 1991a: 27 (1); 1997: 17; 2000: 62; 2002: 97.

**Localities:** SBW: FN78: Berkovitsa, 7.04.1983, 1♂ (1); Berkovitsa (above of), 7.04.1983, 1♂.

**UTM**: FN78.

**Vertical distribution**: 400 - 1200 m; MOH, MB.

**Seasonal activity**: IV.

**Tribe Mycetophilini**

Genus ***Dynatosoma*** Winnertz, 1863

***Dynatosoma fuscicorne*** (Meigen, 1818)

Bechev, 1991a: 28 (1); 1997: 17; 2000: 62; 2002: 97; 2004: 738 (2).

**Localities:** SPW: GN19: Veslets, 20.07.1982, 4♂, 1♀; 31.05.1985, 1♂. SBW: FN68: Kom (N of), 10.06.1985, 1♂; FN78: Berkovitsa, 30.05.1985, 1♂; GN06: Osenovlag, 5.09.1984, 1♂; GN08: Vratsa, 10.07.1982, 1♀; Ledenika, 1.04.1983, 1♀ (1). RRE: LG40: Ardino, 16.05.1991, 1♂ (2).

**UTM**: FN68, FN78, GN06, GN08, GN19, LG40.

**Vertical distribution**: 350 - 1700 m; XO, MOH, MB, CF.

**Seasonal activity**: IV - VII, IX.

***Dynatosoma majus*** Landrock, 1912

Bechev, 1986b: 58 (1); 1997: 17; 2000: 62; 2002: 97; 2004: 738 (2); 2006b: 706 (3).

**Localities:** SBW: FN78: Berkovitsa, 25.08.1981, 1♀ (1); FN88: Byalata voda, 26.06.1982, 1♀ (1); 10.07.1982, 1♀ (1); 10.06.1984, 1♂, 1♀; Varshets, 9.06.1984, 1♀; FN99: Matnitsa, 27.06.1984, 1♀; GN08: Vratsa, 5.08.1981, 1♀ (1). SBM: KH74: Boatin, 6.06.1982, 1♀; 7.09.1984, 1♀. RPS: GL18: Goleshovo, 6.06.1988, 1♂. RRW: LG04: Sitovo, 1.06.1981, 1♂ (3). RRE: LG40: Ardino, 16.05.1991, 1♂, 2♀ (2).

**UTM:** FN78, FN88, FN99, GL18, GN08, KH74, LG04, LG40.

**Vertical distribution:** 350 - 1300 m; XO, MOH, MB.

**Seasonal activity:** V - IX.

***Dynatosoma nigromaculatum*** Lundström, 1913

Bechev, 1994: 26 (1); 1997: 17; 2002: 97.

**Localities:** BN: NH76: Kamchia, 4.07.1985, 1♂, 1♀ (1).

**UTM:** NH76.

**Vertical distribution:** 10 m; XO.

**Seasonal activity:** VII.

Genus ***Epicypa*** Winnertz, 1863

***Epicypa torquata*** Matile, 1977

Bechev, 1994: 26 (1); 1997: 17; 2000: 62; 2002: 97; 2006b: 706 (2).

**Localities:** SBW: FN99: Matnitsa, 10.07.1982, 1♂ (1). RRW: LG05: Hrabrino, 1.09.1989, 3♂, 1♀ (1, 2).

**UTM:** FN99, LG05.

**Vertical distribution:** 350 - 500 m; XO.

**Seasonal activity:** VII, IX.

Genus ***Mycetophila*** Meigen, 1803

***Mycetophila abiecta*** (Laštovka, 1963)

Bechev, 1991a: 28 (1); 1997: 17; 2000: 62; 2002: 97.

**Localities:** SBW: FN59: Dalgi del, 24.07.1983, 1♂ (1); FN77: Gintsi, 1.08.1982, 1♂.

**UTM:** FN59, FN77.

**Vertical distribution:** 600 - 800 m; MOH, MB.

**Seasonal activity:** VII, VIII.

***Mycetophila adumbrata*** Mik, 1884

Bechev, 1991a: 28 (1); 1997: 17; 2000: 62; 2002: 97.

**Localities:** SBM: KH74: Boatin, 20.04.1983, 1♂ (1).

**UTM:** KH74.

**Vertical distribution:** 1000 m; MB.

**Seasonal activity:** IV.

***Mycetophila alea*** Laffoon, 1965

Bechev, 1989b: 162; 1991a: 28 (1); 1997: 17; 1999a: 39; 2000: 62; 2002: 97; 2004: 738 (2); 2006b: 707 (3).

**Localities:** SPW: GN19: Veslets, 20.07.1982, 2♂, 7♀; 2.09.1983, 1♂; 31.05.1985, 2♂. SBW: FN59: Dalgi del, 24.07.1983, 3♂; FN66: Godech (N of), 1.08.1982, 6♂; FN78: Berkovitsa (above of), 8.07.1982, 2♂; 31.05.1985, 1♂; FN88: Byalata voda, 26.06.1982, 2♂; 10.07.1982, 5♂; 30.05.1985, 30♂, 11♀; FN99: Matnitsa, 10.07.1982, 2♂; 27.06.1984, 1♂; GN06: Osenovlag, 6.08.1983, 1♂; GN08: Ledenika, 8.08.1981, 1♂; 3.09.1983, 2♂; Parshevitsa, 17.07.1983, 1♂. SBM: KH63: Srednogorie [=Zlatitsa] (N of), 20.07.1983, 1♂; KH74: Boatin, 7.09.1984, 3♂, 2♀. RRW: GM34: Krastava, 14.08.1995, 5♂ (3); LG03: Chudnite mostove, 30.08.1991, 15♂ (1, 3); LG05: Boykovo, 14.08.1999, 1♂ (3). RRE: LG61: Kardzhali, 14.05.1991, 1♂ (2). BN: NH76: Kamchia, 4.07.1985, 4♂.

**UTM**: FN59, FN66, FN78, FN88, FN99, GM34, GN06, GN08, GN19, KH63, KH74, LG03, LG05, LG61, NH76.

**Vertical distribution**: 10 - 1500 m; XO, MOH, MB, CF.

**Seasonal activity**: V - IX.

***Mycetophila bialorussica*** Dziedzicki, 1884

Bechev, 1991a: 28 (1); 1997: 17; 2000: 62; 2002: 98.

**Localities:** SBW: GN06: Osenovla, 5.08.1983, 1♂; GN08: Ledenika, 24.10.1984, 1♂ (1).

**UTM**: GN06, GN08.

**Vertical distribution**: 800 m; MB.

**Seasonal activity**: VIII, X.

***Mycetophila blanda*** Winnertz, 1863

Bechev, 1989b: 162; 1991a: 28 (1); 1997: 17; 1999a: 39; 2000: 62; 2002: 98; 2004: 738 (2); 2006b: 707 (3).

**Localities:** SBW: FN59: Dalgi del, 24.07.1983, 1♂; FN66: Godech, 1.08.1981, 1♂; FN78: Berkovitsa, 30.05.1985, 1♂; FN88: Byalata voda, 26.06.1982, 1♂; GN08: Vratsa, 14.07.1983, 26♂, 14♀; Parshevitsa, 17.07.1983, 6♂, 2♀; Ledenika, 24.10.1984, 1♂. RPP: GM02: Demyanitsa, 19.08.1997, 3♂. RRW: GM34: Krastava, 21.07.1992, 2♂ (3); 2.08.1992, 1♂ (3); 17.09.1991, 2♂ (3); LG03: Chudnite mostove, 30.08.1991, 10♂ (1, 3). RRE: MF29: Ivaylovgrad, 15.05.1991, 2♂ (2).

**UTM**: FN59, FN66, FN78, FN88, GM02, GM34, GN08, LG03, MF29.

**Vertical distribution**: 150 - 2000 m; XO, MOH, MB, CF.

**Seasonal activity**: V - X.

***Mycetophila caudata*** Staeger, 1840

Bechev, 2001: 7 (1); 2002: 98; 2006b: 707 (2).

**Localities:** RRW: LG05: Boykovo, 14.08.1999, 1♂ (1, 2). RRE: LG40: Ardino, 3.08.1988, 1♂ (1).

**UTM**: LG05, LG40.

**Vertical distribution**: 650 - 1100 m; XO, MB.

**Seasonal activity**: VIII.

***Mycetophila confluens*** Dziedzicki, 1884

Bechev, 2000: 62; 2002: 98; 2006b: 707 (1).

**Localities:** SPW: GN19: Veslets, 31.05.1985, 1♂. SBW: FN59: Dalgi del, 24.07.1983, 1♂; FN78: Berkovitsa (above of), 23.05.1982, 1♂; FN88: Byalata voda, 26.06.1982, 2♂; GN08: Parshevitsa, 17.07.1983, 1♂; Ledenika, 3.09.1983, 1♂; 23.09.1984, 1♂, 1♀. SBM: KH74: Boatin, 20.04.1983, 1♂. RPP: GM02: Demyanitsa, 19.08.1997, 2♂. RRW: LG05: Boykovo, 14.08.1999, 3♂ (1).

**UTM**: FN59, FN78, FN88, GM02, GN08, GN19, KH74, LG05.

**Vertical distribution**: 550 - 2000 m; XO, MB, CF

**Seasonal activity**: IV - IX.

***Mycetophila czizeki*** Landrock, 1911

Bechev, 1991a: 28 (1); 1997: 17; 2000: 62; 2002: 98; 2004: 738 (2).

**Localities:** SPW: GN19: Veslets, 2.09.1983, 2♂. SBW: FN59: Dalgi del, 24.07.1983, 1♂ (1); FN88: Byalata voda, 7.10.1983, 4♂; FN99: Matnitsa, 10.07.1982, 1♂; 7.11.1983, 1♂; GN07: Ochin dol, 6.08.1983, 1♂. RPP: GM02: Demyanitsa, 19.08.1997, 1♂. RRE: LG61: Kardzhali, 14.05.1991, 1♂ (2).

**UTM**: FN59, FN88, FN99, GM02, GN07, GN19, LG61.

**Vertical distribution**: 300 - 2000 m; XO, MOH, MB, CF.

**Seasonal activity**: V, VII - XI.

***Mycetophila devioides*** Bechev, 1988

Bechev, 1988a: 185 (1); 1997: 17; 2000: 62; 2002: 98.

**Localities:** SBW: FN88: Byalata voda, 26.06.1982, 4♂ (1); 10.07.1982, 1♂ (1).

**UTM**: FN88.

**Vertical distribution**: 775 m; MB.

**Seasonal activity**: VI, VII.

***Mycetophila distigma*** Meigen, 1830

Bechev, 1991a: 28 (1); 1997: 17; 2000: 62; 2002: 98.

**Localities:** SBW: FN88: Byalata voda, 7.10.1983, 1♂ (1); GN08: Vratsa, 10.07.1982, 1♂.

**UTM**: FN88, GN08.

**Vertical distribution**: 350 - 775 m; XO, MB.

**Seasonal activity**: VII, X.

***Mycetophila edwardsi*** Lundström, 1913

Bechev, 1994: 26 (1); 1997: 17; 2000: 62; 2002: 98.

**Localities:** SBW: FN68: Kom (N of), 8.07.1982, 1♀; FN88: Byalata voda, 7.10.1983, 1♂; GN08: Vratsa, 10.08.1982, 2♂; Parshevitsa, 17.07.1983, 1♂; 23.09.1983, 1♂; Zgorigrad (above of), 24.10.1984, 2♂, 2♀. SBM: KH74: Boatin, 7.09.1984, 1♂ (1).

**UTM**: FN68, FN88, GN08, KH74.

**Vertical distribution**: 775 - 1700 m; MB, CF.

**Seasonal activity**: VII - X.

***Mycetophila formosa*** Lundström, 1911

Bechev, 1991a: 28 (1); 1997: 17; 2000: 62; 2002: 98.

**Localities:** SBM: KH74: Boatın, 20.04.1983, 1♂ (1).

**UTM:** KH74.

**Vertical distribution:** 1000 m; MB.

**Seasonal activity:** IV.

***Mycetophila fraterna*** Winnertz, 1863

Bechev, 1991a: 28 (1); 1997: 17; 2000: 62; 2002: 98.

**Localities:** SBW: FN78: Berkovitsa, 30.05.1985, 1♂; FN88: Byalata voda, 26.06.1982, 1♂; 7.10.1983, 3♂; 10.06.1984, 4♂.

SBM: KH74: Boatın, 6.06.1982, 11♂, 2♀; 20.04.1983, 14♂; 7.09.1984, 1♂ (1).

RPS: GL28: Hambar dere, 3.06.1988, 1♂.

**UTM:** FN78, FN88, GL28, KH74.

**Vertical distribution:** 775 - 1250 m; MOH, MB.

**Seasonal activity:** IV - VI, IX, X.

***Mycetophila fungorum*** (De Geer, 1776)

*M. punctata* Meigen: Nedelkov, 1912: 179 (1). *M. fungorum* (De Geer): Bechev, 1985a: 39 (2); 1989b: 162; 1997: 17; 1999a: 39; 2000: 62; 2002: 98; 2004: 738 (3); 2006b: 707 (4).

**Localities:** SPW: GN19: Veslets, 20.05.1982, 4♀; 20.07.1982, 12♂, 18♀;

31.05.1985, 1♂; KH58: Kunino, 9.04.1984, 1♂. SBW: FN66: Godech, 1.08.1982,

2♂, 2♀; FN68: Kom (N of), 8.07.1982, 3♀; FN77: Gintsi, 1.08.1982, 1♀; FN78:

Petrohan, 1.08.1982, 4♂, 3♀; Barziya, 1.08.1982, 1♂; 26.06.1984, 1♀; Berkovitsa,

31.05.1985, 1♂; FN88: Byalata voda, 30.05.1985, 4♂, 4♀; FN98: Gorna Byala

rechka, 6.04.1982, 1♀; 1.08.1982, 4♂, 1♀; FN99: Matnitsa, 7.11.1983, 1♂, 1♀;

27.06.1984, 1♀; GN06: Osenovlag, 6.08.1983, 1♂; GN08: Parshevitsa, 8.08.1981,

1♀ (1); 20.05.1982, 3♂, 3♀; 17.07.1982, 1♂; 17.07.1983, 2♂; Ledenika,

22.05.1982, 4♂, 7♀; 1.04.1983, 1♀; Vratsa, 5.08.1981, 1♂; 10.07.1982, 1♂, 1♀;

20.10.1983, 9♂, 11♀. SBM: KH63: Zlatishki prohod, 19.07.1983, 1♂; Srednogorie

[=Zlatitsa] (N of), 20.07.1983, 1♂; KH74: Boatın, 6.06.1982, 1♂, 1♀; 7.09.1984,

1♂. PVS: FN92: Sofia (1, 2). RRW: GM34: Krastava, 13.08.1991, 3♂ (4). RRE:

LG61: Kardzhali, 14.05.1991, 2♂ (3); LG62: Chernoochene, 14.05.1991, 1♂ (3);

MF29: Ivaylovgrad, 15.05.1991, 3♂ (3); MG00: Popsko, 15.05.1991, 1♂ (3).

**UTM:** FN66, FN68, FN77, FN78, FN88, FN92, FN98, FN99, GM34; GN06, GN08, GN19, KH58, KH63, KH74, LG61, LG62, MF29, MG00.

**Vertical distribution:** 150 - 1700 m; XO, MOH, MB, CF.

**Seasonal activity:** IV - XI.

***Mycetophila gibbula*** Edwards, 1925

Bechev, 1991a: 28 (1); 1997: 17; 2000: 62; 2002: 98.

**Localities:** SBM: KH74: Boatın, 20.04.1983, 1♂ (1).

**UTM:** KH74.

**Vertical distribution:** 1000 m; MB.

**Seasonal activity:** IV.

***Mycetophila hyrcania*** Laštovka & Matile, 1969

Bechev, 1991a: 28 (1); 1997: 17; 2000: 62; 2002: 98.

**Localities:** SBW: FN59: Dalgi del, 24.07.1983, 1♂ (1).

BN: NH76: Kamchia, 4.07.1985, 2♂.

**UTM**: FN59, NH76.

**Vertical distribution:** 10 - 700 m; XO, MB.

**Seasonal activity:** VII.

***Mycetophila lamellata*** Lundström, 1911

Bechev, 1991a: 29 (1); 1997: 17; 2000: 62; 2002: 98.

**Localities:** SBW: FN88: Byalata voda, 26.06.1982, 1♂ (1).

**UTM**: FN88.

**Vertical distribution:** 775 m; MB.

**Seasonal activity:** VI.

***Mycetophila lastovkai*** Caspers, 1984

Bechev, 1991a: 29 (1); 1997: 17; 2000: 62; 2002: 99.

**Localities:** SBW: FN78: Berkovitsa (above of), 23.05.1982, 1♂. SBM: KH74: Boatin, 20.04.1983, 1♂ (1).

**UTM**: FN78, KH74.

**Vertical distribution:** 800 - 1000 m; MB.

**Seasonal activity:** IV, V.

***Mycetophila luctuosa*** Meigen, 1830

Bechev, 1989b: 162; 1991a: 29 (1); 1997: 17; 1999a: 39; 2000: 62; 2002: 99; 2004: 738 (2); 2006b: 707 (3).

**Localities:** SBW: FN98: Gorna Byala rechka, 6.04.1982, 1♂; FN99: Matnitsa, 26.03.1984, 1♂; GN07: Ochindol, 6.08.1983, 1♂; GN35: Pravets, 20.07.1983, 14♂, 20♀. RRW: KG94: Varhovah, 15.09.1991 5♂ (1, 3); LG25: Asenovgrad, 20.03.1991, 1♂ (3). RRE: MF29: Ivaylovgrad, 15.05.1991, 1♂ (2).

**UTM**: FN98, FN99, GN07, GN35, LG25, KG94, MF29.

**Vertical distribution:** 150 - 1600; XO, MOH, MB, CF.

**Seasonal activity:** III, IV, V, VII - IX.

***Mycetophila lunata*** Meigen, 1804

Bechev, 1994: 26 (1); 1997: 17; 2002: 99.

**Localities:** BN: NH76: Kamchia, 4.07.1985, 1♂ (1).

**UTM**: NH76.

**Vertical distribution:** 10 m; XO.

**Seasonal activity:** VII.

***Mycetophila marginata*** Winnertz, 1863

Bechev, 1985a: 39 (1); 1997: 17; 2000: 62; 2002: 99; 2004: 738 (2); 2006b: 707 (3).

**Localities:** SBW: FN66: Godech (N of), 1.08.1982, 1♂; FN68: Kom (N of), 8.07.1982, 2♂; 31.05.1985, 1♂; 10.06.1985, 6♂; FN77: Gintsi, 1.08.1982, 6♂; FN78: Berkovitsa (above of), 23.05.1982, 1♂; Petrohan, 25.06.1984, 3♂; FN99: Matnitsa, 7.04.1983, 1♂; GN06: Osenovlag, 5.09.1984, 1♂; GN08: Ledenika,

8.08.1981, 6♂ (1); 30.08.1981, 1♂, 6♀ (1); Vratsa, 6.04.1982, 1♂; 5.04.1984, 11♂, 6♀; Parshevitsa, 17.07.1983, 4♂; Zgorigrad, 24.10.1984, 3♂. **SBM**: KH73: Momina polyana, 27.04.1983; KH74: Boatin, 6.06.1982, 1♂; 20.04.1983, 8♂; 7.09.1984, 5♂. **RPP**: GM02: Demyanitsa, 19.08.1997, 1♂. **RPS**: GL28: Hambar dere, 3.06.1988, 1♂. **RRW**: LG04: Zdravets, 13.05.1981, 2♂, 1♀ (3); Sitovo, 1.06.1981, 3♀ (3); Lilkovo, 1.06.1985, 1♂ (3); Byala cherkva, 27.10.1994, 1♂ (3). **RRE**: LG61: Kardzhali, 14.05.1991, 1♂ (2). **UTM**: FN66, FN68, FN77, FN78, FN99, GL28, GM02, GN06, GN08, KH73, KH74, LG04, LG61.

**Vertical distribution**: 300 - 2000 m; XO, MOH, MB, CF.

**Seasonal activity**: IV - X.

***Mycetophila mitis*** (Johannsen, 1912)

Bechev, 1996: 21 (1); 1997: 18; 2000: 62; 2002: 99.

**Localities**: **DW**: GP25: Kozloduy, 16.10.1982, 3♂ (1).

**UTM**: GP25.

**Vertical distribution**: 60 m; XO.

**Seasonal activity**: X.

***Mycetophila morosa*** Winnertz, 1863

Bechev, 1994: 26 (1); 1997: 18; 2000: 62; 2002: 99.

**Localities**: **SBW**: FN88: Byalata voda, 7.10.1983, 1♂ (1); GN08: Parshevitsa, 23.09.1984, 1♂ (1).

**UTM**: FN88, GN08.

**Vertical distribution**: 775 - 1250 m; MB.

**Seasonal activity**: IX, X.

***Mycetophila occultans*** Lundström, 1913

Bechev, 1994: 26 (1); 1997: 18; 2000: 62; 2002: 99.

**Localities**: **SBW**: FN88: Byalata voda, 26.06.1982, 1♂ (1).

**UTM**: FN88.

**Vertical distribution**: 775 m; MB.

**Seasonal activity**: VI.

***Mycetophila ocellus*** Walker, 1848

Bechev, 1991a: 29 (1); 1997: 18; 2000: 62; 2002: 99; 2004: 738 (2); 2006b: 707 (3).

**Localities**: **SBW**: FN68: Kom (N of), 25.08.1981, 5♂; 8.07.1982, 30♂; FN77: Gintsi, 1.08.1982, 1♂; FN78: Petrohan, 1.08.1982, 6♂; FN88: Byalata voda, 26.06.1982, 1♂; 10.07.1982, 1♂; 7.10.1983, 1♂; FN98: Gorna Byala rechka, 1.08.1982, 2♂; FN99: Matnitsa, 7.11.1983, 1♂; GN08: Ledenika, 8.08.1981, 1♂; 22.05.1982, 1♂; 27.07.1982, 1♂; 24.10.1984, 1♂; Parshevitsa, 20.05.1982, 1♂; 17.07.1983, 2♂; Vratsa, 13.07.1982, 1♂; 26.10.1984, 3♂. **SBM**: KH63: Srednogorie [=Zlatitsa] (N of), 20.07.1983, 1♂; KH73: Momina polyana, 27.04.1983, 1♂; KH74: Boatin, 6.06.1982, 2♂; 20.04.1983, 2♂; 7.09.1984, 8♂.

**RPP**: GM02: Demyanitsa, 19.08.1997, 1♂. **RRW**: GM34: Krastava, 27.08.1991, 1♂ (3); LG04: Sitovo, 1.06.1981, 1♂ (1, 3). **RRE**: MG00: Popsko, 15.05.1991, 1♂ (2).

**UTM**: FN68, FN77, FN78, FN88, FN98, FN99, GM02, GM34, GN08, KH63, KH73, KH74, LG04, MG00.

**Vertical distribution:** 350 - 2000 m; XO, MOH, MB, CF.

**Seasonal activity:** IV - XI.

***Mycetophila ornata*** Stephens, 1829

*Fungivora ornata*: Burghele-Balacesco, 1966: 304 (1). *Mycetophila ornata* Stephens: Bechev, 1985a: 39 (2); 1997: 18; 2000: 62; 2002: 99; 2004: 738 (3); 2006b: 707 (4).

**Localities:** SBW: FN78: Berkovitsa, 30.05.1985, 1♂; Berkovitsa (above of), 25.08.1981, 1♂; GN08: Vratsa, 19.08.1963, 1♂ (1, 2); 26.10.1984, 1♂; Ledenika, 8.08.1981, 1♂; 22.05.1982, 1♂. SBM: KH74: Boatin, 7.09.1984, 2♂. RPS: GL28: Hambar dere, 3.06.1988, 1♂. RRW: LG04: Sitovo, 1.06.1981, 2♂ (4).

RRE: MG00: Popsko, 15.05.1991, 1♂ (3).

**UTM**: FN68, FN78, GL28, GN08, KH74, LG04, MG00.

**Vertical distribution:** 350 - 1400 m; XO, MOH, MB, CF.

**Seasonal activity:** V, VI, VIII - X.

***Mycetophila pumila*** Winnertz, 1863

Bechev, 1994: 26 (1); 1997: 18; 2000: 62; 2002: 99.

**Localities:** SPW: GN19: Veslets, 31.05.1985, 2♂. SBW: FN59: Dalgi del, 24.07.1983, 3♂ (1); FN78: Berkovitsa, 31.05.1985, 1♂ (1); FN88: Byalata voda, 7.10.1983, 6♂; FN99: Matnitsa, 4.09.1984, 1♂. SBM: KH74: Boatin, 20.04.1983, 1♂ (1).

**UTM**: FN59, FN78, FN88, FN99, GN19, KH74.

**Vertical distribution:** 350 - 1000 m; XO, MOH, MB.

**Seasonal activity:** IV, V, VII, IX, X.

***Mycetophila scotica*** Edwards, 1941

Bechev, 1991a: 29 (1); 1997: 18; 2000: 63; 2002: 99.

**Localities:** SBW: FN59: Dalgi del, 24.07.1983, 2♂ (1); FN78: Berkovitsa (above of), 8.07.1982, 1♂.

**UTM**: FN59, FN78.

**Vertical distribution:** 700 m; MB.

**Seasonal activity:** VII.

***Mycetophila sigillata*** Dziedzicki, 1884

Bechev, 1991a: 29 (1); 1997: 18; 2000: 63; 2002: 99; 2006b: 707 (2).

**Localities:** SBM: KH74: Boatin, 20.04.1983, 1♂ (1). RRW: GM34: Krastava, 27.08.1991, 3♂ (2).

**UTM**: GM34, KH74.

**Vertical distribution:** 1000 - 1500 m; MB.

**Seasonal activity:** IV, VIII.

***Mycetophila signata*** Meigen, 1830

Nedelkov, 1912: 179 (1); Bechev, 1985a: 39 (2); 1997: 18; 2000: 63; 2002: 99; 2006b: 707 (3).

**Localities:** SPW: GN19: Veslets, 20.07.1982, 1♂. SBW: FN88: Byalata voda, 10.07.1982, 1♂; Varshets (S of), 9.06.1984, 1♂. SBM: KH74: Boatin, 20.04.1983, 1♂, 2♀. PVS: FN92: Sofia (1, 2). RRW: LG05: Boykovo, 14.08.1999, 1♂ (3).

**UTM**: FN88, FN92, GN19, KH74, LG05.



**Vertical distribution:** 550 - 1100 m; XO, MB.

**Seasonal activity:** IV, VI - VIII, X.

***Mycetophila signatoides*** Dziedzicki, 1884

Bechev, 1991a: 29 (1); 1997: 18; 2000: 63; 2002: 99.

**Localities:** SBW: FN88: Byalata voda, 26.06.1982, 1♂ (1). GN07: Ochin dol, 6.08.1983, 3♂; GN35: Pravets, 20.07.1983, 1♂.

**UTM:** FN88, GN07, GN35.

**Vertical distribution:** 550 - 775 m; MOH, MB.

**Seasonal activity:** IV - VIII.

***Mycetophila spectabilis*** Winnertz, 1863

Bechev, 1991a: 29 (1); 1997: 18; 2000: 63; 2002: 100; 2004: 738 (2); 2006b: 707 (3).

**Localities:** SPW: GN19: Veslets, 8.04.1983, 2♂. SBW: FN59: Dalgi del, 24.07.1983, 2♂; FN77: Gintsi, 1.08.1982, 1♂; FN78: Berkovitsa, 7.04.1983, 1♂; Berkovitsa (above of), 7.04.1983, 1♂; Barziya, 26.06.1984, 2♂; FN88: Byalata voda, 26.06.1982, 1♂; 10.07.1982, 2♂; 10.06.1984, 2♂; FN99: Matnitsa, 7.04.1983, 1♂; GN06: Osenovlag, 6.08.1983, 4♂; GN08: Parshevitsa, 20.05.1982, 1♂; 17.07.1983, 1♂; Vratsa, 26.04.1984, 1♂; 3.05.1984, 1♂; Zgorigrad, 24.10.1984, 2♂. SBM: KH74: Boatin, 6.06.1982, 2♂ (1); 20.04.1983, 2♂. RPS: GL18: Goleshovo, 5.06.1988, 1♂. RRW: GM34: Krastava, 13.08.1991, 1♂ (3). RRE: LG61: Kardzhali, 14.05.1991, 1♂ (2).

**UTM:** FN59, FN77, FN78, FN88, FN99, GL18, GM34, GN06, GN08, GN19, KH74, LG61.

**Vertical distribution:** 300 - 1500 m; XO, MOH, MB, CF.

**Seasonal activity:** IV - VIII, X.

***Mycetophila stolidus*** Walker, 1856

Bechev, 1991a: 29 (1); 1997: 18; 2000: 63; 2002: 100.

**Localities:** SBW: GN08: Ledenika, 1.04.1983, 3♂ (1).

**UTM:** GN08.

**Vertical distribution:** 800 m; MB.

**Seasonal activity:** IV.

***Mycetophila stylata*** (Dziedzicki, 1884)

Bechev, 1991a: 29; 1997: 18; 2000: 63; 2002: 100.

**Localities:** SBW: FN78: Barziya, 1.08.1982, 1♂ (1). RPP: GM02: Demyanitsa, 19.08.1997, 2♂.

**UTM:** FN78, GM02.

**Vertical distribution:** 650 - 2000 m; MB, CF.

**Seasonal activity:** VIII.

***Mycetophila tridentata*** Lundström, 1911

Bechev, 1991a: 29 (1); 1997: 18; 2000: 63; 2002: 100.

**Localities:** SBM: KH74: Boatin, 7.09.1984, 2♂ (1).

**UTM:** KH74.

**Vertical distribution:** 1000 m; MB.

**Seasonal activity:** IX.

***Mycetophila trinotata*** Staeger, 1840

Bechev, 1994: 26 (1); 1997: 18; 2000: 63; 2002: 100.

**Localities:** SBW: FN88: Byalata voda, 26.06.1982, 2♂; GN08: Vratsa, 13.07.1982, 2♂ (1); Parshevitsa, 17.07.1983, 1♂; Zgorigrad, 24.10.1984, 2♂.

**UTM:** FN88, GN08.

**Vertical distribution:** 350 - 1250 m; XO, MB.

**Seasonal activity:** VI, VII, X.

***Mycetophila unguiculata*** Lundström, 1913

Bechev, 1994: 26 (1); 1997: 18; 2000: 63; 2002: 100.

**Localities:** SBW: FN66: Godech, 1.08.1982, 1♂ (1); FN88: Byalata voda, 10.07.1982, 1♂.

**UTM:** FN66, FN88.

**Vertical distribution:** 600 - 775 m; MOH, MB.

**Seasonal activity:** VII, VIII.

***Mycetophila vittipes*** Zetterstedt, 1852

Bechev, 1991a: 29 (1); 1997: 18; 2000: 63; 2002: 100.

**Localities:** SBM: KH74: Boatin, 20.04.1983, 3♂ (1).

**UTM:** KH74.

**Vertical distribution:** 1000 m; MB.

**Seasonal activity:** IV.

***Mycetophila v-nigrum*** Lundström, 1913

Bechev, 1994: 26; 1997: 18; 2000: 63; 2002: 100.

**Localities:** SBW: FN88: Byalata voda, 7.10.1983, 3♂. SBM: KH74: Boatin, 20.04.1984, 5♂ (1).

**UTM:** FN88, KH74.

**Vertical distribution:** 775 - 1000 m; MB.

**Seasonal activity:** IV, X.

Genus ***Phronia*** Winnertz, 1863

***Phronia basalis*** Winnertz, 1863

Bechev, 1999b: 39 (1); 2002: 100.

**Localities:** PBS: NG65: Kostin, 29.05.1998, 2♂ (1); NG66: Silkosia, 29.05.1998, 2♂ (1).

**UTM:** NG65, NG66.

**Vertical distribution:** 100 - 200; Fageta orientalis.

**Seasonal activity:** V.

***Phronia biarcuata*** (Becker, 1908)

*P. nitidiventris* (van der Wulp): Bechev, 1999b (1): 40; 2000: 63. *P. biarcuata* (Becker): Bechev, 2002: 100.

**Localities:** SBW: GN08: Vratsa, 13.07.1982, 1♂ (1); 5.04.1984, 5♂ (1); 26.04.1984, 1♂ (1). SBM: KH74: Boatın, 6.06.1982, 1♂ (1); 2.04.1983, 1♂ (1).  
**UTM:** GN08, KH74.  
**Vertical distribution:** 350 - 1200 m; XO, MB.  
**Seasonal activity:** IV, VI, VII.

***Phronia cinerascens*** Winnertz, 1863

Bechev, 1986a: 73 (1); 1997: 18; 1999b: 39 (2); 2000: 63; 2002: 100.  
**Localities:** SBW: FN78: Berkovitsa (above of), 25.08.1981, 1♂ (1); GN06: Osenovlag, 6.08.1983, 1♂ (2); GN08: Vratsa, 5.04.1984, 1♂ (2). PBS: NG66: Silkosia, 29.05.1998, 1♂ (2).  
**UTM:** FN78, GN06, GN08, NG66.  
**Vertical distribution:** 200 - 1200 m; XO, MB.  
**Seasonal activity:** IV, V, VIII.

***Phronia conformis*** (Walker, 1856)

Bechev, 1999b: 40 (1); 2000: 63; 2002: 100.  
**Localities:** SBW: FN99: Matnitsa, 4.09.1984, 1♂ (1); GN06: Osenovlag, 6.08.1983, 3♂ (1); GN07: Ochin dol, 6.08.1983, 2♂ (1). PBS: NG65: Kosti, 29.05.1998, 1♂ (1); NG66: Silkosia, 29.05.1998, 1♂ (1).  
**UTM:** FN99, GN06, GN07, NG65, NG66.  
**Vertical distribution:** 100 - 700 m; XO, MOH, MB.  
**Seasonal activity:** V, VIII, IX.

***Phronia egregia*** Dziedzicki, 1889

Bechev, 1999b: 40 (1); 2000: 63; 2002: 100.  
**Localities:** SBW: FN78: Berkovitsa (above of), 20.08.1982, 3♂ (1); Berkovitsa, 7.04.1983, 2♂ (1); GN06: Osenovlag, 6.08.1983, 3♂ (1); GN07: Ochin dol, 6.08.1983, 2♂ (1). SBM: KH74: Boatın, 6.06.1982, 3♂ (1).  
**UTM:** FN78, GN06, GN07, KH74.  
**Vertical distribution:** 400 - 900 m; MOH, MB.  
**Seasonal activity:** IV, VI, VIII.

***Phronia forcipata*** Winnertz, 1863

Bechev, 1999b: 40 (1); 2000: 63; 2002: 101.  
**Localities:** SBW: FN78: Berkovitsa (above of), 8.07.1982, 3♂ (1); FN88: Byalata voda, 26.06.1982, 7♂ (1); 10.07.1982, 3♂ (1). SBM: KH74: Boatın, 20.04.1983, 3♂ (1).  
**UTM:** FN78, FN88, KH74.  
**Vertical distribution:** 700 - 900 m; MB.  
**Seasonal activity:** IV, VI, VII.

***Phronia mutabilis*** Dziedzicki, 1889

Bechev, 1999b: 40 (1); 2000: 63; 2002: 101.  
**Localities:** SBW: FN77: Gintsi, 1.08.1982, 3♂ (1); FN88: Byalata voda, 10.07.1982, 2♂ (1).  
**UTM:** FN77, FN88.

**Vertical distribution:** 800 m; MB.

**Seasonal activity:** VII - VIII.

***Phronia nitidiventris*** (van der Wulp, 1858)

*P. vitiosa* Winnertz: Bechev, 1999b: 41 (1); 2000: 63. *P. nitidiventris* (van der Wulp): Bechev, 2002: 101.

**Localities:** SBW: GN06: Osenovlag, 6.08.1983, 2♂ (1); GN07: Ochin dol, 6.08.1983, 7♂ (1).

**UTM:** GN06, GN07.

**Vertical distribution:** 550 - 900m; MOH, MB.

**Seasonal activity:** VIII.

***Phronia notata*** Dziedzicki, 1889

Bechev, 1999b: 40 (1); 2000: 63; 2002: 101.

**Localities:** SBW: FN88: Byalata voda, 26.06.1982, 1♂ (1); GN06: Osenovlag, 6.08.1983, 2♂ (1). PBS: NG66: Silkosia, 29.05.1998, 1♂ (1).

**UTM:** FN88, GN06, NG66.

**Vertical distribution:** 200 - 900 m; MB.

**Seasonal activity:** V, VI, VIII.

***Phronia obtusa*** Winnertz, 1863

Bechev, 1999b: 40 (1); 2000: 63; 2002: 101.

**Localities:** SBW: FN88: Byalata voda, 26.06.1982, 3♂ (1); GN08: Vratsa, 26.10.1984, 1♂ (1); Ledenika, 3♂ (1).

**UTM:** FN88, GN08.

**Vertical distribution:** 350 - 800; XO, MB.

**Seasonal activity:** VI, X.

***Phronia signata*** Winnertz, 1863

*P. austriaca* Winnertz: Bechev, 1999b: 39 (1); 2000: 63. *P. signata* Winnertz: Bechev, 2002: 101.

**Localities:** SBW: FN59: Dalgi del, 24.07.1983, 3♂ (1); FN77: Gintsi, 1.08.1982, 2♂ (1); FN88: Byalata voda, 26.06.1982, 3♂ (1); GN06: Osenovlag, 6.08.1983, 3♂ (1); GN07: Ochin dol, 6.08.1983, 2♂ (1).

**UTM:** FN59, FN77, FN88, GN06, GN07.

**Vertical distribution:** 550 - 800 m; MOH, MB.

**Seasonal activity:** VI - VIII.

***Phronia strenua*** Winnertz, 1863

*P. flavicollis* Winnertz: Bechev, 1999b: 40 (1); 2000: 63. *P. strenua* Winnertz: Bechev, 2002: 101.

**Localities:** SBW: GN07: Ochin dol, 6.08.1983, 1♂ (1).

**UTM:** GN07.

**Vertical distribution:** 550; MOH.

**Seasonal activity:** VIII.

***Phronia tenuis*** Winnertz, 1863

Bechev, 1999b: 40 (1); 2000: 63; 2002: 101.

**Localities:** SPW: GN19: Suhiya Skat, 10.10.1986, 1♂ (1). SBW: FN88: Byalata voda, 26.06.1982, 3♂ (1); 10.07.1982, 1♂ (1). SBM: KH74: Boatin, 7.09.1984, 3♂ (1).

**UTM:** FN88, GN19, KH74.

**Vertical distribution:** 300 - 1000m; XO, MB.

**Seasonal activity:** VI, VII, IX, X.

Genus *Platurocypta* Enderlein, 1910

*Platurocypta punctum* (Stannius, 1831)

Bechev, 1994: 26 (1); 1997: 18; 2000: 63; 2002: 101; 2006b: 707 (2).

**Localities:** DW: GP25: Kozloduy, 16.10.1982, 1♂ (1). SBW: FN66: Godech, 1.08.1982, 1♂ (1). SBM: KH74: Boatin, 7.09.1984, 1♂. RRW: GM34: Krastava, 16.09.1991, 2♂, 1♀ (2).

**UTM:** FN66, GM34, GP25, KH74.

**Vertical distribution:** 60 - 1500 m; XO, MOH, MB, CF.

**Seasonal activity:** VIII - X.

Genus *Sceptonia* Winnertz, 1863

*Sceptonia cryptocauda* Chandler, 1991

Bechev, 1994: 26 (1); 1995: 10 (2); 1997: 18; 2000: 63; 2002: 101.

**Localities:** SPW: GN19: Veslets, 20.07.1982, 2♂; Suhiya Skat, 10.10.1988, 1♂. SBW: GN08: Ledenika, 1.04.1983, 1♂ (1, 2); 3.09.1983, 1♂ (2); Zgorigrad, 4.07.1983, 1♂ (1).

**UTM:** GN08, GN19.

**Vertical distribution:** 280 - 800 m; XO, MB.

**Seasonal activity:** IV, VII, IX, X.

*Sceptonia flavipuncta* Edwards, 1925

Bechev, 1994: 26 (1); 1995: 10 (2); 1997: 18; 2000: 63; 2002: 101.

**Localities:** SPW: GN19: Veslets, 20.07.1982, 3♂ (1, 2); 8.04.1983, 1♂ (1, 2); GN37: Karash, 9.07.1988, 3♂; GN38: Strupets, 5.07.1983, 3♂ (1). SBW: GN06: Osenovlag, 6.08.1983, 1♂ (1). SBM: KH63: Zlatishki prohod, 18.07.1983, 1♂. PKZ: FM29: Gorno Uyno, 20.05.1989, 1♂. PBS: NG66: Silkosia, 26.09.1989, 4♂. BS: NG75: Sinemorets, 9.06.1990, 1♂.

**UTM:** FM29, GN06, GN19, GN37, GN38, KH63, NG66, NG75.

**Vertical distribution:** 20 - 1000 m; XO, MOH, MB.

**Seasonal activity:** IV - IX.

*Sceptonia humerella* Edwards, 1941

Bechev, 1994: 26 (1); 1995: 11 (2); 1997: 18; 2000: 63; 2002: 101.

**Localities:** SPW: GN37: Karash, 9.07.1988, 2♂ (1, 2). SBW: GN08: Ledenika, 8.06.1984, 1♂ (1, 2).

**UTM:** GN08, GN37.

**Vertical distribution:** 600 - 900 m; MB.

**Seasonal activity:** VI, VII.

***Sceptonia membranacea*** Edwards, 1925

Bechev, 1994: 27 (1); 1995: 12 (2); 1997: 18; 2000: 63; 2002: 101; 2006b: 708 (3).

**Localities:** SPW: GN19: Veslets, 6.08.1981, 2♂; 20.07.1982, 34♂ (2); Suhiya Skat, 10.10.1986, 7♂; GN37: Karash, 9.07.1988, 9♂. SBW: FN59: Dalgi del, 24.07.1983, 3♂; FN77: Gintsi, 1.08.1982, 3♂; FN78: Berkovitsa (above of), 8.07.1982, 1♂; Berkovitsa, 3.05.1985, 1♂; GN06: Osenovla, 6.08.1983, 8♂; GN07: Ochin dol, 6.08.1983, 2♂; GN08: Vratsa, 13.07.1982, 2♂ (1); 3.10.1986, 1♂ (1); Zgorigrad, 24.10.1984, 5♂. PBS: NG66: Silkosia, 26.08.1989, 1♂. RPR: FM95: Parangalitsa, 28.08.1989, 1♂; FM96: Rilski manastir, 27.08.1989, 1♂. RRW : LG03: Chudnite mostove, 7.10.1990, 1♂ (1, 3); LG04: Lilkovo, 27.08.1990, 1♂ (3); LG05: Hrabrino, 1.06.1981, 3♂ (1, 3); 5.07.1990, 17♂ (2, 3). BN: NH76: Kamchia, 10.06.1990, 1♂.

**UTM:** FM95, FM96, FN59, FN77, FN78, GN06, GN07, GN08, GN19, GN37, LG03, LG04, LG05, NG66, NH76.

**Vertical distribution:** 10 - 1500 m; XO, MOH, MB, CF.

**Seasonal activity:** V - VIII, X.

***Sceptonia nigra*** (Meigen, 1804)

Bechev, 1994: 27 (1); 1995: 12 (2); 1997: 19; 2000: 63; 2002: 102.

**Localities:** SBW: GN06: Osenovlag, 6.08.1983, 1♂; GN08: Parshevitsa, 17.07.1983, 1♂ (1); Ledenika, 3.09.1983, 1♂ (1, 2); Vratsa, 9.08.1990, 1♂.

**UTM:** GN06, GN08.

**Vertical distribution:** 350 - 1250 m; XO, MB.

**Seasonal activity:** VII - IX.

***Sceptonia pilosa*** Bukowski, 1934

Bechev, 1994: 27 (1); 1995: 12 (2); 1997: 19; 2000: 63; 2002: 102.

**Localities:** SBW: FN77: Gintsi, 1.08.1982, 1♂; FN78: Barziya, 26.06.1984, 1♂ (1, 2); FN88: Byalata voda, 20.06.1982, 3♂; 10.07.1982, 5♂ (1, 2); FN99: Matnitsa, 4.09.1984, 1♂. RPR: FM96: Rilski manastir. 27.08.1989, 3♂.

**UTM:** FM96, FN77, FN78, FN88, FN99.

**Vertical distribution:** 350 - 1150 m; XO, MOH, MB.

**Seasonal activity:** VI - IX.

***Sceptonia pughi*** Chandler, 1991

Bechev, 1994: 27 (1); 1995: 13 (2); 1997: 19; 2000: 63; 2002: 102.

**Localities:** SBW: FN59: Dalgi del, 24.07.1983, 1♂ (1, 2).

**UTM:** FN59.

**Vertical distribution:** 700 m; MB.

**Seasonal activity:** VII.

***Sceptonia tenuis*** Edwards, 1925

Bechev, 1994: 27 (1); 1995: 13 (2); 1997: 19; 2000: 63; 2002: 102.

**Localities:** SPW: GN38: Strupets, 5.07.1983, 2♂. SBW: GN08: Parshevitsa, 17.07.1983, 2♂ (1, 2).

**UTM:** GN08, GN38.

**Vertical distribution:** 250 - 1250 m; XO, MB.

**Seasonal activity:** VII.

Genus *Trichonta* Winnertz, 1863

*Trichonta apicalis* Strobl, 1898

Bechev, 1990a: 87 (1); 1997: 19; 2000: 63; 2002: 102.

**Localities:** SPW: GN19: Suhiya Skat, 10.10.1986, 1♂ (1).

**UTM:** GN19.

**Vertical distribution:** 280 m; XO.

**Seasonal activity:** X.

*Trichonta beata* Gagné, 1981

Bechev, 1996: 21 (1); 1997: 19; 2000: 63; 2002: 102.

**Localities:** SBW: GN08: Zgorigrad, 4.07.1983, 1♂ (1).

**UTM:** GN08.

**Vertical distribution:** 600 m; MB.

**F:** VII.

*Trichonta clavigera* Lundström, 1913

Bechev, 1991a: 28 (1); 1997: 19; 2002: 102; 2006b: 708 (2).

**Localities:** RRW: LG04: Zdravets, 13.05.1981, 1♂ (2); LG05: Hrabrino, 1.06.1981, 8♂, 1♀ (1, 2).

**UTM:** LG04, LG05.

**Vertical distribution:** 500 - 1185 m; XO, MB.

**Seasonal activity:** V, VI.

*Trichonta conjugens* Lundström, 1909

Bechev, 1990a: 87 (1); 1997: 19; 2000: 63; 2002: 102.

**Localities:** SBW: FN68: Kom, 20.08.1982, 1♂ (1).

**UTM:** FN68.

**Vertical distribution:** 1700 m; CF.

**Seasonal activity:** VIII.

*Trichonta falcata* Lundström, 1911

Bechev, 1990a: 87 (1); 1997: 19; 2000: 63; 2002: 102.

**Localities:** SBW: FN99: Matnitsa, 27.06.1984, 2♂; 4.09.1984, 1♂; GN06:

Osenovlag, 6.08.1983, 1♂; GN08: Parshevitsa, 24.09.1983, 1♂; Vratsa, 5.04.1984, 4♂ (1). SBM: KH74: Divchovoto, 25.04.1983, 3♂; Boatin, 7.09.1984, 1♂ (1).

**UTM:** FN99, GN06, GN08, KH74.

**Vertical distribution:** 350 - 1250 m; XO, MB.

**Seasonal activity:** IV, VI, VIII, IX.

***Trichonta fragilis*** Gagné, 1981

Bechev, 1990a: 87 (1); 1997: 19; 2000: 63; 2002: 102.

**Localities:** SBW: GN08: Vratsa, 5.04.1984, 1♂ (1); Zgorigrad, 9.05.1984, 1♂.

**UTM:** GN08.

**Vertical distribution:** 350 - 650 m; XO, MB.

**Seasonal activity:** IV, V.

***Trichonta fusca*** Landrock, 1918

Bechev, 1990a: 87; 1997: 19; 2000: 63; 2002: 102.

**Localities:** SBW: FN88: Byalata voda, 26.06.1982, 1♂ (1).

**UTM:** FN88.

**Vertical distribution:** 775 m; MB.

**Seasonal activity:** VI.

***Trichonta girschneri*** Landrock, 1912

Bechev, 1990a: 87 (1); 1997: 19; 2000: 63; 2002: 102.

**Localities:** SPW: FN88: Byalata voda, 10.07.1982, 2♂. SBW: GN19: Veslets, 26.06.1982, 1♂ (1).

**UTM:** FN88, GN19.

**Vertical distribution:** 550 - 775 m; XO, MB.

**Seasonal activity:** VI, VII.

***Trichonta melanura*** (Staeger, 1840)

Bechev, 1990a: 87 (1); 1997: 19; 2000: 63; 2002: 102.

**Localities:** SBW: FN59: Dalgı del, 24.07.1983, 2♂; FN88: Byalata voda, 26.06.1982, 3♂ (1); GN06: Osenovlag, 6.08.1983, 1♂. PBS: NG65: Kosti, 29.05.1987, 1♂.

**UTM:** FN59, FN88, GN06, NG65.

**Vertical distribution:** 100 - 800 m; MB.

**Seasonal activity:** V - VIII.

***Trichonta subfusca*** Lundström, 1909

Bechev, 1990a: 87 (1); 1997: 19; 2000: 64; 2002: 103; 2006b: 708 (2).

**Localities:** SBW: FN88: Byalata voda, 26.06.1982, 1♂ (1). RRW: GM34: Krastava, 27.08.1991, 1♂ (2); 16.09.1991, 2♂ (2); LG04: Sitovo, 1.06.1981, 1♂ (2).

**UTM:** FN88, GM34, LG04.

**Vertical distribution:** 775 - 1500 m; MB, CF.

**Seasonal activity:** VI, VIII, IX.

***Trichonta submaculata*** (Staeger, 1840)

Bechev, 1990a: 88; 1997: 19; 2000: 64; 2002: 103.

**Localities:** SBW: FN78: Berkovitsa, 7.04.1983, 1♂ (1); GN08: Ledenika, 8.06.1984, 1♂.

**UTM:** FN78, GN08.

**Vertical distribution:** 400 - 800 m; MOH, MB.

**Seasonal activity:** IV, VI.



***Trichonta terminalis*** (Walker, 1856)

Bechev, 1990a: 88 (1); 1997: 19; 2000: 64; 2002: 103; 2006b: 708 (2).

**Localities:** SPW: GN19: Veslets, 26.06.1984, 1♂ (1). SBW: FN88: Byalata voda, 26.06.1982, 1♂; GN08: Vratsa, 6.04.1982, 1♂ (1). SBM: KH74: Boatin, 20.04.1983, 1♂. RRW: LG03: Chudnite mostove, 15.04.1981, 1♂ (2).

**UTM**: FN88, GN08, GN19, KH74, LG03.

**Vertical distribution**: 350 - 1450 m; XO, MB, CF.

**Seasonal activity**: IV, VI.

***Trichonta venosa*** (Staeger, 1840)

Bechev, 1990a: 88; 1997: 19; 2000: 64; 2002: 103.

**Localities:** SBM: KH74: Boatin, 20.04.1983, 1♂ (1).

**UTM**: KH74.

**Vertical distribution**: 1000 m; MB.

**Seasonal activity**: IV.

***Trichonta vitta*** (Meigen, 1830)

Bechev, 1990a: 88 (1); 1997: 19; 2000: 64; 2002: 103.

**Localities:** SPW: GN09: Chiren, 27.03.1984, 1♂; GN19: Veslets, 20.07.1982, 1♂. SBW: FN59: Dalgi del, 24.07.1983, 1♂; FN99: Matnitsa, 27.06.1984, 1♂; 4.09.1984, 2♂. SBM: KH63: Zlatishki prohod, 18.07.1983, 1♂ (1); KH74: Boatin, 20.04.1983, 1♂. PBS: NG65: Kosti, 28.05.1987, 1♂; NG66: Silkosia, 29.05.1987, 1♂.

**UTM**: FN59, FN99, GN09, GN19, KH63, KH74, NG65, NG66.

**Vertical distribution**: 100 - 1000 m; XO, MB.

**Seasonal activity**: III - VII, IX.

***Trichonta vulgaris*** Loew, 1869

Bechev, 1990a: 88 (1); 1997: 19; 2000: 64; 2002: 103.

**Localities:** SBW: FN78: Berkovitsa (above of), 7.04.1983, 1♂ (1); FN88: Byalata voda, 10.07.1982, 1♂; GN08: Parshevitsa, 10.08.1982, 1♂. SBM: KH74: Boatin, 20.04.1983, 1♂; 7.09.1984, 1♂ (1).

**UTM**: FN78, FN88, GN08, KH74.

**Vertical distribution**: 775 - 1250 m; MB.

**Seasonal activity**: IV, VII - IX.

Genus ***Zygomyia*** Winnertz, 1863***Zygomyia humeralis*** (Wiedemann, 1817)

Bechev, 1996: 21 (1); 1997: 19; 2000: 64; 2002: 103.

**Localities:** SBW: GN08: Parshevitsa, 8.08.1981, 1♂ (1).

**UTM**: GN08.

**Vertical distribution**: 1250 m; MB.

**Seasonal activity**: VIII.

***Zygomyia pseudohumeralis*** Caspers, 1980

Bechev, 1996: 21 (1); 1997: 19; 2000: 64; 2002: 103; 2006b: 708 (2).

**Localities:** SPW: GN19: Veslets, 6.08.1981, 1♂ (1). RRW: LG05: Hrabrino, 1.06.1981, 3♂ (1, 2).

**UTM:** GN19, LG05.

**Vertical distribution:** 500 m; XO.

**Seasonal activity:** VI, VIII.

***Zygomyia semifusca*** (Meigen, 1818)

Bechev, 1996: 21 (1); 1997: 19; 2000: 64; 2002: 103; 2006b: 708 (2).

**Localities:** SPW: GN19: Veslets, 20.07.1982, ♀ (1). SBW: GN06: Osenovlag, 6.08.1983, 1♂ (1). RRW: GM34: Krastava, 14.09.1991, 2♂ (1, 2).

**UTM:** GM34, GN06, GN19.

**Vertical distribution:** 550 - 1500 m; XO, MB, CF.

**Seasonal activity:** VII - IX.

***Zygomyia valida*** Winnertz, 1863

Bechev, 1994: 27 (1); 1997: 19; 2002: 103; 2006b: 708 (2).

**Localities:** RRW: LG04: Lilkovo, 1.06.1981, 1♂ (1, 2).

**UTM:** LG04.

**Vertical distribution:** 1350 m; MB.

**Seasonal activity:** VI.

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**APPENDIX**

Information for the localities. Abbreviations: **c** = cave, **dm** = dam, **h** = hut, **hl** = hill, **l** = lake, **m** = monastery, **N** of = North of, **nr.** = near **pk** = peak, **pl** = place, **ps** = pass, **res** = reserve, **S** of = South of, **t** = town, **v** = village; see also Table 1 and 2.

| Locality            | Type locality | Geographic region | UTM  | Altitude Min | Altitude Max in m a.s.l. | Vegetation belts | Dominant trees   |
|---------------------|---------------|-------------------|------|--------------|--------------------------|------------------|--|
| Akademik            | h             | RRW               | LG05 |              | 600                      | MOH              |  |
| Aladzha manastir    | pl            | BN                | NH89 |              | 150                      | XO               | <i>Carpinus betulus</i>                                    |
| Ardino              | t             | RRE               | LG40 |              | 650                      | XO               |  |
| Asenovgrad (over)   | t             | RRW               | LG25 |              | 350                      | XO               |  |
| Bachkovski manastir | m             | RRW               | LG24 |              | 500                      | XO               | <i>Carpinus betulus</i> , <i>Corilus</i>                   |
| Balchik             | t             | BN                | NJ90 |              | 50                       | XO               | <i>Carpinus betulus</i> , <i>Corilus</i> , <i>Fraxinus</i> |
| Balkanski rozi      | h             | SBM               | LH22 |              | 1000                     | MB               | <i>Fagus sylvatica</i>                                     |
| Banderitsa          | h             | RPP               | GM03 | 1700         | 1820                     | CF               | <i>Pinus sylvestris</i> , <i>Pinus heldreichi</i>          |
| Barziya             | v             | SBW               | FN78 |              | 650                      | MB               | <i>Fagus sylvatica</i>                                     |
| Belasitsa           | h             | ROB               | FL87 |              | 720                      | MB               | <i>Fagus</i> , <i>Castanea</i>                             |
| Berkovitsa          | t             | SBW               | FN78 |              | 400                      | MOH              |  |
| Berkovitsa (over)   | t             | SBW               | FN78 | 700          | 900                      | MB               | <i>Fagus sylvatica</i>                                     |
| Bliznatsi           | v             | DEP               | MJ91 |              | 250                      | XO               |  |
| Boatin              | res           | SBM               | KH74 | 900          | 1600                     | MB               | <i>Fagus sylvatica</i>                                     |
| Borovets            | pl            | RPR               | GM18 |              | 1300                     | CF               | <i>Picea abies</i>   |
| Borov kamak         | pl            | SBW               | GN08 |              | 700                      | MB               | <i>Fagus sylvatica</i>                                     |
| Boykovo             | v             | RRW               | LG05 |              | 1100                     | MB               | <i>Fagus sylvatica</i>                                     |
| Bryanovshitsa       | h             | RRW               | LG05 |              | 1000                     | CF               | <i>Pinus sylvestris</i>                                    |
| Byala cherkva       | pl            | RRW               | LG04 |              | 1620                     | CF               | <i>Pinus sylvestris</i>                                    |
| Byalata voda        | h             | SBW               | FN88 |              | 775                      | MB               | <i>Fagus sylvatica</i>                                     |
| Cherni Vit          | v             | SBM               | KH75 | 500          | 600                      | MOH              |  |
| Chernoochene        | v             | RRE               | LG62 |              | 300                      | XO               | <i>Quercus cerris</i>                                      |
| Cherven             | v             | DEP               | MJ23 |              | 150                      | XO               |  |
| Chiren              | v             | SPW               | GN09 |              | 380                      | XO               |  |
| Chudnite mostove    | h             | RRW               | LG03 |              | 1450                     | CF               | <i>Picea abies</i>   |
| Ch. mostove 1       | pl            | RRW               | LG03 |              | 1350                     | MB               | <i>Fagus sylvatica</i>                                     |
| Churen              | v             | RRW               | KG94 |              | 1450                     | CF               | <i>Picea abies</i>   |

## ON THE FAMILY MYCETOPHILIDAE

|                    |     |     |      |      |      |       |  |
|--------------------|-----|-----|------|------|------|-------|--|
| Dabnika            | pl  | SPW | GN09 |      | 300  | XO    |  |
| Dabovets           | v   | RRE | MG11 |      | 200  | XO    |  |
| Dalgi del          | v   | SBW | FN59 | 600  | 700  | MB    | <i>Fagus sylvatica</i>                     |
| Dedevo             | v   | RRW | LG05 |      | 1100 | MB    | <i>Fagus sylvatica</i>                     |
| Demyanitsa         | h   | RPP | GM02 |      | 2000 | CF    | <i>Pinus heldreichi</i>                    |
| Divchovoto         | v   | SBM | KH74 | 700  | 800  | MB    |  |
| Druzhevo           | v   | SBW | FN98 |      | 900  | MB    |  |
| Dulovo             | t   | DEL | NJ15 |      | 200  | XO    |  |
| Durankulak         | v   | BN  | PJ23 |      | 20   | XO    | <i>Rubinia pseudoacacia</i>                |
| Emine              | cp  | BN  | NH72 |      | 150  | XO    | <i>Quercus, Acer, Carpinus betulus</i>     |
| Emona              | v   | BN  | NH72 |      | 100  | XO    |  |
| Etropole           | t   | SBM | KH54 | 600  | 800  | MB    |  |
| Galabovo           | v   | RRW | LG15 |      | 700  | MOH   | <i>Carpinus betulus</i>                    |
| Gintsi             | v   | SBW | FN77 |      | 800  | MOH   |  |
| Godech (N of)      | t   | SBW | FN66 |      | 600  | MOH   |  |
| Goleshovo          | v   | RPS | GL18 |      | 800  | MB    |  |
| Golyam beglik      | dm  | RRW | KG53 |      | 1600 | CF    | <i>Picea abies</i>                         |
| Gorna Breznitsa    | v   | ROP | FM72 |      | 300  | XO    |  |
| Gorna Byala rechka | v   | SBW | FN98 |      | 800  | MB    |  |
| Gorno Ozirovo      | v   | SBW | FN98 |      | 700  | MB    |  |
| Gorno Uyno         | v   | PKZ | FM29 |      | 450  | MOH   |  |
| Gradets            | v   | SBE | MH63 |      | 400  | MOH   | <i>Quercus, Carpinus</i>                   |
| Hambar dere        | pl  | RPS | GL28 | 1250 | 1500 | MB-CF | <i>Fagus sylvatica, Pinus heldreichi</i>   |
| Hrabrino           | v   | RRW | LG05 |      | 500  | XO    |  |
| Isparih            | t   | DEL | MJ84 |      | 250  | XO    |  |
| Ivaylovgrad        | t   | RRE | MF29 |      | 150  | XO    |  |
| Izvor              | v   | RRW | LG05 |      | 600  | XO    |  |
| Kalofer            | t   | SBM | LH31 |      | 650  | MOH   | <i>Alnus, Corilus, Carpinus betulus</i>    |
| Kamchia            | res | BN  | NH76 |      | 10   | XO    | <i>Fraxinus, Carpinus betulus, Quercus</i> |
| Karash             | v   | SPW | GN37 |      | 200  | XO    |  |
| Kardzhali          | t   | RRE | LG61 |      | 300  | XO    | <i>Quercus</i>                             |
| Karlanovo          | v   | ROP | FM90 |      | 500  | XO    |  |
| Karlukovo          | v   | SPW | KH68 |      | 250  | XO    |  |
| Kirilova polyana   | pl  | RPR | FM97 |      | 1350 | MB-CF | <i>Fagus sylvatica, Picea abies</i>        |

ZooNotes *Supplement 1*

|                    |     |     |      |     |      |        |   |
|--------------------|-----|-----|------|-----|------|--------|---|
| Kiten              | v   | BS  | NG67 |     | 30   | XO     | <i>Quercus</i>  |
| Kom (N of)         | pk  | SBW | FN68 |     | 1700 | CF     | <i>Picea abies</i>                                    |
| Kormisosh          | pl  | RRW | LG32 |     | 900  | MB     | <i>Fagus sylvatica</i>                                |
| Kostenets (over)   | t   | RPR | GM38 |     | 900  | MOH    |   |
| Kosti              | v   | PBS | NG65 |     | 100  | MB?    | <i>Fagus orientalis</i>                               |
| Kotel              | t   | SBE | MH54 |     | 600  | MOH    |   |
| Kozloduy           | t   | DW  | GP25 |     | 60   | XO     |   |
| Krastava           | v   | RRW | GM34 |     | 1500 | CF-MB  | <i>Picea abies, Pinus sylvestris, Fagus sylvatica</i> |
| Kraynovo           | v   | PBD | MG85 |     | 300  | XO     |   |
| Krichim (over)     | t   | RRW | KG85 |     | 600  | XO     | <i>Carpinus orientalis, Tilia, Quercus</i>            |
| Kuklen             | v   | RRW | LG15 | 400 | 650  | MOH    | <i>Quercus, Carpinus</i>                              |
| Kunino             | v   | SPW | KH58 |     | 320  | XO     |   |
| Ledenika           | h   | SBW | GN08 |     | 800  | MB     | <i>Fagus sylvatica</i>                                |
| Levski             | h   | SBM | LH22 |     | 1450 | MB     | <i>Fagus sylvatica</i>                                |
| Lilkovo            | v   | RRW | LG04 |     | 1350 | MB-CF  | <i>Fagus sylvatica, Picea abies</i>                   |
| Madara             | v   | DEP | MH99 |     | 220  | XO     |   |
| Madzharovo         | t   | RRE | MG01 |     | 160  | XO     |   |
| Markovo (over)     | v   | RRW | LG15 |     | 600  | MOH    | <i>Carpinus betulus</i>                               |
| Markovo 1 (over)   | v   | RRW | LG05 |     | 600  | XO     | <i>Qurqus</i>   |
| Martsiganitsa      | h   | RRW | LG24 |     | 1400 | CF     | <i>Pinus sylvestris</i>                               |
| Matnitsa           | pl  | SBW | FN99 |     | 350  | XO     | <i>Quercus</i>  |
| Melnik             | t   | ROP | GL09 |     | 400  | XO     |   |
| Mladezhko          | v   | PBS | NG36 |     | 180  | XO     |   |
| Mogilitsa          | v   | RRW | LF09 |     | 1000 | MB     | <i>Fagus sylvatica</i>                                |
| Momina polyana     | h   | SBM | KH73 |     | 1750 | CF     |   |
| Musala             | h   | RPR | GM17 |     | 2390 | SA     |   |
| Ochin dol          | v   | SBW | GN07 | 550 | 600  | MOH    |   |
| Orlova chuka (nr.) | c   | DEP | MJ12 |     | 150  | XO     |   |
| Osenovlag          | v   | SBW | GN06 | 700 | 900  | MB     | <i>Fagus sylvatica</i>                                |
| Parangalitsa       | res | RPR | FM95 |     | 1500 | CF     | <i>Picea abies</i>                                    |
| Paril              | v   | RPS | GL29 |     | 850  | MOH-MB |   |
| Parlichevo         | v   | SPW | FN89 |     | 250  | XO     |   |
| Parshevitsa        | h   | SBW | GN08 |     | 1250 | MB     | <i>Fagus sylvatica</i>                                |
| Persenk            | pk  | RRW | LG03 |     | 2000 | CF     | <i>Picea abies</i>                                    |
| Petrich            | t   | ROP | FL88 |     | 300  | XO     | <i>Platanus orientalis</i>                            |



## ON THE FAMILY MYCETOPHILIDAE

|                    |     |     |      |      |      |     |                                    |
|--------------------|-----|-----|------|------|------|-----|------------------------------------|
| Petrohan           | ps  | SBW | FN78 | 1200 | 1440 | MB  | <i>Fagus sylvatica</i>             |
| Pirin              | h   | RPP | GM11 |      | 1600 | MB  | <i>Fagus sylvatica</i>             |
| Plevun             | v   | RRE | MF19 |      | 400  | XO  |                                    |
| Plovdiv            | t   | PT  | LG16 |      | 170  | XO  | <i>Fraxinus</i>                    |
| Popski preslop     | pl  | RPP | GM11 |      |      |     |                                    |
| Pobitite kamani    | pl  | BN  | NH58 |      | 150  | XO  | <i>Quercus</i>                     |
| Popsko             | v   | RRE | MG00 |      | 500  | XO  | <i>Quercus</i>                     |
| Pravets (N of)     | t   | SBW | GN35 |      | 600  | MOH |                                    |
| Predela            | ps  | RPP | FM94 |      | 1100 | MB  | <i>Fagus sylvatica</i>             |
| Prilep             | v   | SBE | MH94 |      | 500  | MOH | <i>Quercus, Carpinus</i>           |
| Ray                | h   | SBM | LH33 |      | 1700 | MB  | <i>Fagus sylvatica</i>             |
| Rebarkovo          | v   | SBW | GN27 |      | 250  | XO  |                                    |
| Reselets           | v   | SPW | KH59 |      | 180  | XO  |                                    |
| Rezovo             | v   | BS  | NG84 |      | 40   | XO  |                                    |
| Rila               | v   | RPR | FM76 |      |      |     |                                    |
| Rilski manastir    | m   | RPR | FM96 |      | 1150 | MB  | <i>Fagus sylvatica</i>             |
| Ropotamo           | res | BS  | NG68 |      | 10   | XO  |                                    |
| Rozhen (over)      | v   | ROP | GM00 |      | 650  | MOH | <i>Quercus, Carpinus</i>           |
| Rozhenski manastir | m   | ROP | GM00 |      | 550  | XO  | <i>Carpinus betulus</i>            |
| Ruen               | h   | RRW | LG15 |      | 1215 | MB  |                                    |
| Ruen 1             | v   | RRW | LG15 |      | 650  | XO  | <i>Querus</i>                      |
| Samokov            | t   | RPR | GM09 |      | 900  | MOH |                                    |
| Shatar             | pk  | RPR | GM17 |      | 2200 | SA  | <i>Pinus mugo</i>                  |
| Shiroka polyana    | d   | RRW | KG62 |      | 1700 | CF  | <i>Picea abies</i>                 |
| Shkorpilovtsi      | v   | BN  | NH76 |      | 10   | XO  | <i>Fraxinus, Quercus, Carpinus</i> |
| Silkosia           | res | PBS | NG66 |      | 200  | MB? | <i>Fagus orientalis</i>            |
| Sindeltsi          | v   | RRE | LF89 |      | 300  | XO  | <i>Quercus</i>                     |
| Sinemorets         | v   | BS  | NG75 |      | 20   | XO  | <i>Quercus, Fraxinus</i>           |
| Sitnyakovo         | pl  | RPR | GM18 |      | 1800 | CF  | <i>Picea abies</i>                 |
| Sitovo             | v   | RRW | LG04 |      | 1300 | MB  | <i>Fagus sylvatica</i>             |
| Skalni mostove     | h   | RRW | LG03 |      | 1700 | CF  | <i>Picea abies</i>                 |
| Shkorpilovtsi      | v   | BN  | NH75 |      | 10   | XO  |                                    |
| Smolyan            | t   | RRW | LG00 |      | 1000 | MB  |                                    |
| Smolyanski ezera   | l   | RRW | LG01 |      | 1500 | CF  | <i>Picea abies</i>                 |
| Sofia              | t   | PVS | FN92 | 600  | 700  | XO  |                                    |
| Sopot              | t   | SBM | LH11 |      | 550  | XO  |                                    |

ZooNotes *Supplement 1*

|                  |     |     |      |      |         |  |                        |
|------------------|-----|-----|------|------|---------|--|------------------------|
| Spanchevtsi      | v   | SPW | FN88 | 500  | XO      |  |                        |
| Staro selishte   | v   | DEL | MJ81 | 250  | XO      |  |                        |
| Strupets         | v   | SPW | GN38 | 250  | XO      |  |                        |
| Stryama          | v   | PT  | LG28 | 200  | XO      |  |                        |
| Suhiya Skat      | dm  | SPW | GN19 | 280  | XO      |  |                        |
| Suhoto ezero     | l   | RPR | GM07 |      | CF      |  |                        |
| Tervel           | t   | DEL | NG34 | 250  | XO      | <i>Fraxinus</i>                          |                        |
| Trigrad          | v   | RRW | KG80 | 1300 | CF      | <i>Picea abies</i>                       |                        |
| Tsarevo          | t   | BS  | NG66 | 5    | 40      | XO                                       |                        |
| Uzunbodzhak      | res | PBS | NG64 | 250  | XO      | <i>Quercus polycarpa</i>                 |                        |
| Varhovrah        | h   | RRW | KG94 | 1600 | CF      | <i>Picea abies</i>                       |                        |
| Varna            | t   | BN  | NH78 | 20   | XO      |  |                        |
| Varovnik         | v   | PBS | NG27 | 200  | XO      | <i>Quercus</i>                           |                        |
| Varshets (S of)  | t   | SBW | FN88 | 600  | 700     | MB                                       | <i>Fagus sylvatica</i> |
| Velika           | v   | BS  | NG68 | 75   | XO      | <i>Carpinus, Quercus, Fraxinus</i>       |                        |
| Veslets          | hl  | SPW | GN19 | 550  | XO      |  |                        |
| Vievo            | v   | RRW | LG11 | 1300 | CF      | <i>Pinus sylvestris</i>                  |                        |
| Vihren           | h   | RPP | GM02 | 2050 | SA      | <i>Pinus mugo</i>                        |                        |
| Vitanovo         | res | PBS | NG44 | 200  | XO      | <i>Quercus</i>                           |                        |
| Voden            | v   | DEL | MJ73 | 250  | XO      | <i>Quercus cerris</i>                    |                        |
| Voden            | res | PBD | MG85 | 270  | XO      |  |                        |
| Vratsa           | t   | SBW | GN08 | 350  | XO      |  |                        |
| Yagodina         | v   | RRW | KG71 | 930  | MB      | <i>Fagus sylvatica, Corilus</i>          |                        |
| Yakoruda         | t   | RRW | GM25 | 950  | MB      |  |                        |
| Yarlovo          | v   | PVV | FN80 | 1200 | MB      | <i>Fagus sylvatica</i>                   |                        |
| Yavorov          | h   | RPP | FM93 | 1740 | CF      | <i>Pinus heldreichi</i>                  |                        |
| Zabardo          | v   | RRW | LG02 | 1400 | CF      | <i>Pinus sylvestris, Corilus</i>         |                        |
| Zagrzhden        | v   | RRW | LG32 | 1000 | CF (MB) | <i>Pinus sylvestris, Fagus sylvatica</i> |                        |
| Zdravets         | h   | RRW | LG04 | 1185 | MB      | <i>Fagus sylvatica</i>                   |                        |
| Zgorigrad (over) | v   | SBW | GN08 | 600  | 650     | MB                                       | <i>Fagus sylvatica</i> |
| Zlatishki prohod | ps  | SBM | KH63 | 850  | 110     | MB                                       | <i>Fagus sylvatica</i> |
| Zlatitsa (N of)  | t   | SBM | KH63 | 800  | MOH     |  |                        |
| Zlatna Panega    | v   | SPM | KH67 | 280  | XO      |  |                        |
| Zlatograd        | t   | RRE | LF48 | 450  | XO      |  |                        |

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**ВЪРХУ СЕМЕЙСТВО МУСЕТОPHILIDAE  
(INSECTA: DIPTERA) В БЪЛГАРИЯ**

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***(резюме)***

Настоящата работа обобщава всички фаунистични данни за 250 вида от 51 рода гъбни комари от семейство Muscophilidae в България, публикувани до 2009 г. включително. Данните са допълнени с много нови находища. За всеки вид са дадени: синонимика, находища по географски райони на България и UTM-код, вертикално разпространение и растителни пояси в които са установени, сезонна активност.