

Norwegian fungus gnats of the family Mycetophilidae (Diptera, Nematocera)

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Our knowledge about the Norwegian fauna of fungus gnats has improved considerably during the last 15 years. With the present addition of 61 new species, 473 species belonging to the family Mycetophilidae have been recorded from Norway. A complete check list for Norway is presented together with detailed information for the new species. To enable comparison with previous lists from Europe, references to literature for most species recorded or published after 1940 are added.

Key words: Diptera, Nematocera, Mycetophilidae, Norway, check-list.

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INTRODUCTION

Fungus gnats of the family Mycetophilidae are small to medium sized, slender to moderately robust gnats, with simple antennae and humped thorax. Adults are easily recognized on their distinctly elongated coxae. Fungus gnats are most abundant in humid areas, especially moist woodland. Larvae of most species lives on fungi, sporophores or on hyphae penetrating decaying wood and other plant material.

Together with Bolitophilidae, Diadocidiidae, Ditomyiidae, Keroplatidae, Lygistorrhinidae, Rangomaramidae and Sciaridae, Mycetophilidae make up the superfamily Sciaroidea. The family Mycetophilidae is commonly divided in subfamilies and tribes, but their phylogeny is still insufficiently known and the ranking of taxa varies between authors (see e.g. Søli et al. 2000).

The first studies dealing with Norwegian fungus gnats, are those by Siebke (1853, 1863, 1866, 1872, 1877). In his most extensive list (Siebke 1877), he included 53 species today referable to

Mycetophilidae. Until recently, little attention has been paid to the Norwegian fauna of fungus gnats, and new records were only occasionally published. For a review up to 1940, see Soot-Ryen (1943). The first European check list of Mycetophilidae was published in 1988 (Soós & Papp 1988), and included 47 species recorded from Norway. Between 1940 and 1988 the only contributions to the Norwegian fauna, were those of Hackman (1970, 1971), Gagné (1981) and Väisänen (1984). A few more records were added after 1988 (Kjærandsen 1993, Søli 1993), until 1994 when 211 species were published from Jostedal, West Norway (Søli 1994), thus extending the list of Norwegian species considerably. More studies followed within the next 10 years (Zaitzev & Økland 1994, Økland 1995, Økland & Zaitzev 1997, Søli 1997, Hansen & Falck 2000, Kurina 2003, Kjærandsen & Kurina 2004). According to our data, 413 species have been published from Norway up to present. Not all of these records, however, were included in the Fauna Europaea project, listing 374 species of Mycetophilidae from the Norwegian mainland, and 5 from Svalbard and Jan Mayen (Chandler 2004).

MATERIAL AND METHODS

The present study includes records based on both material studied by the authors, and records taken from the literature. Possible misidentifications can thus not be entirely excluded. The studied material is kept in the Natural History museum, University of Oslo (NHMO). This is by far the largest collection of mycetophilids in Norway. In 1996, a substantial material of fungus gnats was transferred to NHMO from the Zoological museum (Bergen museum), University of Bergen, including previously published material from Jostedal (Søli 1994).

To enable comparison with previous fauna lists, references to earlier records were added to the list. As records up to 1940 are well treated by Soot-Ryen (1943), only references published after 1940 were included in the final list. One exception is Siebke (1877), being the first Norwegian list of Mycetophilidae. Information on whether or not a certain species is recorded as Norwegian in the Catalogue of Palaearctic Diptera (Soós & Papp 1988) and the Fauna Europaea project (Chandler 2004) were also included.

THE CHECK LIST

References used in the list: 1 - Siebke (1877), 2 - Hackman (1970), 3 - Hackman (1971), 4 - Gagné (1981), 5 - Väisänen (1984), 6 - Søli (1993), 7 - Kjærandsen (1993), 8 - Søli (1994), 9 - Zaitzev & Økland (1994), 10 - Økland (1995), 11 - Økland & Zaitzev (1997), 12 - Søli (1997), 13 - Hansen & Falck (2000), 14 - Kjærandsen & Kurina (2004), 15 - Kurina (2003), 16 - Økland (1996), FaEu - Registered as from Norway in Fauna Europaea (Chandler 2004), CpD - Registered as from Norway in Catalogue of Palaearctic Diptera (Soós & Papp, 1988), NHMO - Material represented in the collection of NHMO.

Species not previously recorded from Norway are marked with an asterisk (*), and are commented on below. A few species in the check list are included in the Fauna Europaea database (Chandler 2004),

but as far as known to the authors, records for these species have never been published. These species are marked with a diamond sign (◇).

Acnemia Winnertz, 1863

Acnemia falcata Zaitzev, 1982 ^{8, 11, 16, FaEu}

* *Acnemia longipes* Winnertz, 1863 ^{NHMO}

Acnemia nitidicollis (Meigen, 1818) ^{NHMO, 8, 11, 13, 16, FaEu}

Acomoptera Vockeroth, 1980

Acomoptera difficilis (Dziedzicki, 1885) ^{NHMO, 11, 13, 16, FaEu}

Allocotocera Mik, 1886

Allocotocera pulchella (Curtis, 1837) ^{NHMO, 8, 11, 16, FaEu}

Allodia Winnertz, 1863

Allodia (Allodia) anglofennica Edwards, 1921 ^{NHMO, 8, 11, 16, FaEu}

* *Allodia (Allodia) embla* Hackman, 1971 ^{NHMO}

Allodia (Allodia) lugens (Wiedemann, 1817) ^{NHMO, 8, 11, 16, FaEu}

Allodia (Allodia) lundstroemi Edwards, 1921 ^{NHMO, 8, 11, 16, FaEu}

Allodia (Allodia) ornatocollis (Meigen, 1818) ^{NHMO, 1}

nigricollis Zetterstedt, 1852 (*Mycetophila*)

Allodia (Allodia) pyxidiiformis Zaitzev, 1982 ^{NHMO, 8, 11, FaEu}

Allodia (Allodia) septentrionalis Hackman, 1971 ^{NHMO, 3, 8, 11, 16, CpD, FaEu}

Allodia (Allodia) simplex Zaitzev, 1982 ^{11, FaEu}

Allodia (Allodia) truncata Edwards, 1921 ^{NHMO, 8, 11, FaEu}

Allodia (Allodia) tuomikoskii Hackman, 1971 ^{3, 11, 16, CpD, FaEu}

◇ *Allodia (Allodia) zaitzevi* Kurina, 1998 ^{FaEu}

Allodia (Brachycampta) alternans (Zetterstedt, 1838) ^{NHMO, 1}

Allodia (Brachycampta) barbata (Lundström, 1909) ^{NHMO, 8, FaEu}

Allodia (Brachycampta) czernyi (Landrock, 1912) ^{11, FaEu}

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

Allodiopsis Tuomikoski, 1966

Allodiopsis (Allodiopsis) domestica (Meigen, 1830) ^{NHMO, 8, FaEu}

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

Anacileia Meunier, 1904

Anacileia dispar (Winnertz, 1863) ^{NHMO, 11, 16, FaEu}

Anatella Winnertz, 1863

Anatella ankei Plassmann, 1987 ^{NHMO, 7, FaEu}

Anatella aquila Zaitzev, 1989 ^{NHMO, 8, FaEu}

Anatella ciliata Winnertz, 1863 ^{NHMO, 8, 11, 16, FaEu}

Anatella flavomaculata Edwards, 1925 ^{NHMO, 8, 11, FaEu}

Anatella fungia Plassmann, 1984 ^{NHMO, 8, FaEu}

Anatella gibba Winnertz, 1863 ^{11, FaEu}

Anatella laffooni Plassmann, 1977 ^{NHMO, 8}

Anatella lenis Dziedzicki, 1923 ^{NHMO, 8, 11, 16, FaEu}

Anatella longisetosa Dziedzicki, 1923 ^{NHMO, 8, FaEu}

Anatella minuta (Stæger, 1840) ^{NHMO, 8, FaEu}

Anatella setigera Edwards, 1921 ^{NHMO, 8, FaEu}

Anatella simpatica Dziedzicki, 1923 ^{NHMO, 8, FaEu}

Anatella turi Dziedzicki, 1923 NHMO, 8, FaEu

Anatella unguigera Edwards, 1921 NHMO, 8, FaEu

Apolephthisia Grzegorzek, 1885

Apolephthisia subincana (Curtis, 1837) NHMO, 8, 11, 13, 16, FaEu

Azana Walker, 1856

Azana (Azana) anomala (Stæger, 1840) NHMO, 11, 16, FaEu

Boletina Stæger, 1840

Boletina basalis (Meigen, 1818) NHMO, 1, 8, 11, 13, 16, CpD, FaEu

nigra Zetterstedt, 1838 (Leia)

Boletina borealis Zetterstedt, 1852 NHMO, 1, 8, 11, 16, FaEu

Boletina brevicornis Zetterstedt, 1852 NHMO, 1, 8, 11, 16, CpD, FaEu

Boletina cincticornis (Walker, 1848) NHMO, 1, 8, 11, 16, CpD, FaEu

consobrina Zetterstedt, 1852 (*Boletina*)

Boletina conformis Siebke, 1864 NHMO, 1, CpD, FaEu

Boletina cornuta Zaitzev, 1994 11, 16, FaEu

* *Boletina digitata* Lundström, 1914 NHMO

Boletina dispecta Dziedzicki, 1885 11, FaEu

* *Boletina dissipata* Plassmann, 1986 NHMO

Boletina dubia (Meigen, 1804) NHMO, 1, 8, FaEu

analis Meigen, 1818 (*Boletina*)

Boletina edwardsi Chandler, 1992 NHMO, 8

Boletina erythrogya Holmgren, 1883 NHMO, 11, 16, FaEu

◇ *Boletina falcata* Polevoi & Hedmark, 2004 FaEu

Boletina gripha Dziedzicki, 1885 NHMO, 8, 11, 13, 16, FaEu

Boletina griphoides Edwards, 1925 NHMO, 11, 13, 16, FaEu

Boletina groenlandica Stæger, 1845 NHMO, 8, 11, 16, FaEu

Boletina jamalensis Zaitzev, 1994 11, 16, FaEu

* *Boletina kowarzi* Stackelberg, 1943 NHMO

* *Boletina kurilensis* Zaitzev, 1994 NHMO

* *Boletina landrocki* Edwards, 1924 NHMO

Boletina lundbecki Lundström, 1912 11, 16, FaEu

Boletina lundstroemi Landrock, 1912 NHMO, 8, 11, 13, 16, FaEu

Boletina maculata Holmgren, 1870 NHMO, 8, 11, 16, CpD, FaEu

* *Boletina minuta* Polevoi, 1995 NHMO

Boletina moravica Landrock, 1912 NHMO, 8, 13, FaEu

Boletina nasuta (Haliday, 1839) NHMO, 8, FaEu

Boletina nigricans Dziedzicki, 1885 NHMO, 8, 11, 16, FaEu

Boletina nigricoxa Stæger, 1840 1, CpD, FaEu

Boletina nigrofusca Dziedzicki, 1885 NHMO, 8, 11, 16, FaEu

Boletina nitida Grzegorzek, 1885 NHMO, 13

Boletina pectinunguis Edwards, 1932 NHMO, 8, 11, 16, FaEu

Boletina plana (Walker, 1856) NHMO, 8, 11, 16, FaEu

Boletina polaris Lundström, 1915 NHMO, 11, FaEu

* *Boletina populina* Polevoi, 1995 NHMO

* *Boletina rejecta* Edwards, 1941 NHMO

Boletina sciarina Stæger, 1840 NHMO, 1, 8, 11, 16, CpD, FaEu

obsurella Zetterstedt, 1838 (*Mycetophila*)

Boletina silvatica Dziedzicki, 1885 NHMO, 11, 16, FaEu

* *Boletina takagii* Sasakawa & Kimura, 1974 NHMO

* *Boletina triangularis* Polevoi, 1995 NHMO

* *Boletina tirolensis* Plassmann, 1980 NHMO

* *Boletina trispinosa* Edwards, 1913 NHMO

Boletina trivittata (Meigen, 1818) NHMO, 1, 8, 11, 13, 16, FaEu

* *Boletina verticillata* Stackelberg, 1943 NHMO

Boletina villosa Landrock, 1912 NHMO, 11, 16, FaEu

Brachypeza Winnertz, 1863

Brachypeza (Brachypeza) bisignata Winnertz, 1863 NHMO, 11, 16, FaEu

* *Brachypeza (Brachypeza) radiata* Jenkinson, 1908 NHMO

Brevicornu Marshall, 1896

Brevicornu affine Zaitzev, 1988 NHMO, FaEu

Brevicornu arcticum (Lundström, 1913) 11, 16, FaEu

Brevicornu bipartitum Lastovka & Matile, 1974 NHMO, 8, 11, 16, FaEu

Brevicornu boreale (Lundström, 1914) NHMO, 8, 11, 16, FaEu

Brevicornu disjunctum Zaitzev, 1988 11, FaEu

Brevicornu fennicum (Landrock, 1927) 11, FaEu

Brevicornu foliatum (Edwards, 1925) NHMO, 8, 11, 16, FaEu

Brevicornu fuscipenne (Stæger, 1840) 11, 16, FaEu

Brevicornu griseicollis (Stæger, 1840) NHMO, 8, 11, 16, FaEu

Brevicornu griseolum (Zetterstedt, 1852) NHMO, 8, 11, 16, FaEu

Brevicornu kingi (Edwards, 1925) NHMO, 8, 11, 16, FaEu

Brevicornu occidentale Zaitzev, 1988 11, 16, FaEu

Brevicornu ruficornis (Meigen, 1838) NHMO, 8, 11, 16, FaEu

* *Brevicornu serenum* (Winnertz, 1863)

Brevicornu sericoma (Meigen, 1830) NHMO, 8, 11, 16, FaEu

Coelophthinia Edwards, 1941

Coelophthinia thoracica (Winnertz, 1863) 11, 16, FaEu

Coelosia Winnertz, 1863

Coelosia flava (Stæger, 1840) NHMO, 1, 11, 12, 16, FaEu

Coelosia fusca Bezzi, 1892 NHMO, 11, 12, 13, 16, FaEu

silvatica Landrock, 1918 (*Coelosia*)

Coelosia limpida Plassmann, 1980 NHMO, 12, FaEu

Coelosia tenella (Zetterstedt, 1852) NHMO, 8, 11, 12, 13, 16, FaEu

Coelosia truncata Lundström, 1909 NHMO, 11, 12, 13, 16, FaEu

Cordyla Meigen, 1803

Cordyla bomloensis Kjærandsen & Kurina, 2004 14

Cordyla brevicornis (Stæger, 1840) NHMO, 8, 11, 13, 16, FaEu

Cordyla crassicornis Meigen, 1818 NHMO, 1, 11, 16, FaEu

cinereus Zetterstedt, 1852 (*Pachypalpus*)

Cordyla fasciata Meigen, 1830 NHMO, FaEu

Cordyla fissa Edwards, 1925 NHMO, 8, 11, FaEu

Cordyla flaviceps (Stæger, 1840) NHMO, 11, 16, FaEu

Cordyla fusca Meigen, 1804 NHMO, 8, 11, 13, 16, FaEu

Cordyla murina Winnertz, 1863 NHMO, 11, 13, 16, FaEu

Cordyla nitens Winnertz, 1863 NHMO, 11, 16, FaEu

◇ *Cordyla nitidula* Edwards, 1925 FaEu

Cordyla parvipalpis Edwards, 1925 NHMO, 11, 16, FaEu

Cordyla pusilla Edwards, 1925 NHMO, 8, 11, 13, 16, FaEu

sixi Barendrecht, 1938 (*Cordyla*)

Cordyla semiflava (Stæger, 1840) NHMO, 8, 11, 16, FaEu

Docosia Winnertz, 1863

Docosia fumosa Edwards, 1925 11, FaEu

* *Docosia fuscipes* (von Roser, 1840)

Docosia gilvipes (Haliday, 1856) NHMO, 8, 11, 13, FaEu

* *Docosia pallipes* Edwards, 1941 NHMO

Drepanocercus Vockeroth, 1980

Drepanocercus spinistylus Söli, 1993 6, 8, 11, 16, FaEu

Dynatosoma Winnertz, 1863

- Dynatosoma cochleare* Strobl, 1895 ^{11, FaEu}
Dynatosoma fuscicorne (Meigen, 1818) ^{NHMO, 8, 11, 13, 16, FaEu}
Dynatosoma nigromaculatum Lundström, 1913 ^{11, 16, FaEu}
Dynatosoma norwegiense Zaitzev & Økland, 1994 ^{9, 16, FaEu}
Dynatosoma reciprocum (Walker, 1848) ^{NHMO, 8, 11, 16, FaEu}
Dynatosoma rufescens (Zetterstedt, 1838) ^{1, 11, 16, CpD, FaEu}
lutescens Zetterstedt, 1852 (*Mycetophila*)
Dynatosoma thoracicum (Zetterstedt, 1838) ^{NHMO, 8, 11, 16, FaEu}

Dziedzickia Johannsen, 1909

- Dziedzickia marginata* (Dziedzicki, 1885) ^{NHMO, 8, 11, 16, FaEu}

Ectrepesthoneura Enderlein, 1911

- Ectrepesthoneura bucera* Plassmann, 1980 ^{11, 16, FaEu}
Ectrepesthoneura colyeri Chandler, 1980 ^{NHMO, 11, 13, 16, FaEu}
Ectrepesthoneura hirta (Winnertz, 1846) ^{NHMO, 8, 11, 13, 16, FaEu}
Ectrepesthoneura nigra Zaitzev, 1984 ^{11, 16, FaEu}
Ectrepesthoneura pubescens (Zetterstedt, 1860) ^{NHMO, 11, 16, FaEu}
Ectrepesthoneura referata Plassmann, 1976 ^{NHMO, 11, 16, FaEu}
Ectrepesthoneura tori Zaitzev & Økland, 1994 ^{9, 16, FaEu}

Epicypa Winnertz, 1863

- Epicypa aterrima* (Zetterstedt, 1852) ^{NHMO, 8, 11, 13}
Epicypa limnophila Chandler, 1981 ^{NHMO, 13}

Exechia Winnertz, 1863

- Exechia cincta* Winnertz, 1863 ^{8, FaEu}
Exechia confinis Winnertz, 1863 ^{NHMO, 7, 8, 11, FaEu}
Exechia contaminata Winnertz, 1863 ^{7, 8, 11, FaEu}
Exechia cornuta Lundström, 1914 ^{7, 8, FaEu}
Exechia dizona Edwards, 1924 ^{7, 11, 16, FaEu}
Exechia dorsalis (Stæger, 1840) ^{NHMO, 1, 11, 13, FaEu}
Exechia exigua Lundström, 1909 ^{NHMO, 7, 8, 11, 16, CpD, FaEu}
Exechia festiva Winnertz, 1863 ^{7, 8, FaEu}
Exechia frigida (Boheman, 1865) ^{NHMO, 7, 8, 11, 16, CpD, FaEu}
Exechia fusca (Meigen, 1804) ^{NHMO, 1, 7, 8, 11, 16, FaEu}
guttiventris Meigen, 1830 (*Mycetophila*)
Exechia lucidula (Zetterstedt, 1838) ^{11, FaEu}
Exechia lundstroemi Landrock, 1923 ^{11, 16, FaEu}
Exechia macula Chandler, 2001 ^{8, FaEu}
Exechia nigra Edwards, 1925 ^{NHMO, 8, 11, 16, FaEu}
◇ *Exechia nigrofusca* Lundström, 1909 ^{FaEu}
Exechia nigroscutellata Landrock, 1912 ^{11, FaEu}
Exechia parva Lundström, 1909 ^{11, FaEu}
Exechia parvula (Zetterstedt, 1852) ^{8, 11, FaEu}
Exechia pseudocincta Strobl, 1910 ^{8, 11, FaEu}
Exechia repanda Johannsen, 1912 ^{NHMO, 11, FaEu}
Exechia separata Lundström, 1912 ^{NHMO, 11, 16, FaEu}
Exechia seriata (Meigen, 1830) ¹
ochracea Zetterstedt, 1852 (*Mycetophila*)
Exechia spinuligera Lundström, 1912 ^{8, FaEu}
Exechia subfrigida Lastovka & Matile, 1974 ^{8, FaEu}
Exechia unimaculata (Zetterstedt, 1860) ^{NHMO, 1, 8, 11, CpD, FaEu}

Exechiopsis Tuomikoski, 1966

- Exechiopsis (Exechiopsis) aemula* Plassmann, 1984 ¹⁵

- Exechiopsis (Exechiopsis) clypeata* (Lundström, 1911) ^{7, 8, 11, 16, FaEu}
Exechiopsis (Exechiopsis) distendens (Lackschewitz, 1937) ^{7, 8, FaEu}
Exechiopsis (Exechiopsis) dryaspagensis Chandler, 1977 ^{7, 8, FaEu}
Exechiopsis (Exechiopsis) fimbriata (Lundström, 1909) ^{7, 8, FaEu}
Exechiopsis (Exechiopsis) forcipata (Lackschewitz, 1937) ^{11, FaEu}
Exechiopsis (Exechiopsis) furcata (Lundström, 1911) ^{8, FaEu}
Exechiopsis (Exechiopsis) grassata (Plassmann, 1978) ^{NHMO, 8, FaEu}
Exechiopsis (Exechiopsis) hammi (Edwards, 1925) ^{NHMO, 7, FaEu}
Exechiopsis (Exechiopsis) indecisa (Walker, 1856) ^{NHMO, 7, 8, 11, 16, FaEu}
Exechiopsis (Exechiopsis) intersecta (Meigen, 1818) ^{NHMO, 7, 8, 11, FaEu}
Exechiopsis (Exechiopsis) januarii (Lundström, 1913) ^{7, FaEu}
Exechiopsis (Exechiopsis) lackschewitziana (Stackelberg, 1948) ^{NHMO, 7, 11, FaEu}
Exechiopsis (Exechiopsis) landrocki (Lundström, 1912) ⁷
Exechiopsis (Exechiopsis) ligulata (Lundström, 1913) ^{NHMO, 7, 8, FaEu}
Exechiopsis (Exechiopsis) magnicauda (Lundström, 1911) ^{NHMO, 8, FaEu}
Exechiopsis (Exechiopsis) pseudoindecisa Lastovka & Matile, 1974 ^{NHMO, 7, 8, 11, FaEu}
Exechiopsis (Exechiopsis) pseudopulchella (Lundström, 1912) ^{7, 8, 11, FaEu}
Exechiopsis (Exechiopsis) pulchella (Winnertz, 1863) ^{NHMO, 8, 11, 16, FaEu}
Exechiopsis (Exechiopsis) sagittata Lastovka & Matile, 1974 ^{NHMO, 11, FaEu}
Exechiopsis (Exechiopsis) subulata (Winnertz, 1863) ^{NHMO, 7, 8, 11, 16, FaEu}
Exechiopsis (Xenexechia) crucigera (Lundström, 1909) ^{8, FaEu}
Exechiopsis (Xenexechia) leptura (Meigen, 1830) ^{1, 11, FaEu}
Exechiopsis (Xenexechia) membranacea (Lundström, 1912) ⁸
Exechiopsis (Xenexechia) pollicata (Edwards, 1925) ^{NHMO, 7, 8, FaEu}

Gnoriste Meigen, 1818

- Gnoriste apicalis* Meigen, 1818 ^{NHMO, 1}
Gnoriste bilineata Zetterstedt, 1852 ^{NHMO, 1, 8, 11, 13, 16, CpD, FaEu}
trilineata Zetterstedt, 1852 (*Gnoriste*)
Gnoriste harcyniae von Röder, 1887 ^{NHMO, 8, FaEu}
Gnoriste longirostris Siebke, 1863 ^{NHMO, 11, 16, CpD, FaEu}

Greenomyia Brunetti, 1912

- * *Greenomyia baikalica* Zaitzev, 1994 ^{NHMO}

Grzegorzekia Edwards, 1941

- Grzegorzekia collaris* (Meigen, 1818) ^{NHMO, 8, 11, 13, 16, FaEu}

Hadroneura Lundström, 1906

- Hadroneura palmeni* Lundström, 1906 ^{11, FaEu}

Leia Meigen, 1818

- * *Leia bilineata* (Winnertz, 1863) ^{NHMO}
Leia bimaculata (Meigen, 1804) ¹¹
Leia crucigera Zetterstedt, 1838 ^{CpD, FaEu}
Leia cylindrica (Winnertz, 1863) ^{NHMO, 13}
Leia fascipennis Meigen, 1818 ^{NHMO, 1, 13}
Leia longiseta Barendrecht, 1938 ¹³
* *Leia picta* Meigen, 1830 ^{NHMO}
Leia subfasciata (Meigen, 1818) ^{NHMO, 1, 8, 11, 13, 16, CpD, FaEu}
marklini Zetterstedt, 1838 (*Leia*)
Leia winthemii Lehmann, 1822 ^{NHMO, 1, 11, 13, 16, FaEu}

Leptomorphus Curtis, 1831

- Leptomorphus (Leptomorphus) forcipatus* Landrock, 1918 ^{16, FaEu}
quadrimaculatus (Matsumura, 1916) (*Leptomorphus*)
* *Leptomorphus (Leptomorphus) walkeri* Curtis, 1831 ^{NHMO}

Macrobrachius Dziedzicki, 1889* *Macrobrachius kowarzii* Dziedzicki, 1889 ^{NHMO}**Manota Williston, 1896*** *Manota unifurcata* Lundström, 1913 ^{NHMO}**Megalopelma Enderlein, 1911***Megalopelma nigroclavatum* (Strobl, 1910) ^{NHMO, 11, 13, FaEu}**Megophthalmidia Dziedzicki, 1889***Megophthalmidia crassicornis* (Curtis, 1837) ^{NHMO, 13}**Monoclona Mik, 1886***Monoclona furcata* Johannsen, 1910 ^{11, 13, 16, FaEu}*Monoclona rufilatera* (Walker, 1837) ^{NHMO, 8, 11, 13, 16, FaEu}**Mycetophila Meigen, 1803***Mycetophila abbreviata* Landrock, 1914 ^{NHMO, 8, FaEu}*Mycetophila abiecta* (Lastovka, 1963) ^{11, FaEu}*Mycetophila adumbrata* Mik, 1884 ^{11, FaEu}* *Mycetophila alea* Laffoon, 1965*Mycetophila attonsa* (Laffoon, 1957) ^{11, 16}*Mycetophila autumnalis* Lundström, 1909 ¹¹*Mycetophila bialorussica* Dziedzicki, 1884 ^{NHMO, 8, FaEu}◇ *Mycetophila biusta* Meigen, 1818 ^{FaEu}*Mycetophila bohémica* (Lastovka, 1963) ^{11, 16, FaEu}*Mycetophila brevitarsata* (Lastovka, 1963) ^{11, 16, FaEu}*Mycetophila caudata* Stæger, 1840 ^{NHMO, 11, 16, FaEu}*Mycetophila confluens* Dziedzicki, 1884 ^{NHMO, 8, 11, 16, FaEu}* *Mycetophila confusa* Dziedzicki, 1884 ^{NHMO}*Mycetophila curviseta* Lundström, 1911 ^{7, 11, 16, FaEu}*Mycetophila czizeckii* Landrock, 1911 ^{NHMO, 8, FaEu}*Mycetophila dentata* Lundström, 1913 ^{11, 16, FaEu}*Mycetophila dziedzickii* Chandler, 1977 ^{11, 16, FaEu}* *Mycetophila edwardsi* Lundström, 1913*Mycetophila evanida* Lastovka, 1972 ^{NHMO, 7, 8, FaEu}*Mycetophila finlandica* Edwards, 1913 ^{11, 16, FaEu}* *Mycetophila formosa* Lundström, 1911*Mycetophila fungorum* (De Geer, 1776) ^{NHMO, 1, 8, 11, 13, 16, FaEu}*cunctans* Meigen, 1818 (*Mycetophila*)*punctata* Meigen, 1804 (*Mycetophila*)*Mycetophila gibbula* Edwards, 1925 ¹³*Mycetophila hetschkoi* Landrock, 1918 ^{11, 16, FaEu}*Mycetophila ichneumonea* Say, 1823 ^{NHMO, 8, 11, 16, FaEu}*Mycetophila immaculata* (Dziedzicki, 1884) ^{11, 16, FaEu}*Mycetophila laeta* Walker, 1848 ^{11, 16, FaEu}*Mycetophila lapponica* Lundström, 1906 ^{11, 16, FaEu}* *Mycetophila lastovkai* Caspers, 1984*Mycetophila lumbomirskii* Dziedzicki, 1884 ^{11, 16, FaEu}*Mycetophila luctuosa* Meigen, 1830 ^{NHMO, 11, 16, FaEu}*Mycetophila lunata* Meigen, 1804 ^{NHMO, 1}*Mycetophila marginata* Winnertz, 1863 ^{NHMO, 8, 11, 16, FaEu}* *Mycetophila mitis* (Johannsen, 1912) ^{NHMO}*Mycetophila mohilivensis* Dziedzicki, 1882 ^{NHMO, 8, FaEu}*Mycetophila ocellus* Walker, 1848 ^{NHMO, 1, 7, 8, 11, 16, CpD, FaEu}*cinerea* Zetterstedt, 1852 (*Mycetophila*)*Mycetophila ornata* Stephens, 1829 ^{NHMO, 7, 8, FaEu}*Mycetophila pictula* Meigen, 1830 ^{NHMO, CpD, FaEu}*arcuata* Zetterstedt, 1838 (*Mycetophila*)*Mycetophila pumila* Winnertz, 1863 ^{NHMO, 8, FaEu}* *Mycetophila pyrenaica* Matile, 1967*Mycetophila ruficollis* Meigen, 1818*Mycetophila schnablii* (Dziedzicki, 1884) ^{NHMO, 8, 11, 16, FaEu}* *Mycetophila signata* Meigen, 1830 ^{NHMO}*Mycetophila signatoides* Dziedzicki, 1884 ^{NHMO, 7, 8, 11, 16, FaEu}*assimilis* Matile, 1967 (*Mycetophila*)*Mycetophila sordida* van der Wulp, 1874 ^{NHMO, 7, 11, FaEu}* *Mycetophila spectabilis* Winnertz, 1863 ^{NHMO}*Mycetophila strigata* Stæger, 1840 ¹³*Mycetophila strigatoides* (Landrock, 1927) ^{NHMO, 8, 11, 13, 16, FaEu}*Mycetophila stylata* (Dziedzicki, 1884) ^{11, 16, FaEu}*Mycetophila sumavica* (Lastovka, 1963) ^{NHMO, 8, FaEu}*Mycetophila unguiculata* Lundström, 1913 ^{11, 16, FaEu}*Mycetophila uninotata* Zetterstedt, 1852 ^{NHMO, 1, 13, CpD, FaEu}*Mycetophila unipunctata* Meigen, 1818 ^{NHMO, 7, FaEu}*Mycetophila vittipes* Zetterstedt, 1852 ^{NHMO, 1, 8, FaEu}*Mycetophila xanthopyga* Winnertz, 1863 ^{11, 16, FaEu}**Mycomya Rondani, 1856***Mycomya (Calcomycomya) pulchella* (Dziedzicki, 1885) ^{NHMO, 11, 16, FaEu}* *Mycomya (Cymomya) circumdata* (Stæger, 1840) ^{NHMO}◇ *Mycomya (Lycomya) pectinifera* Edwards, 1924 ^{FaEu}*Mycomya (Mycomya) annulata* (Meigen, 1818) ^{NHMO, 1, 8, 11, 16, CpD, FaEu}*incisurata* Zetterstedt, 1838 (*Sciophila*)* *Mycomya (Mycomya) bialorussica* Landrock, 1925 ^{NHMO}*Mycomya (Mycomya) bicolor* (Dziedzicki, 1885) ^{NHMO, 5, 8, 11, 16, FaEu}*Mycomya (Mycomya) britteni* (Kidd, 1955) ¹³*Mycomya (Mycomya) brunnea* (Dziedzicki, 1885) ^{11, 16, FaEu}*Mycomya (Mycomya) cinerascens* (MacQuart, 1826) ^{NHMO, 1, 8, 11, 13, 16, CpD, FaEu}*hyalinata* Meigen, 1830 (*Sciophila*)*Mycomya (Mycomya) denmax* Väisänen, 1979 ^{NHMO, 8, 13, FaEu}*Mycomya (Mycomya) disa* Väisänen, 1984 ^{NHMO, 5, 8, FaEu}*Mycomya (Mycomya) dziedzickii* Väisänen, 1981 ^{11, 16, FaEu}*Mycomya (Mycomya) egregia* (Dziedzicki, 1885) ^{8, 11, 13, 16, FaEu}*Mycomya (Mycomya) festivalis* Väisänen, 1984 ^{11, 13, 16, FaEu}* *Mycomya (Mycomya) flavicollis* (Zetterstedt, 1852) ^{NHMO}*Mycomya (Mycomya) griseovittata* (Zetterstedt, 1852) ^{NHMO, 1, 5, 8, 11, 16, CpD, FaEu}*fasciata* Zetterstedt, 1838 (*Sciophila*)*Mycomya (Mycomya) hackmani* Väisänen, 1984 ^{NHMO, 5, 8, 11, 16, FaEu}* *Mycomya (Mycomya) hiisi* Väisänen, 1979 ^{NHMO}*Mycomya (Mycomya) humida* Garrett, 1924 ^{11, 16, FaEu}*Mycomya (Mycomya) islandica* Väisänen, 1984 ^{FaEu (Svalbard)}*Mycomya (Mycomya) lambi* Edwards, 1941 ^{NHMO, 8, 13, FaEu}* *Mycomya (Mycomya) levis* (Dziedzicki, 1885) ^{NHMO}*Mycomya (Mycomya) maculata* (Meigen, 1804) ^{NHMO, 1, 8, 11, 16, CpD, FaEu}*Mycomya (Mycomya) marginata* (Meigen, 1818) ^{NHMO, 1, 11, 16, CpD, FaEu}*Mycomya (Mycomya) mituda* Väisänen, 1980 ^{11, 16, FaEu}*Mycomya (Mycomya) neohyalinata* Väisänen, 1984 ^{NHMO, 8, 13, FaEu}*Mycomya (Mycomya) nigricornis* (Zetterstedt, 1852) ^{NHMO, 8, 11, 16, FaEu}*Mycomya (Mycomya) nitida* (Zetterstedt, 1852) ^{NHMO, 1, 5, 8, 11, 16, CpD, FaEu}*Mycomya (Mycomya) norma* Väisänen, 1984 ^{11, 16, FaEu}*Mycomya (Mycomya) ornata* (Meigen, 1818) ^{NHMO, 13, FaEu}*Mycomya (Mycomya) prominens* (Lundström, 1913) ^{11, FaEu}*Mycomya (Mycomya) pseudoapicalis* (Landrock, 1925) ^{11, 16, FaEu}

Mycomya (Mycomya) punctata (Meigen, 1804) s, FaEu
Mycomya (Mycomya) ruficollis (Zetterstedt, 1852) NHMO, 1, 11, 13, 16, CpD, FaEu
Mycomya (Mycomya) shermani Garrett, 1924 NHMO, 5, 8, 11, 13, 16, CpD, FaEu
kingi Edwards, 1941 (*Mycomya*)
 * *Mycomya (Mycomya) siebecki* (Landrock, 1912) NHMO
Mycomya (Mycomya) sigma Johannsen, 1910 NHMO, 11, 13, 16, FaEu
Mycomya (Mycomya) simulans Väisänen, 1984 NHMO, 8, FaEu
 * *Mycomya (Mycomya) subarctica* Väisänen, 1979 NHMO
Mycomya (Mycomya) tenuis (Walker, 1856) NHMO, 5, 11, FaEu
 * *Mycomya (Mycomya) tridens* (Lundström, 1911)
Mycomya (Mycomya) trivittata (Zetterstedt, 1838) NHMO, 1, 8, 11, 16, CpD, FaEu
Mycomya (Mycomya) tumida (Winnertz, 1863) NHMO, 5, 8, 11, 16, FaEu
Mycomya (Mycomya) vittiventris (Zetterstedt, 1852) NHMO, 1, 5, 8, 11, 16, CpD, FaEu
Mycomya (Mycomya) wankowiczii (Dziedzicki, 1885) NHMO, 1, 8, CpD, FaEu
notabilis Stæger, 1840 (*Sciophila*)
Mycomya (Mycomya) winnertzi (Dziedzicki, 1885) 8, 13, FaEu
 * *Mycomya (Mycomyopsis) affinis* (Stæger, 1840) NHMO
Mycomya (Mycomyopsis) confusa Väisänen, 1977 NHMO, 11, 16, FaEu
 * *Mycomya (Mycomyopsis) neolittoralis* Väisänen, 1984 NHMO
Mycomya (Mycomyopsis) penicillata (Dziedzicki, 1885) 11, 16, FaEu
 * *Mycomya (Mycomyopsis) permixta* Väisänen, 1984 NHMO
Mycomya (Mycomyopsis) trilineata (Zetterstedt, 1838) NHMO, CpD, FaEu
Mycomya (Neomycomya) fimbriata (Meigen, 1818) NHMO, 11, 13, 16, FaEu

Myrosia Tuomikoski, 1966

Myrosia maculosa (Meigen, 1818) NHMO, 1

Neoempheria Osten Sacken, 1878

Neoempheria pictipennis (Haliday, 1833) NHMO, 8, 11, 16, FaEu
Neoempheria striata (Meigen, 1818) 13

Neuratelia Rondani, 1856

Neuratelia nemoralis (Meigen, 1818) NHMO, 8, 11, 16, FaEu
 * *Neuratelia nigricornis* Edwards, 1941 NHMO

Notolopha Tuomikoski, 1966

Notolopha cristata (Stæger, 1840) NHMO, 1, 8, 11, 16, FaEu
brachycera Zetterstedt, 1852 (*Mycetophila*)

Palaeodocosia Meunier, 1904

* *Palaeodocosia alpicola* (Strobl, 1895) NHMO
Palaeodocosia vittata (Coquillett, 1901) NHMO, 8, 11, 16, FaEu
janickii (Dziedzicki, 1923) (*Palaeodocosia*)

Paratinia Mik, 1874

Paratinia sciarina Mik, 1874 NHMO, 8, 11, 16, FaEu

Phronia Winnertz, 1863

Phronia aviculata Lundström, 1914 NHMO, 8, FaEu
Phronia biarcuata (Becker, 1908) 8, 11, 16, FaEu
Phronia bicolor Dziedzicki, 1889 NHMO, 7, 11, 16, FaEu
fusciventris van Duzee, 1928 (*Phronia*)
?tarsata Stæger, 1840 (*Mycetophila*)
Phronia braueri Dziedzicki, 1889 NHMO, 8, 11, FaEu
Phronia caliginosa Dziedzicki, 1889 NHMO, 8, 11, 16, FaEu
Phronia cinerascens Winnertz, 1863 NHMO, 8, 11, 16, FaEu
 * *Phronia conformis* (Walker, 1856) NHMO

Phronia cordata Lundström, 1914

Phronia digitata Hackman, 1970 11, 16, FaEu
Phronia disgrega Dziedzicki, 1889 NHMO, 11, FaEu
Phronia dziedzickii Lundström, 1906 11, 16, FaEu
Phronia egregia Dziedzicki, 1889 8, CpD, FaEu
Phronia elegans Dziedzicki, 1889 11, 16, FaEu
Phronia exigua (Zetterstedt, 1852) NHMO, 1, 8, CpD, FaEu
Phronia flavipes Winnertz, 1863 8, FaEu
Phronia forcipata Winnertz, 1863 NHMO, 8, 11, 13, 16, FaEu
Phronia humeralis Winnertz, 1863 NHMO, 8, FaEu
Phronia interstincta Dziedzicki, 1889 NHMO, 8, FaEu
Phronia longaelamellata Strobl, 1898 8
Phronia lutescens Hackman, 1970 8, FaEu
Phronia mutabilis Dziedzicki, 1889 8, 11, 13, FaEu
Phronia nigricornis (Zetterstedt, 1852) NHMO, 1, 8, 11, 16, FaEu
Phronia nigripalpis Lundström, 1909 NHMO, 11, 13, 16, FaEu
 * *Phronia nitidiventris* (van der Wulp, 1852) NHMO
Phronia notata Dziedzicki, 1889 NHMO, 8, FaEu
Phronia obscura Dziedzicki, 1889 8, FaEu
Phronia obtusa Winnertz, 1863 11, 13, FaEu
Phronia peculiaris Dziedzicki, 1889 NHMO, 11, 16, FaEu
Phronia persimilis Hackman, 1970 NHMO, 2, 11, 16, CpD, FaEu
Phronia petulans Dziedzicki, 1889 11, 16, FaEu
Phronia porschinskyi Dziedzicki, 1889 13, CpD, FaEu
Phronia siebeckii Dziedzicki, 1889 NHMO, 11, FaEu
Phronia signata Winnertz, 1863 NHMO, 8, FaEu
austriaca Winnertz, 1863 (*Phronia*)
Phronia strenua Winnertz, 1863 8, 11, 13, 16, FaEu
flavicollis Winnertz, 1863 (*Phronia*)
Phronia tenuis Winnertz, 1863 NHMO, 11, 16, FaEu
 * *Phronia tieffii* Dziedzicki, 1889 NHMO
 * *Phronia unica* Dziedzicki, 1889 NHMO
 ◇ *Phronia vitrea* Plassmann, 1999 FaEu
Phronia willistoni Dziedzicki, 1889 11, 16, FaEu

Phthinia Winnertz, 1863

Phthinia humilis Winnertz, 1863 NHMO, 8, 11, 16, FaEu
Phthinia mira Ostroverkhova, 1979 11, 16, FaEu
Phthinia setosa Zaitzev, 1994 11, 16, FaEu
 * *Phthinia winnertzi* Mik, 1869 NHMO

Platurocypta Enderlein, 1910

Platurocypta punctum (Stannuis, 1831) NHMO, 1
obsoleta Zetterstedt, 1852 (*Mycetophila*)
Platurocypta testata (Edwards, 1925) NHMO, 11, 13, FaEu
fumipennis Bukowski, 1934 (*Platurocypta*)

Polylepta Winnertz, 1863

Polylepta borealis Lundström, 1912 NHMO, 8, 11, 16, FaEu
Polylepta guttiventris (Zetterstedt, 1852) NHMO, 8, 11, 13, 16, FaEu

Pseudobrachypeza Tuomikoski, 1966

Pseudobrachypeza helvetica (Walker, 1856) NHMO, 8, FaEu

Pseudoexechia Tuomikoski, 1966

Pseudoexechia aurivernica Chandler, 1978 NHMO, 7, FaEu
Pseudoexechia trisignata (Edwards, 1913) NHMO, 7, 8, FaEu

Pseudoexechia trivittata (Stæger, 1840)

Pseudorymosia Tuomikoski, 1966

Pseudorymosia fovea (Dziedzicki, 1910) NHMO, 8, FaEu

Rondaniella Johannsen, 1909

Rondaniella dimidiata (Meigen, 1804) NHMO, 1, 11, 13, 16, CpD, FaEu

apicalis Zetterstedt, 1852 (*Leia*)

Rymosia Winnertz, 1863

Rymosia affinis Winnertz, 1863 7, FaEu

Rymosia bifida Edwards, 1925 NHMO, 8, FaEu

Rymosia fasciata (Meigen, 1804) NHMO, 7, 8, 11, 16, FaEu

Rymosia guttata Lundström, 1912 8, FaEu

Rymosia placida Winnertz, 1863 NHMO, 7, 8, 11, FaEu

Rymosia signatipes (van der Wulp, 1859) NHMO, 7, 8, 11, FaEu

Saigusaia Vockeroth, 1980

Saigusaia flaviventris (Strobl, 1894) NHMO, 11, 16, FaEu

Sceptonia Winnertz, 1863

Sceptonia concolor Winnertz, 1863 NHMO, 11, 16, FaEu

Sceptonia costata (van der Wulp, 1858) NHMO, FaEu

Sceptonia fumipes Edwards, 1925 NHMO, 8, 11, 13, 16, FaEu

Sceptonia fuscipalpis Edwards, 1925 NHMO, 8, 11, 16, FaEu

Sceptonia nigra (Meigen, 1804) NHMO, 1, 8, 11, FaEu

Sceptonia regni Chandler, 1991 11, 16, FaEu

Sceptonia tenuis Edwards, 1925 11, 16, FaEu

Sciophila Meigen, 1818

Sciophila adamsi Edwards, 1925 11, 16, FaEu

Sciophila balderi Zaitzev & Økland, 1994 9, 16, FaEu

Sciophila bicuspidata Zaitzev, 1982 11, 16, FaEu

Sciophila buxtoni Freeman, 1956 11, FaEu

Sciophila distincta Garrett, 1925 11, FaEu

Sciophila exserta Zaitzev, 1982 11, 16, FaEu

Sciophila fenestella Curtis, 1837 NHMO, 8, 11, 13, 16, FaEu

Sciophila fridolini Stackelberg, 1943 NHMO, 13

Sciophila geniculata Zetterstedt, 1838 NHMO, 1, 11, 16, CpD, FaEu

Sciophila hirta Meigen, 1818 NHMO, 1, 11, 13, 16, FaEu

Sciophila inerrupta (Winnertz, 1863) NHMO, 13

Sciophila limbatella Zetterstedt, 1852 NHMO, 13

Sciophila lutea Macquart, 1826 NHMO, 11, 16, FaEu

Sciophila nigronitida Landrock, 1925 NHMO, 8, 13, FaEu

Sciophila nonnisilva Hutson, 1979 11, 16, FaEu

* *Sciophila quadrifera* Hutson, 1979 NHMO

Sciophila rufa Meigen, 1830 11, FaEu

Sciophila salassea Matile, 1983 11, 16, FaEu

Sciophila spinifera Zaitzev, 1982 NHMO, 11, 16, FaEu

Sciophila subbicuspidata Zaitzev & Økland, 1994 9, 16, FaEu

Sciophila thoracica Stæger, 1840 NHMO, 1

Speolepta Edwards, 1925

Speolepta leptogaster (Winnertz, 1863) NHMO, 7, 11, 16, FaEu

Stigmatomeria Tuomikoski, 1966

Stigmatomeria crassicornis (Stannuis, 1831) NHMO, 1, 11

bicolor Macquart, 1834 (*Mycetophila*)

Synapha Meigen, 1818

* *Synapha fasciata* Meigen, 1818 NHMO

Synapha vitripennis (Meigen, 1818) NHMO, 8, 11, 13, 16, FaEu

Sytemna Winnertz, 1863

* *Sytemna daisetzuzana* Okada, 1938 NHMO

◇ *Sytemna elegantia* Plassmann, 1978 FaEu

Sytemna hungarica (Lundström, 1912) NHMO, 8, 11, 13, 16, FaEu

Sytemna nitidula Edwards, 1925 NHMO, 8, 11, 16, FaEu

Sytemna penicilla Hutson, 1979 11, 16, FaEu

Sytemna relicta (Lundström, 1912) NHMO, 8, 11, 13, 16, CpD, FaEu

Sytemna setigera (Lundström, 1914) 9, 10, 11, 13, 16, FaEu

haagvari Økland, 1995 (*Sytemna*)

Sytemna stylata Hutson, 1979 NHMO, 11, 16, FaEu

Tarnania Tuomikoski, 1966

Tarnania dziedzickii (Edwards, 1941) NHMO, 7, FaEu

Tarnania fenestralis (Meigen, 1818) NHMO, 7, 8, FaEu

* *Tarnania nemoralis* (Edwards, 1941)

Tarnania tarnanii (Dziedzicki, 1910) NHMO, 8, 11, 16, FaEu

Tetragoneura Winnertz, 1846

Tetragoneura sylvatica (Curtis, 1837) NHMO, 11, 16, FaEu

Trichonta Winnertz, 1863

Trichonta aberrans Lundström, 1911 11, FaEu

Trichonta atricauda (Zetterstedt, 1852) NHMO, 1, 4, 8, 11, 13, 16, CpD, FaEu

* *Trichonta beata* Gagné, 1979 NHMO

Trichonta bicolor Landrock, 1912 8, FaEu

Trichonta bifida Lundström, 1909 4, CpD, FaEu

Trichonta brevicauda Lundström, 1906 4, CpD, FaEu

Trichonta comica Gagné, 1981 NHMO, 11, 16, FaEu

Trichonta comis Gagné, 1981 8, 11, FaEu

Trichonta delicata Gagné, 1981 11, 16, FaEu

Trichonta facilis Gagné, 1981 NHMO, 4, 8, 11, 16, CpD, FaEu

Trichonta falcata Lundström, 1911 4, FaEu

Trichonta fissicauda (Zetterstedt, 1852) NHMO, 8, 11, 16, FaEu

Trichonta flavicauda Lundström, 1914 11, 16, FaEu

Trichonta fragilis Gagné, 1981 NHMO, 11, FaEu

Trichonta generosa Gagné, 1981 8, 11, 16, FaEu

Trichonta hamata Mik, 1880 NHMO, 4, 8, 11, 16, FaEu

* *Trichonta lyrica* Gagné, 1981 NHMO

Trichonta melanura (Stæger, 1840) NHMO, 1, 4, 8, 11, 16, CpD, FaEu

melanopyga Zetterstedt, 1852 (*Mycetophila*)

* *Trichonta patens* Johannsen, 1912 NHMO

Trichonta subfusca Lundström, 1909 NHMO, 4, 11, 16, CpD, FaEu

Trichonta submaculata (Stæger, 1840) NHMO, 8, 11, 13, 16, FaEu

Trichonta terminalis (Walker, 1856) NHMO, 4, 8, 11, 16, CpD, FaEu

Trichonta trivittata Lundström, 1916 NHMO, 8, FaEu

Trichonta venosa (Stæger, 1840) NHMO, 4, 11, 16, FaEu

Trichonta vitta (Meigen, 1830) 4, 11, 16, FaEu

Trichonta vulcani (Dziedzicki, 1889) NHMO, 4, 8, CpD, FaEu

Trichonta vulgaris Loew, 1869 1, 16, FaEu

Zygomyia Winnertz, 1863

Zygomyia humeralis (Wiedemann, 1817) 11, 16, FaEu

Zygomyia kiddi Chandler, 1991 11, 16, FaEu

Zygomyia notata (Stannuis, 1831) ^{NHMO, 8, 11, FaEu}

paludosa (Stæger, 1840) (*Mycetophila*)

Zygomyia pictipennis (Stæger, 1840) ^{11, 16, FaEu}

Zygomyia pseudohumeralis Caspers, 1980 ^{8, 11, 16, FaEu}

Zygomyia semifusca (Meigen, 1818) ^{NHMO, 8, 11, 16, FaEu}

Zygomyia valida Winnertz, 1863 ^{11, 16, FaEu}

Zygomyia vara (Stæger, 1840) ^{1, 11, 16, FaEu}

Zygomyia zaitzevi Chandler, 1991 ^{11, FaEu}

- 10 September 1995, 14 ♂♂, leg. L. O. Hansen & H. Rinden, coll. NHMO; Alta: Eiby, Valsetmoen (EIS 173), 6 July - 8 August 1995, 27 ♂♂, leg. L. O. Hansen & H. Rinden, coll. NHMO.

Boletina kowarzi Stackelberg, 1943

TEY: Porsgrunn: Gravastranda (EIS 18), 13 June - 12 July 1988, 3 ♂♂, leg. G. Søli, coll. NHMO; **VE:** Horten: Veggefjellet, Falkenstein (EIS 19), July 1997, 1 ♂, leg. L. O. Hansen, coll. NHMO.

SPECIES NEW TO NORWAY

Acnemia longipes Winnertz, 1863

HOY: Askøy: Åsbø (EIS 39), 15 September 1990, 1 ♂, leg. J. Kjærandsen, coll. NHMO.

Allodia (Allodia) embla Hackman, 1971

HOY: Stord: Iglatjørn (EIS 23), 23 May - 28 June 1989, 1 ♂, leg. L. Greve Jensen, coll. NHMO.

Allodia (Brachycampta) foliifera

(Strobl, 1910)

VE: Larvik: Brånakollene (EIS 19), 19 May 2005, 2 ♂♂, leg. O. Kurina & J. Kjærandsen.

Allodiopsis (Allodiopsis) rustica (Edwards, 1941)

VE: Larvik: Brånakollene (EIS 19), 19 May 2005, 3 ♂♂, leg. O. Kurina; Larvik: Jordstøyp (EIS 19), 20 May 2005, 10 ♂♂, leg. O. Kurina; Larvik: Vemannsåsen (EIS 19), 21 May 2005, 3 ♂♂, leg. O. Kurina.

Boletina digitata Lundström, 1914

TEY: Porsgrunn: Gravastranda (EIS 18), 13 June - 12 July 1988, 1 ♂, leg. G. Søli, coll. NHMO. **SFI:** Luster: Gaupne (EIS 60), 22 June 1988, 1 ♂, leg. G. Søli, coll. NHMO; **FV:** Alta: Buolamalia, Detsika (EIS 173), 11 June - 3 July 1995, 1 ♂, leg. L. O. Hansen & H. Rinden, coll. NHMO; Alta: Eiby, Valsetmoen (EIS 173), 6 July - 8 August 1995, 1 ♂, leg. L. O. Hansen & H. Rinden, coll. NHMO; Alta: Møllenes, Kåfjord (EIS 173), 3 July - 8 August 1995, 2 ♂♂, leg. L. O. Hansen & H. Rinden, coll. NHMO.

Boletina dissipata Plassmann, 1986

FV: Alta: Buolamalia, Detsika (EIS 173), 8 August

Boletina kurilensis Zaitzev, 1994

FV: Alta: Mattisdalen S. (EIS 165), 4 August - 26 September 1996, 1 ♂, leg. L. O. Hansen & H. Rinden, coll. NHMO; Alta: Buolamalia, Detsika (EIS 173), 8 August - 10 September 1995, 2 ♂♂, leg. L. O. Hansen & H. Rinden, coll. NHMO.

Boletina landrocki Edwards, 1924

TRY: Tromsø: Skitteneveldal (EIS 162), 13 September 1987, 1 ♂, leg. G. Søli, coll. NHMO; **FV:** Måsøy: Gunnarnes, Rolvsøy (EIS 186), September 1992, 1 ♂, leg. P. Tangen, coll. NHMO.

Boletina minuta Polevoi in Zaitzev & Polevoi, 1995

SFI: Luster: Øyastrondi, Jostedal (EIS 60), 20 August - 11 September 1988, 1 ♂, leg. G. Søli, coll. NHMO; **FV:** Alta: Buolamalia, Detsika (EIS 173), 8 August - 10 September 1995, 19 ♂♂, leg. L. O. Hansen & H. Rinden, coll. NHMO.

Boletina populina Polevoi in Zaitzev & Polevoi, 1995

TEY: Drangedal: Skultrevassåsen (EIS 11), 16 May - 13 June 1995, 1 ♂, leg. A. Bakke, coll. NHMO; **FV:** Alta: Buolamalia, Detsika (EIS 173), 8 August - 10 September 1995, 46 ♂♂, leg. L. O. Hansen & H. Rinden, coll. NHMO; Alta: Eiby, Valsetmoen (EIS 173), 6 July - 10 September 1995, 58 ♂♂, leg. L. O. Hansen & H. Rinden, coll. NHMO; Alta: Møllenes, Kåfjord (EIS 173), 8 August - 10 September 1995, 1 ♂, leg. L. O. Hansen & H. Rinden, coll. NHMO.

Boletina rejecta Edwards, 1941

FV: Alta: Buolamalia, Detsika (EIS 173), 11 June

- 3 July 1995, 18 ♂♂, leg. L. O. Hansen & H. Rinden, coll. NHMO; Alta: Buolamalia, Detsika (EIS 173), 8 August - 10 September 1995, 5 ♂♂, leg. L. O. Hansen & H. Rinden, coll. NHMO.

Boletina takagii Sasakawa & Kimura, 1974

FV: Alta: Buolamalia, Detsika (EIS 173), 8 August - 10 September 1995, 70 ♂♂, leg. L. O. Hansen & H. Rinden, coll. NHMO; Alta: Eiby, Valsetmoen (EIS 173), 6 July - 10 September 1995, 13 ♂♂, leg. L. O. Hansen & H. Rinden, coll. NHMO.

Boletina tirolensis Plassmann, 1980

FV: Alta: Mattisdalen S (165), 4 August - 26 September 1996, 1 ♂, leg. L. O. Hansen & H. Rinden, coll. NHMO.

Boletina triangularis Polevoi in Zaitzev & Polevoi, 1995

AK: Nesodden: Fagerstrand (EIS 28), August - September 1980, 1 ♂, leg. S. Kobro, coll. NHMO; **FV:** Alta: Buolamalia, Detsika (EIS 173), 8 August - 10 September 1995, 51 ♂♂, leg. L. O. Hansen & H. Rinden, coll. NHMO; Alta: Eiby, Valsetmoen (EIS 173), 8 August - 10 September 1995, 1 ♂, leg. L. O. Hansen & H. Rinden, coll. NHMO.

Boletina trispinosa Edwards, 1913

TRY: Tromsø: Folkeparken (EIS 162), 5 September 1987, 3 ♂♂, leg. G. Søli, coll. NHMO.

Boletina verticillata Stackelberg, 1943

TRY: Tromsø: Litlemoen, Breivikeidet (EIS 163), 1 September 1987, 1 ♂, leg. G. Søli, coll. NHMO.

Brachypeza radiata Jenkinson, 1908

AAI: Bygland: Heddevika (EIS 9), 29 July - 27 August 1988, 1 ♂, leg. K. Berggren, coll. NHMO.

Brevicornu serenum (Winnertz, 1863)

VE: Larvik: Brånakollene (EIS 19), 19 May 2005, 1 ♂, leg. O. Kurina.

Docosia fuscipes (von Roser, 1840)

VE: Larvik: Brånakollene (EIS 19), 19 May 2005, 2 ♂♂, leg. O. Kurina.

Docosia pallipes Edwards, 1941

VE: Horten: Veggefjellet, Falkenstein (EIS 19), July 1997, 6 ♂♂, leg. L. O. Hansen, coll. NHMO.

Greenomyia baikalica Zaitzev, 1994

NTI: Lierne: Østborg (EIS 103), 14 - 20 August 1996, 1 ♂, leg. A. Bakke, coll. NHMO.

Leia bilineata (Winnertz, 1863)

TEY: Porsgrunn: Oksum (EIS 18), 17 July - 5 August 1991, 1 ♂, leg. S.K. Hansen, coll. NHMO.

Leia picta Meigen, 1830

TEY: Drangedal: Skultrevassåsen (EIS 11), 10 July - 8 August 1995, 2 ♂♂, leg. A. Bakke, coll. NHMO; Porsgrunn: Sandøya (EIS 11), 17 September - 3 October 1986, 1 ♂, leg. G. Søli, coll. NHMO; **TEI:** Kviteseid: Flatland, Vrådal (EIS 17), 9 July 1983, 1 ♂, leg. G. Søli, coll. NHMO; **AK:** Oslo: Østensjøvannet (EIS 28), July 1996, 2 ♂♂, leg. M. Falck, coll. NHMO.

Leptomorphus (Leptomorphus) walkeri Curtis, 1831

TEY: Drangedal: Skultrevassåsen (EIS 11), 10 July - 8 August 1995, 1 ♂, leg. A. Bakke, coll. NHMO; Porsgrunn: Hitterødbekken (EIS 18), 13 June - 11 July 1988, 2 ♂♂, leg. G. Søli, coll. NHMO; **TEI:** Tinn: Rjukan (EIS 26), August 1995, 1 ♂, leg. B. A. Sagvolden, coll. NHMO.

Macrobrachius kowartzii

Dziedzicki, 1889

TEY: Porsgrunn: Hitterødbekken (EIS 18), 13 June - 11 July 1988, 1 ♂, leg. G. Søli, coll. NHMO.

Manota unifurcata Lundström, 1913

TEY: Porsgrunn: Brevik, Dammane (EIS 11), 27 June - 12 July 1988, 1 ♂, leg. G. Søli, coll. NHMO **AK:** Ås: Årungen, Syverud (EIS 28), 14 August - 13 September 2003, 1 ♂, leg. E. Rindal & L. Aarvik, coll. NHMO.

Mycetophila alea Laffoon, 1965

VE: Larvik: Jordstøyp (EIS 19), 1 ♂, 20 May 2005, leg. J. Kjærandsen.

Mycetophila confusa Dziedzicki, 1884

AK: Nesodden: Fagerstrand (EIS 28), August - October 1980, 1 ♂, leg. S. Kobro, coll. NHMO.

Mycetophila edwardsi Lundström, 1913

VE: Larvik: Brånakollene (EIS 19), 19 May 2005, 1 ♂, leg. O. Kurina.

Mycetophila formosa Lundström, 1911

VE: Larvik: S Tinvik (EIS 19), 22 May 2005, 2 ♂♂, leg. J. Kjærandsen.

Mycetophila lastovkai Caspers, 1984

VE: Larvik: Vemannsåsen (EIS 19), 21 May 2005, 1 ♂, leg. O. Kurina.

Mycetophila mitis (Johannsen, 1912)

FV: Alta: Buolamalia, Detsika (EIS 173), 11 June - 3 July 1995, 1 ♂, leg. L. O. Hansen & H. Rinden, coll. NHMO.

Mycetophila pyrenaica Matile, 1967

VE: Larvik: Brånakollene (EIS 19), 19 May 2005, 1 ♂, leg. O. Kurina.

Mycetophila signata Meigen, 1830

AAy: Iveland: Tollekleiv (EIS 5), 20 May 1991, 4 ♂♂, leg. G. Søli, coll. NHMO.

Mycetophila spectabilis Winnertz, 1863

RY: Finnøy: Sevheim (EIS 14), 28 August - 17 October 1992, 2 ♂♂ 1 ♀, leg. J. Skartveit, coll. NHMO.

Mycomya (Cymomya) circumdata (Staeger, 1840)

TEY: Porsgrunn: Gravastranda (EIS 18), 13 June - 12 July 1988, 2 ♂♂, leg. G. Søli, coll. NHMO.

Mycomya (Mycomya) bialorussica

Landrock, 1925

FV: Alta: Mattisdalen S. (EIS 165), 23 June - 4 August 1996, 1 ♂, leg. L. O. Hansen & H. Rinden, coll. NHMO.

Mycomya (Mycomya) flavicollis (Zetterstedt, 1852)

TEY: Drangedal: Skultrevassåsen (EIS 11),

10 July - 8 August 1995, 9 ♂♂, leg. A. Bakke, coll. NHMO; Porsgrunn: Brevik, Dammane (EIS 11), 26 June - 12 July 1988, 7 ♂♂ 1 ♀, leg. G. Søli, coll. NHMO; **VE:** Horten: Veggefjellet, Falkenstein (EIS 19), July 1997, 2 ♂♂, leg. L. O. Hansen, coll. NHMO.

Mycomya (Mycomya) hiisi Väisänen, 1979

BV: Rollag: Bråtåsen (EIS 35), September 1994, 1 ♂, leg. L. O. Hansen & B. A. Sagvolden, coll. NHMO.

Mycomya (Mycomya) levis (Dziedzicki, 1885)

OS: Gausdal: Svatsum (EIS 53), 19 July 1995, 1 ♂, leg. B. A. Sagvolden, coll. NHMO.

Mycomya (Mycomya) siebecki (Landrock, 1912)

TEY: Porsgrunn: Gravastranda (EIS 18), 13 June - 12 July 1988, 1 ♂, leg. G. Søli, coll. NHMO; **TRI:** Målselv: Høgskardhus (EIS 147), 9 September 1987, 1 ♂, leg. G. Søli, coll. NHMO.

Mycomya (Mycomya) subarctica Väisänen, 1979

TRI: Målselv: Devdisvatn (Dødesvatn) (EIS 147), 9 September 1987, 1 ♂, leg. G. Søli, coll. NHMO; Målselv: Høgskardhus (EIS 147), 9 September 1987, 1 ♂, leg. G. Søli, coll. NHMO; Målselv: Svalheim, Dividalen (EIS 147), 9 September 1987, 1 ♂, leg. G. Søli, coll. NHMO; Storfjord: Nyli, Signaldalen (EIS 155), 9 September 1987, 1 ♂, leg. G. Søli, coll. NHMO.

Mycomya (Mycomya) tridens (Lundström, 1911)

VE: Larvik: Brånakollene (EIS 19), 19 May 2005, 8 ♂♂, leg. O. Kurina.

Mycomya (Mycomyopsis) affinis (Staeger, 1840)

TRY: Tromsø: Litlemoen, Breivikeidet (EIS 163), 1 September 1987, 5 ♂♂, leg. G. Søli, coll. NHMO; **FV:** Alta: Buolamalia, Detsika (EIS 173), 8 August - 10 September 1995, 5 ♂♂, leg. L. O. Hansen & H. Rinden, coll. NHMO.

Mycomya (Mycomyopsis) neolittoralis

Väisänen, 1984

TEY: Drangedal: Skultrevassåsen (EIS 11), 10 July - 8 August 1995, 2 ♂♂, leg. A. Bakke, coll. NHMO.

Mycomya (Mycomyopsis) permixta

Väisänen, 1984

TRY: Tromsø: Skittenevldal (EIS 162), 13 September 1987, 3 ♂♂, leg. G. Søli, coll. NHMO.

Neuratelia nigricornis Edwards, 1941

MRI: Norddal: Tafjord (EIS 77), 15 June 1989, 1 ♀, leg. G. Søli, coll. NHMO.

Palaeodocosia alpicola (Strobl, 1895)

TEY: Porsgrunn: Hitterødbekken (EIS 18), 13 June - 11 July 1988, 1 ♀, leg. G. Søli, coll. NHMO.

Phronia conformis (Walker, 1856)

AK: Nesodden: Fagerstrand (EIS 28), August - September 1980, 1 ♂, leg. S. Kobro, coll. NHMO.

Phronia nitidiventris (van der Wulp, 1858)

TEY: Porsgrunn: Brevik, Dammane (EIS 11), 27 June - 12 July 1988, 1 ♂, leg. G. Søli, coll. NHMO; Porsgrunn: Hitterødbekken (EIS 18), 13 June - 11 July 1988, 1 ♂, leg. G. Søli, coll. NHMO.

Phronia tieffii Dziedzicki, 1889

AAy: Iveland: Tollekleiv (EIS 5), 20 May 1991, 1 ♂, leg. G. Søli, coll. NHMO; **AK:** Nesodden: Fagerstrand (EIS 28), August - October 1989, 2 ♂♂, leg. S. Kobro, coll. NHMO.

Phronia unica Dziedzicki, 1889

HOY: Bergen: Riple (EIS 31), 23 April 1991, 1 ♂, leg. J. Kjærandsen, coll. NHMO.

Phthinia winnertzi Mik, 1869

HOY: Os: Lepsøy (EIS 30), 27 July 1990, 1 ♂, leg. J. Kjærandsen, coll. NHMO; Os: Gåssand (EIS 31), 4 - 11 July 1991, 1 ♂, leg. Halvorsen, coll. NHMO; Os: Sæleli (EIS 31), 20 - 27 June 1991, 1 ♂, leg. Halvorsen, coll. NHMO; Lindås:

Hellteveit (EIS 40), 17 - 31 August 1991, 1 ♀, leg. G. Søli, coll. NHMO; **BV:** Rollag: Rollag, 6 August 1993, 1 ♂, leg. B. A. Sagvolden, coll. NHMO.

Sciophila quadriterga Hutson, 1979

FV: Alta: Møllenes, Kåfjord (EIS 173), 8 August - 10 September 1995, 2 ♂♂, leg. L. O. Hansen & H. Rinden, coll. NHMO.

Synapha fasciata Meigen, 1818

TEY: Drangedal: Skultrevassåsen (EIS 11), 10 July - 8 August 1995, 1 ♂, leg. A. Bakke, coll. NHMO.

Sytemna daisetzuzana Okada, 1938

TEY: Porsgrunn: Brevik, Dammane (EIS 11), 26 June - 12 July 1988, 2 ♂♂, leg. G. Søli, coll. NHMO; Porsgrunn: Hitterødbekken (EIS 18), 13 June - 11 July 1988, 25 ♂♂ 5 ♀♀, leg. G. Søli, coll. NHMO.

Tarnania nemoralis (Edwards, 1941)

VE: Larvik: Brånakollene (EIS 19), 19 May 2005, 2 ♂♂, leg. O. Kurina og J. Kjærandsen.

Trichonta beata Gagné, 1979

TEY: Porsgrunn: Hitterødbekken (EIS 18), 13 June - 11 July 1988, 1 ♂, leg. G. Søli, coll. NHMO.

Trichonta lyrica Gagné, 1981

TEY: Porsgrunn: Hitterødbekken (EIS 18), 13 June - 11 July 1988, 1 ♂, leg. G. Søli, coll. NHMO.

Trichonta patens Johannsen, 1912

FV: Alta: Buolamalia, Detsika (EIS 173), 8 August - 10 September 1995, 2 ♂♂, leg. L. O. Hansen & H. Rinden, coll. NHMO.

COMMENTS

A few species in the check list are included in the Fauna Europaea database (Chandler 2004), but as far as known to the authors, records for these species have never been published. These species are: *Allodia zaitzevi* Kurina 1998, *Boletina falcata*

Polevoi & Hedmark, 2004, *Cordyla nitidula* Edwards, 1925, *Exechia nigrofusca* Lundström, 1909, *Mycetophila biusta* Meigen, 1818, *Mycomya (L.) pectinifera* Edwards, 1924, *Phronia vittrea* Plassmann, 1999 and *Sytemna elegantia* Plassmann, 1978. The species are marked with a diamond sign (◊) in the check list.

One recently recorded species, *Phronia jacosa* Gagne, 1975 (Økland & Zaitzev 1997) has been omitted from the list. No other records exist outside the Nearctic region of this species, and it has so far not been possible to trace the original material.

CONCLUSIVE REMARKS

Our knowledge about Norwegian fungus gnats has improved considerably during the last 15 years. The number of localities thoroughly sampled and studied, however, is still restricted, and the actual number of species will by certainty exceed 473. Among our neighbouring countries, Finland is by far the best studied with respect to Mycetophilidae, and 525 species have been recorded (Polevoi & Yakovlev 2004). The corresponding number from Sweden is about 382, but a new list will be published soon, and the number of species will then probably be comparable to that from Finland (J. Kjørandsen, pers com.). The variation in topography and climate in Norway exceed that of both Sweden and Finland, hence, there are good reasons to suppose the actual number of species of Mycetophilidae in Norway to be close to 550. Fauna europaea (Chandler 2004) lists only 5 species from Svalbard (and Jan Mayen), viz. *Boletina maculata*, *Coelosia tenella*, *Exechia frigida*, *Mycomya islandica* and *Phronia egregia*, of which all, except *M. islandica*, have also been recorded from the mainland. Unfortunately, the dipterous fauna of Svalbard is still poorly investigated, but as fungus gnats in general appear to be rather common in polar regions, the number of species may well stay close to 50.

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