

Milichiidae

338 pp

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Milichiidae are small to very small, greyish black or shining black flies. Lower fronto-orbital bristles inclinate (sometimes reduced or absent); upper fronto-orbital bristles proclinate or curved outward. Costal vein of wing broken twice: once near humeral crossvein and once just proximally to conjoinment with vein R₁; subcosta entire, but sometimes very thin. Tibiae without preapical bristles. Ocellar triangle well developed. Proboscis often elongate; palpi large to very large and setose; vibrissae present, often very thin.

The larvae of Milichiidae are coprophagous or saprophagous in the widest sense, living in organic detritus like decaying plants, dung, kitchen refuse and birds' nests. Adult flies may be caught on carrion and dung; some species are associated with ants. Some species even attach themselves to other, predatory Diptera (e.g. Asilidae) or even to Reduviidae or spiders, by which they are transported until a prey is captured. Afterwards they suck the exudations from the wounds of the victim in company of the predator.

Data concerning the Belgian Milichiidae fauna are incorporated in Meunier (1902), Leruth (1904-05), Jacobs (1906) and Maréchal (1930). Keys are provided by Hennig (1937) and Papp (1978).

References: Meunier (1902), Leruth (1904-05), Jacobs (1906), Maréchal (1930), Hennig (1937, 1956), Ardö (1957), Moser & Neff (1971), Papp (1978).

Desmometopa Loew, 1866

- Liodesma* Duda, 1935
- Liodesmometopa* Duda, 1935
- sordida* (Fallén, 1820) *
- m-atrium* (Meigen, 1830)
- atra* (Duda, 1935)

Madiza Fallén, 1810

- Cleptoneria* Liroy, 1864
- Polphorina* Enderlein, 1921
- glabra* Fallén, 1820 *
- flavitaris* (Meigen, 1830)
- rufitaris* (Meigen, 1938)

Leptometopa Becker, 1903

- Macrurus* Liroy, 1864
- Hypaspistomyia* Hendel, 1907

- Prodesmometopa* Hendel, 1914
- Cnemoplegas* Enderlein, 1927
- Desmometopina* Curran, 1930
- Dicraeoptera* Duda, 1932

- latipes* (Meigen, 1830) *
- annulimana* (von Roser, 1840)
- annulitarsis* (von Roser, 1840)
- annulitarsis* (Zetterstedt, 1848)

Phyllomyza Fallén, 1810

- Hendelimyza* Duda, 1935
- flavitaris* (Meigen, 1830)
- tarsata* (Zetterstedt, 1848)
- longipalpis* (Schmitz, 1924) *
- securicornis* Fallén, 1823 *
- flavitaris* (Meigen, 1830)
- flavipes* (Meigen, 1830)

* Species present in coll of Koninklijke Belgisch De Institut voor Natuurwetenschappen

- Meunier, C. 1902. Supplément aux chasses héméptérologique et diptérologique des
musées de Bruxelles. Annales de la Société scientifique de Bruxelles 77: 77-82

- Jacobs, J. C. 1906. Diptères de la Belgique. 1^{re} partie. Mémoires de la Société
de Belgique 12: 21-76

- Maréchal, P. 1930. Liste d'espèces intéressantes (1919). Lambillionea 30: 24-27