

Xylophagidae (incl. *Coenomyiinae*)

Jean-Paul Haenni (1998 Checklist: Jean-Paul Haenni [Xylophagidae],

Jean-Paul Haenni & Bernhard Merz [Coenomyiidae])

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Diagnosis: Medium to large-sized brachycerous flies (7-18 mm), either of long-legged slender habitus (*Xylophagus*), or stout-built (*Coenomyia*). Body black, sometimes marked with orange, pilose but devoid of setae (*Xylophagus*), or brownish, setose and pilose (*Coenomyia*). Antennae with annulated flagellum, consisting of 7-8 flagellomeres. Palpi 1-2 segmented. Eyes separated in both sexes. Wings variegated with brownish; costa completely surrounding the wing; 3 (*Xylophagus*) or 4 (*Coenomyia*) veins arising from discal cell; anal cell closed just before wing margin (*Xylophagus*), or narrowly open (*Coenomyia*). Legs with tibial spurs present. *Coenomyia* has long been considered as belonging to a separate family Coenomyiidae (as was also the case in the 1998 Checklist).

Biology: Adults are mainly forest dwellers; the predaceous larvae live under bark and in decaying wood (*Xylophagus*) feeding on larvae of various xylophagous insects, or in upper layer of rich forest soils (*Coenomyia*).

Nomenclature and classification: According to Fauna Europaea (Rozkošný et al. 2013).

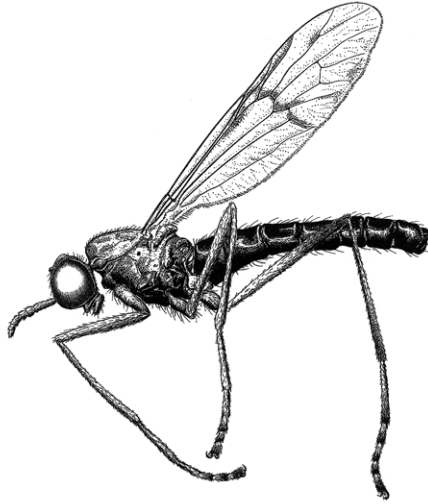
Number of species: CH: 4 (1998 Checklist: 4 [3+1]),

BE: 3, CZ: 4, DE: 4, FR: 4, GB: 4, IT: 3, NL: 3, SK: 3, Europe: 6, World: 134.

Level of faunistic knowledge in Switzerland: Good; one additional species present in vicinuous countries may probably also occur in Switzerland.

General references: Chandler (1998) [nomenclature], Haenni (1997) [*Xylophagus*, key, Central European species], Rozkošný et al. (2013) [Fauna Europaea, nomenclature], Woodley (2011) [key to genera, catalogue, World species].

References to the Swiss fauna: Blöchlinger (1990), Haenni (1997, 1998, 2019), Haenni & Merz (1998), Jentzsch (2011), Merz (2012).



Xylophagus ater,
male (CMPD2, p.413).

Checklist

Coenomyiinae

Coenomyia Latreille, 1796

- *ferruginea* (Scopoli, 1763) ! N1

Xylophaginae

Xylophagus Meigen, 1803

- *ater* Meigen, 1804 ! N2

= *compeditus* Meigen, 1820

- *cinctus* (De Geer, 1776) !

- *junki* (Szilády, 1932) !

Notes

- N1 *Coenomyia ferruginea* was placed in the separate family Coenomyiidae in the 1998 Checklist (Haenni & Merz 1998). Coenomyiinae is now considered a subfamily of Xylophagidae (Woodley 2011).
- N2 The species recorded under the name *Xylophagus compeditus* Wiedemann in Meigen, 1820 (Haenni 1997, 1998) is the true *X. ater*, as demonstrated by Chandler (1998).

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