

## Scenopinidae

Jean-Paul Haenni (1998 Checklist: Jean-Paul Haenni)

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**Diagnosis:** [central European species] Small to medium sized (3-7 mm), stout, dark coloured brachycerous flies; head and body devoid of bristles; head holoptic in male, usually dichoptic in female; antennae elbowed on frons, three-segmented, with first flagellar segment bearing a minute peg-like apical style. Wings with  $R_{2+3}$  unforked, parallel to  $R_1$ ; fork of  $R_{4+5}$  not extending over wing tip;  $M_1$  converging towards  $R_5$  and reaching wing margin before wing-tip; anal cell closed well before wing margin. Legs simple, tibiae devoid of apical spurs; abdomen somewhat flattened dorso-ventrally.

**Biology:** Adults are not frequently seen, except for two species which are often found indoors on windows. Larvae living in various dry substrates (soil, dust, bird nests, in galleries of xylobiont beetles, bark of dead trees, etc.), predaceous, feeding on various small invertebrates (especially mites and beetles).

**Nomenclature and classification:** According to Fauna Europaea (Carles-Tolrá 2013).

**Number of species:** CH: 3 (1998 Checklist: 3),  
BE: 4, CZ: 3, DE: 2, FR: 2, GB: 2, IT: 4, NL: 1, PL: 5, SK: 3, Europe: 17, World: ~350.

**Level of faunistic knowledge in Switzerland:** Good; 2 additional rare species, *S. griseus* (Kröber, 1913) and *S. vitripennis* Meigen, 1824, may possibly occur in Switzerland.

**General references:** Carles-Tolrá (2013) [Fauna Europaea database], Kelsey (1969) [keys, World species], Krivosheina (1997) [general, key to genera], Pohjoismäki & Haarto (2021) [taxonomy, key, European species], Trojan (1956) [taxonomy].

**References to the Swiss fauna:** Haenni (1998), Merz (2012).

## Checklist

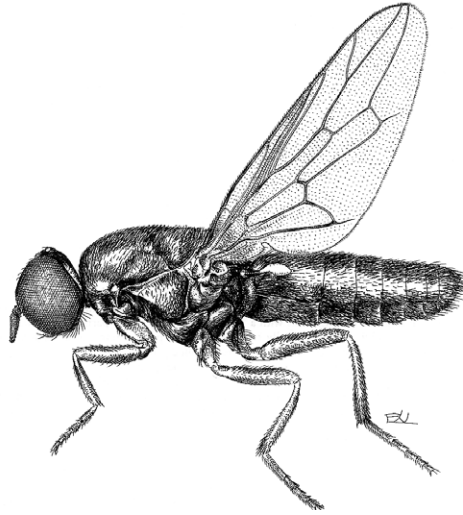
*Scenopinus* Latreille, 1802

- *fenestralis* (Linnaeus, 1758) !

- *glabrifrons* Meigen, 1824 !

- *niger* (De Geer, 1776) !

*Scenopinus fenestralis*,  
female (CMPD2, p. 531).



## References

- Carles-Tolrá M. 2013. Fauna Europaea: Scenopinidae. In: Beuk P. & Pape T. (eds). Fauna Europaea: Diptera, Brachycera. Fauna Europaea version 2.6. <http://www.faunaeur.org>.
- Haenni J.-P. 1998. 40. Scenopinidae (Omphraliidae). In: Merz B., Bächli G., Haenni J.-P. & Gonseth Y. (eds). Diptera - Checklist. Fauna Helvetica 1: 175. CSCF / SEG, Neuchâtel, 369 pp.
- Kelsey L.P. 1969. A revision of the Scenopinidae (Diptera) of the World. United States National Museum Bulletin 277: 1-336.
- Krivosheina N.P. 1997. 2.36. Family Scenopinidae. In: Papp L. & Darvas B. (eds). Contributions to a manual of Palaearctic Diptera (with special reference to flies of economic importance). Vol. 2, Nematocera and lower Brachycera: 531-538. Science Herald, Budapest, 592 pp.
- Merz B. 2012. 8.36.18. Superfamille Asiloidea. In: Merz B. (ed). Liste annotée des insectes (Insecta) du canton de Genève. Instrumenta Biodiversitatis 8: 365-368, Muséum d'histoire naturelle, Genève, 532 pp.
- Pohjoismäki J. & Haarto A. 2021. *Scenopinus jerei*, a new species of window fly (Diptera, Scenopinidae) from Finland. ZooKeys 1059: 135-156.
- Trojan P. 1956. Notes on the taxonomy of some European species of the genus *Omphrale* Meig. (Diptera, Omphralidae). Annales Zoologici 16(11): 147-156.
- Weinberg M. & Bächli G. 1983. The review of some families of the infraorder Asilomorpha (Diptera) from the collections of the Museum of Zoology of Zürich University. Travaux du Musée d'Histoire naturelle « Grigore Antipa » 25: 191-201.