

## Campichoetidae

Peter J. Chandler (1998 Checklist: Peter J. Chandler & Bernhard Merz)

Last update: Jul 2024

**Diagnosis:** Small (2.5-4 mm) slender-bodied acalyptrate flies; body colour dark with partly yellow head and legs. Arista short pubescent; ocellar bristles present; a pair of crossing postocellar bristles; two pairs of vertical bristles, inner pair converging, outer diverging; 2-3 pairs of fronto-orbital bristles, 1 pair curving forward, the other pair(s) backward; vibrissae present. Thorax with pleura, including anepisternum, bare. Wing with a row of stronger costal spines; brownish to greyish tinged, sometimes with a central pale spot; costa with only a subcostal break close to junction of  $R_1$ , humeral break absent; vein Sc incomplete; crossvein bm-m present; cell cua closed. Tibiae with dorsal preapical bristle.

**Biology:** The third instar larva of *Campichoeta* was described by Hennig (1952), but the larval biology is unknown; they are probably saprophagous but this has not been confirmed. The adults are found on low vegetation in moist woodland and in open habitats.

**Nomenclature and classification:** According to Chandler (1987), who recognised Diastatidae and Campichoetidae as separate families, but some other recent authors including Mathis & Barraclough (2011) have treated them as a single family Diastatidae.

**Number of species:** CH: 3 (1998 Checklist: 3),  
AT: 3, BE: 2, CZ: 3, DE: 3, FR: 2, GB: 2, HU: 4, IT: 4, NL: 2, SK: 3, Europe: 7, World: 13.

**Level of faunistic knowledge in Switzerland:** moderate. There have been no additions to the Swiss fauna since the last checklist (Chandler & Merz 1998). Two other species are probably present. *Campichoeta grandiloba* McAlpine, 1962 is known from Greece, Hungary, Italy, Spain and the former Yugoslavia. *Euthychaeta spectabilis* (Loew, 1864) is recorded from Albania, Austria, Bosnia-Herzegovina, Bulgaria, France, Italy, Poland, Romania, Spain and Ukraine.

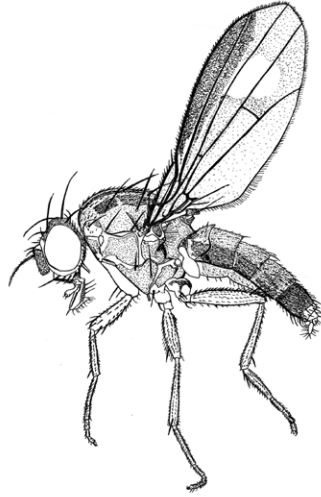
**General references:** Chandler (1987) [keys to the European species], Chandler (1998) [general account and key to genera], Mathis & Barraclough (2011) [world catalogue].

**References to the Swiss fauna:** Merz & Chandler (1998), Chandler & Merz (1998).

### Checklist

*Campichoeta* Meigen, 1835

- *griseola* (Zetterstedt, 1855) !
- *obscuripennis* (Meigen, 1830) !
- *punctum* (Meigen, 1830) !



*Campichoeta punctum*,  
male (CMPD3, p. 516).

## References

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- Chandler P.J. & Merz B. 1998. 93. Campichoetidae. In: Merz B., Bächli G., Haenni J.-P. & Gonseth Y. (eds). *Diptera - Checklist. Fauna Helvetica* 1: 303. CSCF / SEG, Neuchâtel, 369 pp.
- Hennig W. 1952. *Die Larvenformen der Dipteren* III. Akademie-Verlag, Berlin, vii + 628 pp.
- Mathis W.N. & Barraclough D.A. 2011. World catalog and conspectus on the family Diastatidae (Diptera: Schizophora). *Myia* 12: 235-266.
- Merz B. & Chandler P.J. 1998. Faunistical study of the Campichoetidae and Diastatidae from Switzerland (Diptera, Acalyprata). *Studia Dipterologica* 4(1997)(2): 495-498.