

Pediciidae

Jaroslav Starý (1998 Checklist: Jaroslav Starý & Willy Geiger)

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Diagnosis: Medium-sized to large species, with a maximum wing length of 25 mm (*Pedicia*). Characterised by pubescent eyes and spurred tibiae in combination with certain venational features, such as Sc₂ retracted before origin of Rs and four-branched media. Rostrum short, without nasus; ocelli absent; antenna with 12-17 segments; wing with two anal veins, in some cases with characteristic markings (*Pedicia*). Exceptionally, wings reduced in female, both sexes or even in male only (*Dicranota*).

Biology: The larvae are predominantly aquatic or semiaquatic, preying on oligochaetes, mites, insect larvae or other invertebrates. The larvae of the genus *Ula* are mycetophagous. In general, adults occupy similar habitats as Limoniidae, but a considerable proportion of the species are found along rapidly flowing mountain streams.

Nomenclature and classification: According to the Catalogue of the Craneflies of the World (Oosterbroek 2020).

Number of species: CH: 36 (1998 Checklist: 34), AT: 40, BE: 16, CZ: 40, DE: 37, FR: 32, GB: 20, HU: 15, IT: 37, NL: 12, Europe: 73, World: 525.

Level of faunistic knowledge in Switzerland: Good, a few other species may be discovered.

General references: Oosterbroek (2020) [catalogue].

References to the Swiss fauna: Starý & Geiger (1998), Merz et al. (2002, 2006), Bächli et al. (2014).

Checklist

Dicranota Zetterstedt, 1838

(*Dicranota* s.str.)

- *bimaculata* (Schummel, 1829) !

- *guerini* Zetterstedt, 1838 L

(*Ludicia* Hutson & Vane-Wright, 1969)

- *lucidipennis* (Edwards, 1921) !

(*Paradicranota* Alexander, 1934)

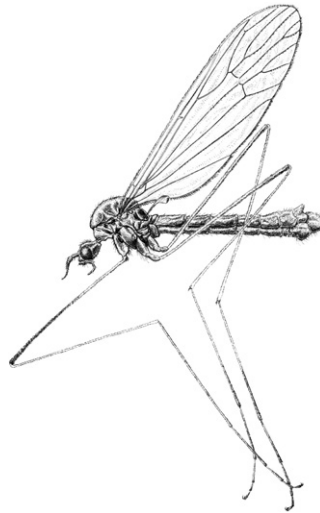
- *brevicornis* Bergroth, 1891 !

- *brevitarsis* Bergroth, 1891 !

- *candelisequa* Starý, 1981 !

- *capillata* Lackschewitz, 1940 !

- *cinerascens* Lackschewitz, 1940 !



Tricyphona immaculata,
male (CMPD1, p. 168).

- *flammatra* Starý, 1981 !
- *fuscipennis* Lackschewitz, 1940 !
- *gracilipes* Wahlgren, 1905 !
- *lackschewitziana* Mendl, 1988 !
- *landrocki* Czizek, 1931 L
- *minuta* Lackschewitz, 1940 !
- *pallens* Lackschewitz, 1940 !
- *pavida* (Haliday, 1833) !
- = *longitarsis* Bergroth, 1891
- *simulans* Lackschewitz, 1940 !
- *subtilis* Loew, 1871 !

Pedicia Latreille, 1809

(*Amalopsis* Haliday, 1856)

- *fusca* Ujvarosi & Balint, 2012 !
- *occulta* (Meigen, 1830) !

(*Crunobia* Kolenati, 1859)

- *littoralis* (Meigen, 1804) !
- *riedeli* (Lackschewitz, 1940) !
- *straminea* (Meigen, 1838) !
- *tjederi* Mendl, 1974 !

(*Pedicia* s.str.)

- *rivosa* (Linnaeus, 1758) !

Tricyphona Zetterstedt, 1837

(*Tricyphona* s.str.)

- *alpigena* (Strobl, 1909) !
- *alticola* Strobl, 1909 !
- *contraria* Bergroth, 1888 !

- *immaculata* (Meigen, 1804) !
- *livida* Madarassy, 1881 !
- *schummeli* Edwards, 1921 !
- *unicolor* (Schummel, 1829) !

Ula Haliday, 1833

(*Ula* s.str.)

- *bolitophila* Loew, 1869 !
- *mixta* Stary, 1983 !
- *mollissima* Haliday, 1833 !
- *sylvatica* (Meigen, 1818) !

References

- Bächli G., Merz B. & Haenni, J.-P. 2014. Dritter Nachtrag zur Checkliste der Diptera der Schweiz. Entomo Helvetica 7: 119-140.
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- Merz B., Bächli G. & Haenni J.-P. 2006. Zweiter Nachtrag zur Checkliste der Diptera der Schweiz. Mitteilungen der Entomologischen Gesellschaft Basel 56(4): 135-165.
- Oosterbroek P. 2020. Catalogue of the Craneflies of the World (Insecta, Diptera, Nematocera, Tipuloidea). <http://ccw.naturalis.nl> (Accessed 2 April 2020).
- Stary & Geiger. 1998. 6. Pediciidae. In: Merz B., Baechli G., Haenni J.-P. & Gonseth Y. (eds). Diptera - Checklist. Fauna Helvetica 1: 81-82. CSCF / SEG, Neuchâtel, 369 pp.