

## Limoniidae

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

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**Diagnosis:** One of the most species-rich families of Diptera. Slender flies with elongate, rather narrow wings and very long legs. Diverse in many respects including size, ranging from about 2 mm (*Tasiocera*) to over 20 mm (*Eutonia*). Diagnosed by certain peculiarities in structure of thoracic sclerites and male terminalia. Rostrum usually short and always without nasus (greatly elongate in *Elephantomyia*, less so in *Helius*); ocelli absent; antenna usually with 14-16 segments (6 segments in *Hexatoma*); wing with two anal veins, in some cases with characteristic markings. Exceptionally wings reduced in females (e.g. *Prionolabis*, some *Idioptera* and *Phylidorea*) or in both sexes (*Chionea*).

**Biology:** The larvae usually occur in water, waterlogged soil, under damp leaf mould, in decaying wood, fungi, or similar substrates. A few genera, or individual species, live in hygropetric situations and feed on algae (e.g. *Dactylolabis*). A considerable proportion of the larvae are phytosaprophagous, but some may exceptionally affect living plant tissue. Some species are mycetophagous (*Metalimnobia*), or predatory (subfamily Limnophilinae). Like their larvae, the adults are predominantly associated with moist environments and are usually found in low vegetation alongside streams, lakes and other water bodies, in swamps and marshes of various types, in damp forests, and similar habitats.

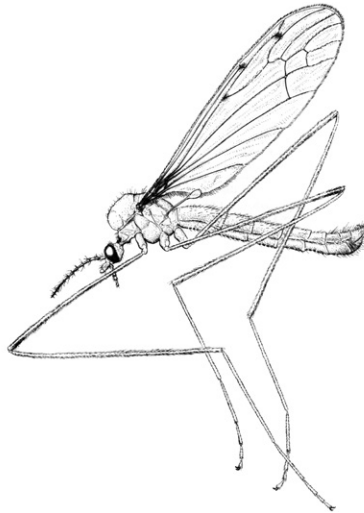
**Nomenclature and classification:** According to the Catalogue of the Craneflies of the World (Oosterbroek 2020).

**Number of species:** CH: 300 (1998 Checklist: 289),  
AT: 276, BE: 165, CZ: 300, DE: 292, FR: 269, GB: 227, HU: 162, IT: 274, NL: 153, Europe: 661,  
World: 11'087  
(Oosterbroek 2020)

**Level of faunistic knowledge in Switzerland:** Good, yet a number of species is certainly to be discovered.

**General references:** De Jong & Ciliberti (2014), Oosterbroek (2020), Podeniene & Gelhaus (2014, 2017), Starý (2006, 2007, 2011, 2019), Starý & Reusch (2009), Starý & Stubbs (2011).

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



*Limonia phragmitidis*,  
male (CMPD1, p.170).

## Checklist

### Chioneinae

*Arctoconopa* Alexander, 1955

- *melampodia* (Loew, 1873) !

*Cheilotrichia* Rossi, 1848

(*Cheilotrichia* s.str.)

- *cinerea* (Strobl, 1898) !
- *fully* Podenas & Geiger, 2000 !
- *imbuta* (Meigen, 1818) !
- *monstrosa* Bangerter, 1947 L

(*Empeda* Osten Sacken, 1869)

- *affinis* (Lackschewitz, 1927) !
- *alpina* (Strobl, 1895) !
- = *caerulea* Stary, 1987 N1
- *cinerascens* (Meigen, 1804) !
- *minima* (Strobl, 1898) !
- *neglecta* (Lackschewitz, 1927) !
- *staryi* Mendl, 1973 !

*Chionea* Dalman, 1816 N2

- *alpina* Bezzi, 1908 !
- *araneoides* Dalman, 1816 !
- *belgica* (Becker, 1912) !
- *lutescens* Lundström, 1907 !
- = *besucheti* (Bourne, 1979)

*Crypteria* Bergroth, 1913

(Crypteria s.str.)

- *limnophiloides* Bergroth, 1913 !

*Ellipteroides* Becker, 1907

(Ellipteroides s.str.)

- *lateralis* (Macquart, 1835) !
- = *pseudolateralis* Bangerter, 1947

(Protogonomyia Alexander, 1934)

- *adrastea* Starý & Mendl, 1984 !
- *alboscuteclatus* (von Roser, 1840) !
- = *ater* (Huguenin, 1888)
- *limbatus* (von Roser, 1840) !
- = *huguenini* Bangerter, 1947

*Erioconopa* Starý, 1976

- *diuturna* (Walker, 1848) !
- *symplectoides* Kuntze, 1914 !
- *trivialis* (Meigen, 1818) !

*Erioptera* Meigen, 1803

(Erioptera s.str.)

- *aletschina* Starý, 1997 !
- *divisa* (Walker, 1848) !
- *flavata* (Westhoff, 1882) !
- = *flavescens* Meigen, 1804
- = *gemina* Tjeder, 1967
- *fuscipennis* Meigen, 1818 !
- *fusculenta* Edwards, 1938 !
- *griseipennis* Meigen, 1838 !
- *limbata* Loew, 1873 L
- *lutea* Meigen, 1804 !
- *meijerei* Edwards, 1921 !
- *nielseni* de Meijere, 1921 !
- *pederi* Tjeder, 1969 !
- *sordida* Zetterstedt, 1838 !
- *verralli* Edwards, 1921 !
- = *nigripalpis* Goetghebuer in Goetghebuer & Tonnoir, 1920

*Gnophomyia* Osten Sacken, 1860

- *lugubris* (Zetterstedt, 1838) !
- = *tripudians* Bergroth, 1891
- *viridipennis* (Gimmerthal, 1847) !

*Gonempeda* Alexander, 1924

- *flava* (Schummel, 1829) !

*Gonomyia* Meigen, 1818

(Gonomyia s.str.)

- *abscondita* Lackschewitz, 1935 ! N3
- *bifida* Tonnoir in Goetghebuer & Tonnoir, 1920 !
- *conoviensis* Barnes, 1924 !

- *dentata* de Meijere, 1920 !
- *hippocampi* Stubbs & Geiger, 1993 !
- *lucidula* de Meijere, 1920 !
  - = *lobifera* Bangerter, 1947
  - = *microdentata* Bangerter, 1947
- *recta* Tonnoir in Goetghebuer & Tonnoir, 1920 !
- *securiformis* Stary, 2011 !
- *simplex* Tonnoir in Goetghebuer & Tonnoir, 1920 !
- *tenella* (Meigen, 1818) !
  - = *symmetrica* Bangerter, 1947
- (*Prolipophleps* Savchenko, 1972)
  - *abbreviata* Loew, 1873 !
  - *divergens* Bangerter, 1947 L
  - *reducta* Bangerter, 1947 !
- (*Teuchogonomyia* Alexander, 1968)
  - *edwardsi* Lackschewitz, 1925 !
  - *ithyphallus* Lackschewitz, 1935 !
- Hoplolabis* Osten Sacken, 1869
  - *idiophallus* (Savchenko, 1973) ! N4
- (*Parilisia* Savchenko & Krivolutsкая, 1976)
  - *areolata* (Siebke, 1872) !
  - *complicata* (Bangerter, 1947) !
  - *fluviatilis* (Vaillant, 1970) !
  - *mannheimsi* (Mendl, 1974) !
  - *punctigera* (Lackschewitz, 1940) !
  - *sororcula* (Lackschewitz, 1940) !
    - = *intermedia* (Bangerter, 1947)
  - *spinula* (Mendl, 1973) !
  - *subalpina* (Bangerter, 1947) !
  - *vicina* (Tonnoir in Goetghebuer & Tonnoir, 1920) !
  - *yezoana* (Alexander, 1924) !
    - = *czizeki* (Bangerter, 1947)
- Hoverioptera* Alexander, 1963
  - (*Tesserioptera* Mendl & Geiger, 1992)
    - *pilosa* Mendl & Geiger, 1992 !
- Idiocera* Dale, 1842
  - (*Euptilostena* Alexander, 1938)
    - *jucunda* (Loew, 1873) !
  - (*Idiocera* s.str.)
    - *bradleyi* (Edwards, 1939) !
    - *connexa* (Loew, 1873) !
    - *pulchripennis* (Loew, 1856) L
    - *punctata* (Edwards, 1938) L
- Ilisia* Rondani, 1856
  - *maculata* (Meigen, 1804) !
  - *occoecata* Edwards, 1936 !

*Molophilus* Curtis, 1833*(Molophilus s.str.)*

- *appendiculatus* (Staeger, 1840) !
- *armatissimus* Bangerter, 1947 !
- *ater* (Meigen, 1804) !
- *bifidus* Goetghebuer in Goetghebuer & Tonnoir, 1920 !
- *bihamatus* de Meijere, 1918 !
- *bischofi* Lackschewitz, 1940 !
- *brevihamatus* Bangerter, 1947 !
- *carstensis* Stary, 1971 !
- *cinereifrons* de Meijere, 1920 !
- *corniger* de Meijere, 1920 !
- *crassipygus* de Meijere, 1918 !
  - = *ochrescens* Edwards, 1938
- *curvatus* Tonnoir in Goetghebuer & Tonnoir, 1920 !
  - = *dentatus* Bangerter, 1947
- *flavus* Goetghebuer in Goetghebuer & Tonnoir, 1920 !
  - = *latihamatus* Bangerter, 1947
- *fluviatilis* Bangerter, 1947 !
- *griseus* (Meigen, 1804) !
- *klementi* Mendl, 1973 !
- *lackschewitzianus* Alexander, 1953 !
- *maurus* Lackschewitz, 1925 !
- *medius* de Meijere, 1918 !
- *niger* Goetghebuer in Goetghebuer & Tonnoir, 1920 L
- *nodicornis* Lackschewitz, 1935 !
- *obscurus* (Meigen, 1818) !
- *occultus* de Meijere, 1918 !
- *ochraceus* (Meigen, 1818) !
- *pleuralis* de Meijere, 1920 !
- *priapus* Lackschewitz, 1935 !
- *propinquus* (Egger, 1863) !
- *pseudopropinquus* Mendl, 1973 !
  - = *mystrophorus* Bangerter, 1947
- *pullus* Lackschewitz, 1927 L
- *repentinus* Stary, 1971 L
- *scutellatus* Goetghebuer, 1929 !
- *serpentiger* Edwards, 1938 !
- *undulatus* Tonnoir in Goetghebuer & Tonnoir, 1920 !
- *vafar* Lackschewitz, 1940 !
- *variispinus* Stary, 1971 !

*Neolimnophila* Alexander, 1920

- *bergrothi* (Kuntze, 1919) !
- *carteri* (Tonnoir in Goetghebuer & Tonnoir, 1920) !
- *placida* (Meigen, 1830) !

*Ormosia* Rondani, 1856

*(Ormosia s.str.)*

- *aciculata* Edwards, 1921 !
- *albitibia* Edwards, 1921 !
- *baldensis* Mendl, 1974 !
- *bicornis* (de Meijere, 1920) !
- *bifida* (Lackschewitz, 1940) !
- *bihamata* Lackschewitz, 1935 !  
= *armata* Bangerter, 1947
- *clavata* (Tonnoir in Goetghebuer & Tonnoir, 1920) !
- *depilata* Edwards, 1938 !
- *egena* (Bergroth, 1891) !
- *fascipennis* (Zetterstedt, 1838) !  
= *helvetica* (Loew, 1873)  
= *tephronota* (Loew, 1873)
- *hederae* (Curtis, 1835) !
- *lackschewitzi* Bangerter, 1947 L
- *lineata* (Meigen, 1804) !
- *loxia* Starý, 1983 !
- *nodulosa* (Macquart, 1826) !
- *pseudosimilis* (Lundström, 1912) !
- *rostrifera* Savchenko, 1973 !
- *ruficauda* (Zetterstedt, 1838) !
- *staegeriana* Alexander, 1953 !  
= *similis* (Staeger, 1840)

*Rhabdomastix* Skuse, 1890*(Lurdia* Starý, 2003)

- *falcata* Starý, 2003 !
- *loewi* Starý, 2003 !
- *lurida* (Loew, 1873) !
- *mendli* Starý, 2003 !

*(Rhabdomastix s.str.)*

- *eugeni* Theowald, 1973 !
- *hirticornis* (Lackschewitz, 1940) !  
= *signata* Bangerter, 1947
- *japonica* Alexander, 1924 !

*(Sacandaga* Alexander, 1911)

- *laeta* (Loew, 1873) !
- *subparva* Starý, 1971 !

*Rhypholophus* Kolenati, 1860

- *bifurcatus* Goetghebuer in Goetghebuer & Tonnoir, 1920 !
- *haemorrhoidalis* (Zetterstedt, 1838) !
- *lichtwardti* (Lackschewitz, 1935) L
- *malickyi* (Mendl, 1975) !
- *phryganopterus* Kolenati, 1860 !
- *varius* (Meigen, 1818) L

*Scleroprocta* Edwards, 1938

- *pentagonalis* (Loew, 1873) !
- *sororcula* (Zetterstedt, 1851) !

*Symplecta* Meigen, 1830

(*Psiloconopa* Zetterstedt, 1838)

- *stictica* (Meigen, 1818) !

(*Symplecta* s.str.)

- *hybrida* (Meigen, 1804) !
- = *similis* (Staeger, 1840)

(*Trimicra* Osten Sacken, 1861)

- *pilipes* (Fabricius, 1787) !

*Tasiocera* Skuse, 1890

(*Dasymolophilus* Goetghebuer in Goetghebuer & Tonnoir, 1920)

- *exigua* Savchenko, 1973 !
- *fuscescens* (Lackschewitz, 1940) !
- = *muscula* (Schmid, 1949)
- *halesus* (Schmid, 1949) L
- *murina* (Meigen, 1818) !
- = *phlebotomus* (Schmid, 1949)
- *robusta* (Bangerter, 1947) L

### Dactylolabinae

*Dactylolabis* Osten Sacken, 1860

(*Dactylolabis* s.str.)

- *denticulata* (Bergroth, 1891) !
- *sexmaculata* (Macquart, 1826) !
- *transversa* (Meigen, 1804) !

### Limnophilinae

*Adelphomyia* Bergroth, 1891

- *punctum* (Meigen, 1818) !
- = *helvetica* Bergroth, 1891

*Austrolimnophila* Alexander, 1920

(*Archilimnophila* Alexander, 1934)

- *unica* (Osten Sacken, 1869) !

(*Austrolimnophila* s.str.)

- *ochracea* (Meigen, 1804) !

*Dicranophragma* Osten Sacken, 1860

(*Brachylimnophila* Alexander, 1966)

- *adjunctum* (Walker, 1848) ! N5
- = *Neolimnomyia* (*Brachylimnophila*) *adjuncta* (Walker, 1848)
- *nemorale* (Meigen, 1818) ! N5
- = *Neolimnomyia* (*Brachylimnophila*) *nemoralis* (Meigen, 1818)
- *separatum* (Walker, 1848) !

*Eloeophila* Rondani, 1856

- *apicata* (Loew, 1871) !
- *maculata* (Meigen, 1804) !

- *miliaria* (Egger, 1863) L
- *mundata* (Loew, 1871) !
- *submarmorata* (Verrall, 1887) !
- *trimaculata* (Zetterstedt, 1838) L
- *verralli* (Bergroth, 1912) !

*Epiphragma* Osten Sacken, 1860*(Epiphragma* s.str.)

- *ocellare* (Linnaeus, 1760) !

*Euphylidorea* Alexander, 1972*(Euphylidorea* s.str.)

- *aperta* (Verrall, 1887) !
- *dispar* (Meigen, 1818) !
- *lineola* (Meigen, 1804) !
- *meigenii* (Verrall, 1887) !
- *phaeostigma* (Schummel, 1829) !

*Hexatoma* Latreille, 1809*(Eriocera* Macquart, 1838)

- *chirothecata* (Scopoli, 1763) !

*(Hexatoma* s.str.)

- *bicolor* (Meigen, 1818) !
- *longipes* (Loew, 1865) L N6

*Idioptera* Macquart, 1834

- *linnei* Oosterbroek, 1992 !
- = *fasciata* (Linnaeus, 1767)
- *pulchella* Meigen, 1830 !

*Limnophila* Macquart, 1834*(Limnophila* s.str.)

- *arnoudi* Theowald, 1971 !
- *pictipennis* (Meigen, 1818) L
- *schranksi* Oosterbroek, 1992 !
- = *punctata* (Schrank, 1781)

*Neolimnomyia* Seguy, 1937*(Neolimnomyia* s.str.)

- *batava* (Edwards, 1938) !
- *filata* (Walker, 1856) !

*Paradelphomyia* Alexander, 1936 N7

- *czizekiana* Starý, 1971 !
- *ecalcarata* (Edwards, 1938) !
- *fuscata* (Loew, 1873) !
- *senilis* (Haliday, 1833) !

*Phylidorea* Bigot, 1854*(Paraphylidorea* Savchenko, 1986)

- *fulvonervosa* (Schummel, 1829) !

*(Phylidorea* s.str.)

- *abdominalis* Staeger, 1840 !
- *ferruginea* (Meigen, 1818) !

- *heterogyna* (Bergroth, 1913) !
- *longicornis* (Schummel, 1829) !
- *squalens* (Zetterstedt, 1838) !
- Phyllolabis* Osten Sacken, 1877 N8
  - *geigeri* Podenas & Stary, 1997 !
  - *gohli* Mendl, 1976 !
  - *macroura* (Siebke, 1863) !
  - *mendli* Podenas & Stary, 1997 !
  - *pubipennis* Lackschewitz, 1940 !
- Pilaria* Sintenis, 1889
  - *discicollis* (Meigen, 1818) !
  - *fuscipennis* (Meigen, 1818) !
  - *meridiana* (Staeger, 1840) !
  - *scutellata* (Staeger, 1840) !
- Prionolabis* Osten Sacken, 1860
  - *hospes* (Egger, 1863) !
  - = *platyptera* (Macquart, 1834)
- Pseudolimnophila* Alexander, 1919  
(*Pseudolimnophila* s.str.)
  - *lucorum* (Meigen, 1818) !
  - *sepium* (Verrall, 1886) !

### Limoniinae

- Achyrolimonia* Alexander, 1965
  - *decemmaculata* (Loew, 1873) !
  - *neonebulosa* (Alexander, 1924) !
- Antocha* Osten Sacken, 1860  
(*Antocha* s.str.)
  - *vitripennis* (Meigen, 1830) !
  - = *fulvescens* Lackschewitz, 1940
- (*Orimargula* Mik, 1883)
  - *alpigena* (Mik, 1883) !
- Atypophthalmus* Brunetti, 1911  
(*Atypophthalmus* s.str.)
  - *inustus* (Meigen, 1818) !
- (*Microlimonia* Savchenko, 1976)
  - *machidai* (Alexander, 1921) !
- Dicranomyia* Stephens, 1829  
(*Dicranomyia* s.str.)
  - *aperta* Wahlgren, 1904 !
  - *autumnalis* (Staeger, 1840) !
  - *chorea* (Meigen, 1818) !
  - *conchifera* (Strobl, 1901) !
  - *didyma* (Meigen, 1804) !
  - *distendens* Lundström, 1912 !
  - *frontalis* (Staeger, 1840) !

- *fuscinota* Starý, 2009 !
- *goritiensis* (Mik, 1864) !
- *handlirschi* Lackschewitz, 1928 !
- *imbecilla* Lackschewitz, 1941 ! N9
- *incisurata* Lackschewitz, 1928 !
- *longipennis* (Schummel, 1829) !
- *lorettae* Geiger, 1985 !
- *lucida* de Meijere, 1918 !
- *mattheyi* Geiger, 1985 !
- *mitis* (Meigen, 1830) !
- *modesta* (Meigen, 1818) !
- *omissinervis* de Meijere, 1918 !
- *ornata* (Meigen, 1818) !
- *strobli* Pagast, 1941 !
- *ventralis* (Schummel, 1829) !
- (*Glochina* Meigen, 1830)
  - *bangarteri* (Mendl, 1974) !
  - *hansiana* Starý & Geiger, 1985 !
  - *kinensis* (Alexander, 1934) !
  - *pauli* Geiger, 1983 !
  - *schineriana* Lackschewitz, 1928 !
  - *sericata* (Meigen, 1830) !
  - *transsilvanica* Lackschewitz, 1928 !
  - *tristis* (Schummel, 1829) !
  - = *retroflexa* Bangerter, 1948
- (*Idiopyga* Savchenko, 1987)
  - *alpina* Bangerter, 1948 !
  - *halterella* Edwards, 1921 !
  - *lackschewitzi* Edwards, 1928 !
  - *megacauda* Alexander, 1924 !
  - *nigristigma* Nielsen, 1919 !
  - *stigmatica* (Meigen, 1830) !
- (*Melanolimonia* Alexander, 1965)
  - *caledonica* Edwards, 1926 !
  - *morio* (Fabricius, 1787) !
  - *occidua* Edwards, 1926 !
  - *rufiventris* (Strobl, 1901) !
  - *stylifera* Lackschewitz, 1928 !
- (*Numantia* Bigot, 1854)
  - *fusca* (Meigen, 1804) !
- (*Sivalimnobia* Alexander, 1963)
  - *aquosa* Verrall, 1886 !
- Dicranoptycha* Osten Sacken, 1860
  - *fuscescens* (Schummel, 1829) !
  - *livescens* Loew, 1871 !
  - *paralivescens* Starý, 1972 !

- *pseudocinerea* Starý, 1972 !
- Discobola* Osten Sacken, 1865
  - *annulata* (Linnaeus, 1758) !
  - *caesarea* (Osten Sacken, 1854) !
- Elephantomyia* Osten Sacken, 1860  
(*Elephantomyia* s.str.)
  - *edwardsi* Lackschewitz, 1932 !
  - *krivosheinae* Savchenko, 1976 !
- Elliptera* Schiner, 1863
  - *hungarica* Madarassy, 1881 !
  - *omissa* Schiner, 1863 !
- Geranomyia* Haliday, 1833
  - *caloptera* Mik, 1867 !
- Helius* Lepeletier & Serville, 1828  
(*Helius* s.str.)
  - *flavus* (Walker, 1856) !
  - *longirostris* (Meigen, 1818) !
  - *pallirostris* Edwards, 1921 !
- Limonia* Meigen, 1803
  - *albifrons* (Meigen, 1818) !
  - *flavipes* (Fabricius, 1787) !
  - *hercegovinae* (Strobl, 1898) !
  - *interjecta* Starý, 1974 !
  - *macrostigma* (Schummel, 1829) ! N10
  - *nigropunctata* (Schummel, 1829) !
  - *nubeculosa* Meigen, 1804 !
  - *phragmitidis* (Schrank, 1781) !  
= *tripunctata* (Fabricius, 1782)
  - *stigma* (Meigen, 1818) !
  - *sylvicola* (Schummel, 1829) !
  - *taurica* (Strobl, 1895) !
  - *trivittata* (Schummel, 1829) !
- Lipsothrix* Loew, 1873
  - *errans* (Walker, 1848) !
  - *nervosa* Edwards, 1938 !
  - *remota* (Walker, 1848) !
- Metalimnobia* Matsumura, 1911  
(*Metalimnobia* s.str.)
  - *bifasciata* (Schrank, 1781) !
  - *quadrimaculata* (Linnaeus, 1760) !
  - *quadrinotata* (Meigen, 1818) !
  - *zetterstedti* (Tjeder, 1968) !
- Neolimonia* Alexander, 1964
  - *dumetorum* (Meigen, 1804) !
- Orimarga* Osten Sacken, 1869  
(*Orimarga* s.str.)

- *attenuata* (Walker, 1848) !
- *juvenilis* (Zetterstedt, 1851) !
- *virgo* (Zetterstedt, 1851) !

*Rhipidia* Meigen, 1818

(*Rhipidia* s.str.)

- *ctenophora* Loew, 1871 !
- *maculata* Meigen, 1818 !
- *punctiplena* Mik, 1887 !
- *uniseriata* Schiner, 1864 !

*Thaumastoptera* Mik, 1866

(*Thaumastoptera* s.str.)

- *calceata* Mik, 1866 !

### Excluded species

*Prionolabis elapsa* (Bergroth, 1888) N11

*Dicranomyia luteipennis* Goetghebuer in Goetghebuer & Tonnoir, 1920

### Notes

- N1 *Cheilotrichia caerulea* was synonymised with *Cheilotrichia alpina* by Starý (2006).
- N2 Subgeneric classification abolished (de Jong & Ciliberti 2014).
- N3 *Gonomyia (Gonomyia) abscondita*: this species was considered as needing confirmation for Switzerland by Starý (2011), and consequently by Oosterbroek (2020). However, Dufour (pers. comm. December 2020), confirms that *Gonomyia abscondita* was correctly identified by Podenas in 1992. It was also correctly mapped (Podenas et al. 2006) from three swiss localities (Delémont (JU), Fully (Branson) (VS), and Bardonnex (Croix-de-Rozon) (GE)). The relevant material in alcohol is deposited at the MHNN.
- N4 Subgeneric name suppressed due to homonymy.
- N5 *Dicranophragma (Brachylimnophila) adjunctum* and *D. (B.) nemorale* were transferred from the genus *Neolimnomyia* by Starý & Reusch (2009).
- N6 *Hexatoma longipes*: uncertain status (Podenas et al. 2006).
- N7 Subgeneric classification abolished (Starý 2019).
- N8 After Podeniene and Gelhaus (2014, 2017), the systematic position of *Phyllolabis* has been transferred from Chioneinae to Limnophilinae.
- N9 *Dicranomyia imbecilla* was recorded in Switzerland by Starý & Stubbs (2015).
- N10 *Limonia alpicola* cited in the 1998 Checklist has to be treated as a form of *L. macrostigma* (Starý 2007).
- N11 *Prionolabis elapsa*: doubtful species (Starý 2006).

### References

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