

Agromyzidae

Miloš Černý (1998 Checklist: Michel Martinez)

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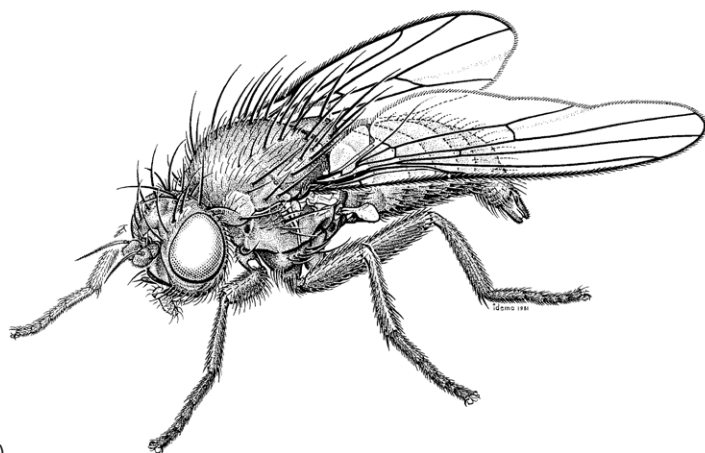
Diagnosis: The acalyptrate Diptera from the family Agromyzidae (leaf miner flies) are very small to small flies with a wing length between 0.9 mm and 6.5 mm, but usually 2-3 mm. Body often yellow or black, brown, or grey, sometimes with a metallic greenish, bluish, or coppery tinge (*Melanagromyza* spp.). Antenna with first flagellomere small, short, rounded or elongated, or with anterodorsal projection or spine and with well-developed dorsobasal arista. Eyes are broadly separated in both sexes, entirely bare, or conspicuously pilose. Vertical, ocellar and orbital setae are strong, postocellar setae divergent. Orbital setulae arranged in one or more rows, usually reclinate, or sometimes proclinate, upright or absent. Genae with a narrow cheek, rarely as deep as 0.75 of eye height, vibrissa well developed, some males in the genus *Ophiomyia* with vibrissal fasciculus. Thorax is robust, somewhat arched, scutum usually with 2-5 dorsocentral setae, acrostichal setulae present in 2-10 rows or missing entirely. Wing hyaline, with costa ending at the tip of R_{4+5} or M_{1+2} , subcosta fused with R_1 (Agromyzinae) or reduced as a separate and free-ending fold (Phytomyzinae), posterior crossvein present or sometimes absent. Abdomen tapered, composed of six visible segments, female 7th abdominal tergite and sternite fused and chitinised to form a non-retractile sheath of the ovipositor.

Biology: Larvae of all species of Agromyzidae are phytophagous and many species are leaf miners, but a relatively numerous group mine the surface or even deeper tissue layers of stems of different plants, including bushes. Some larvae develop in seeds and fruits, and several species specialise on roots or form galls on branches. Most species are monophagous or oligophagous, and only rarely polyphagous (Hering 1957, Spencer 1990, Benavent-Corai et al. 2005). Some species are known as economically important pests (Spencer 1973) but on the other hand, several species are used as biological agents for the control of certain plants.

Nomenclature and classification: The nomenclature used in the present checklist follows Fauna Europaea (Martinez 2013). The basic characteristics of the family were recently given by Papp & Černý (2015, 2016, 2017, 2020), including keys of most European species.

Number of species: CH: 406 (1998 Checklist: 140),
AT: 410, CZ: 506, DE: 588, DK: 289, ES: 299, FL: 10, FR: 389, GB: 428, HU: 477, IT: 308,
NL: 266, PL: 485, PT: 127, SK: 379, Europe: 984, World: 3246.

Level of faunistic knowledge in Switzerland: The Swiss fauna of Agromyzidae is relatively well known at the present time. The potential number of species is probably much higher, probably around 500 species.



Agromyza albipennis,
female (MND2, p.869).

General references: Benavent-Corai et al. (2005), Griffiths (1980), Hendel (1931-36), Hering (1957), Nowakowski (1973), Papp & Černý (2015, 2016, 2017, 2020), Spencer (1964, 1966b, 1973, 1976, 1990), Zlobin (1994, 1995, 2003a, 2003b, 2008).

References to the Swiss fauna: Bächli et al. (2014), Černý (2005, 2009, 2013, 2018), Černý & Bächli (2007, 2018), Černý & Merz (2005, 2006, 2007, 2012), Černý et al. (2020), Griffiths (1963, 1967, 1972, 1973, 1974, 1976a, 1976b), Hering (1932), Martinez (1998), Merz et al. (2006), Spencer (1963, 1966a). Additional references to the Swiss fauna are marked with an asterisk (*) in the « References » section below.

Checklist

Agromyzinae

Agromyza Fallén, 1810

- *abdita* L. Papp in Papp & Černý 2015 ! N1 [1]
- *abiens* Zetterstedt, 1848 !
- *albipennis* Meigen, 1830 !
- *albitarsis* Meigen, 1830 !
- *alnibetulae* Hendel, 1931 L
- *ambigua* Fallén, 1823 !
- *anderssoni* Spencer, 1976 !
- *anthracina* Meigen, 1830 !
- *audcenti* Gibbs, 2004 !
- *bicaudata* (Hendel, 1920) !
- *bromi* Spencer, 1966 !

- *cinerascens* Macquart, 1835 !
 - *conjuncta* Spencer, 1966 !
 - *drepanura* (Mamonov, 1929) !
 - *erythrocephala* Hendel, 1920 !
 - *filipendulae* Spencer, 1976 !
 - *flaviceps* Fallén, 1823 !
 - *frontella* (Rondani, 1875) !
 - *hendeli* Griffiths, 1963 !
 - *idaeiana* Hardy, 1853 !
 - *igniceps* Hendel, 1920 ! N2 [2]
 - *longiphallus* L. Papp in Papp & Černý 2015 !
 - *lucida* Hendel, 1920 !
 - *luteitarsis* (Rondani, 1875) !
 - *marionae* Griffiths, 1963 !
 - *mobilis* Meigen, 1830 !
 - *myosotidis* Kaltenbach, 1864 !
 - *nana* Meigen, 1830 !
 - *nigrella* (Rondani, 1875) !
 - *nigrescens* Hendel, 1920 !
 - = *heringi* de Meijere, 1925
 - *nigripes* Meigen, 1830 !
 - *nigrociliata* Hendel, 1931 !
 - *orobi* Hendel, 1920 L
 - *phragmitidis* Hendel, 1922 ! N3 [3]
 - *polygoni* Hering, 1941 !
 - *prespana* Spencer, 1957 !
 - *pseudoreptans* Nowakowski, 1967 !
 - *pseudorufipes* Nowakowski, 1964 !
 - *reptans* Fallén, 1823 !
 - *rondensis* Strobl, 1900 !
 - *seticercus* L. Papp in Papp & Černý 2015 !
 - *spenceri* Griffiths, 1963 !
 - *spiraeoidearum* Hering, 1954 !
 - *sulfuriceps* Strobl, 1898 !
 - *viciae* Kaltenbach, 1872 !
 - = *quadriseta* Zlobin, 2001
 - *vicifoliae* Hering, 1932 !
 - *woerzi* Groschke & Hering, 1957 !
- Hexomyza* Enderlein, 1936
- *cecidogena* (Hering, 1927) !
 - *simplicoides* (Hendel, 1920) L
- Melanagromyza* Hendel, 1920
- *aenea* (Meigen, 1830) L
 - *aeneoventris* (Fallén, 1823) !
 - *albocilia* Hendel, 1931 !
 - *astragali* Spencer, 1976 !

- *cunctans* (Meigen, 1830) !
- *eriolepidis* Spencer, 1961 !
- *eupatorii* Spencer, 1957 !
- *lappae* (Loew, 1850) !
- *nibletti* Spencer, 1957 !
- *pubescens* Hendel, 1923 !
- *sativae* Spencer, 1957 !
- *symphyti* Griffiths, 1963 ! N4 [4]
- *tripolii* Spencer, 1957 !
- *zlobini* Pakalniškis, 1996 !

Ophiomyia Braschnikov, 1897

- *aeneonitens* (Strobl, 1893) !
- *alliariae* Hering, 1954 !
- *beckeri* (Hendel, 1923) !
- *campanularum* Starý, 1930 !
- *cichorii* Hering, 1949 !
- *collini* Spencer, 1971 !
- *crispa* Guglya, 2013 ! N5
= *hungarica* Černý in Papp & Černý 2015
- *cunctata* (Hendel, 1920) !
- *curvipalpis* (Zetterstedt, 1848) !
- *eucodonus* Hering, 1960 !
- *galii* Hering, 1937 !
- *heracleivora* Spencer, 1957 !
- *heringi* Starý, 1930 !
- *inaequabilis* (Hendel, 1931) !
- *labiatarum* Hering, 1937 !
- *longilingua* (Hendel, 1920) L
- *maura* (Meigen, 1838) !
- *melandricaulis* Hering, 1943 !
- *melandryi* de Meijere, 1924 !
- *mohelensis* Černý, 1994 !
- *moravica* Černý, 1994 !
- *nasuta* (Melander, 1913) !
- *orbiculata* (Hendel, 1931) !
- *pannonica* Černý in Papp & Černý 2015 !
- *pinguis* (Fallén, 1820) !
- *pulicaria* (Meigen, 1830) !
- *rostrata* (Hendel, 1920) !
- *submaura* Hering, 1926 !
- *vanyushai* Guglya, 2014 !
- *vimmeri* Černý, 1994 !

Phytomyzinae

Amauromyza Hendel, 1931
(*Amauromyza* s.str.)

- *leonuri* Spencer, 1971 !
- (*Cephalomyza* Hendel, 1931)
 - *flavifrons* (Meigen, 1830) !
 - *gyrans* (Fallén, 1823) !
 - *karli* (Hendel, 1927) !
 - *labiatarum* (Hendel, 1920) !
 - *luteiceps* (Hendel, 1920) !
 - *mihalyii* Spencer, 1971 !
 - *monfalconensis* (Strobl, 1909) !
 - *verbasci* (Bouché, 1847) !
- Aulagromyza* Enderlein, 1936
 - *anteposita* Strobl, 1898 !
 - *buhri* (de Meijere, 1938) L
 - = *simplonensis* (Spencer, 1957)
 - *discrepans* (van der Wulp, 1871) !
 - *hendeliana* (Hering, 1926) L
 - *luteoscutellata* (de Meijere, 1924) !
 - *orphana* (Hendel, 1920) !
 - *similis* (Brischke, 1880) !
 - *trivittata* (Loew, 1873) !
- Calycomyza* Hendel, 1931
 - *artemisiae* (Kaltenbach, 1856) !
 - *humeralis* (von Roser, 1840) !
 - *solidaginis* (Kaltenbach, 1869) !
- Cerodontha* Rondani, 1861
 - (*Butomomyza* Nowakowski, 1967)
 - *angulata* (Loew, 1869) !
 - *caricivora* (Groschke, 1954) !
 - *eucaricis* Nowakowski, 1967 !
 - *falcata* Černý in Papp & Černý, 2016 !
 - *mellita* Spencer, 1971 !
 - *pseuderrans* (Hendel, 1931) !
 - *rohdendorfi* Nowakowski, 1967 !
 - *scirpi* (Karl, 1926) !
 - *staryi* (Starý, 1930) !
 - (*Cerodontha* s.str.)
 - *affinis* (Fallén, 1823) !
 - *alpestris* Martinez, 1987 !
 - *coxalis* Martinez, 1987 !
 - *denticornis* (Panzer, 1806) !
 - *flavicornis* (Egger, 1862) L
 - *fulvipes* (Meigen, 1830) !
 - *phragmitophila* Hering, 1935 !
 - *unguicornis* Hendel, 1932 !
- (*Dizygomyza* Hendel, 1920)
 - *bimaculata* (Meigen, 1830) !

- *brisiaca* Nowakowski, 1973 !
- *caricicola* (Hering, 1926) !
- *chaixiana* (Hering, 1956) !
- *crassiseta* (Strobl, 1900) !
- *fasciata* (Strobl, 1880) !
- *griffithsi* Nowakowski, 1967 !
- *handlirschi* Nowakowski, 1967 !
- *hirtae* Nowakowski, 1967 !
- *iraeos* (Robineau-Desvoidy, 1851) !
- *luctuosa* (Meigen, 1830) !
- *luzulae* (Groschke & Hering, 1957) !
- *morosa* (Meigen, 1830) !
- *silvatica* (Groschke & Hering, 1957) !
- *spinata* (Groschke, 1954) !
- *suturalis* (Hendel, 1931) !
- (*Icteromyza* Hendel, 1931)
 - *geniculata* (Fallén, 1823) !
 - *rozkosnyi* Černý, 2007 !
- (*Phytagromyza* Hendel, 1920)
 - *flavocingulata* (Strobl, 1909) !
- (*Poemyza* Hendel, 1931)
 - *alpina* Nowakowski, 1967 !
 - *atra* (Meigen, 1830) !
 - *beigeriae* Nowakowski, 1973 !
 - *calamagrostidis* Nowakowski, 1967 !
 - *imbuta* (Meigen, 1838) !
 - *incisa* (Meigen, 1830) !
 - *lateralis* (Macquart, 1835) !
 - *lyneborgi* Spencer, 1972 !
 - *morula* (Hendel, 1920) !
 - *muscina* (Meigen, 1830) !
 - *phalaridis* Nowakowski, 1967 ! N6 [5]
 - *phragmitidis* Nowakowski, 1967 !
 - *pygmaea* (Meigen, 1830) !
 - *pygmella* (Hendel, 1931) !
 - *spenceriae* Zlobin, 1993 !
 - *superciliosa* (Zetterstedt, 1860) L
 - *thunebergi* Nowakowski, 1967 !
 - *unisetiorbita* Zlobin, 1993 L N7
 - *vladimiri* Černý in Černý & Merz, 2007 !
- (*Xenophytomyza* Frey, 1946)
 - *atronitens* (Hendel, 1920) !
 - *biseta* (Hendel, 1920) !
 - *venturii* Nowakowski, 1967 !
- Chromatomyia* Hardy, 1849
 - *aizoon* (Hering, 1932) L

- *alpigenae* (Hendel, 1925) L
- *beigerae* Griffiths, 1980 !
- *ciliata* (Hendel, 1935) !
- *fuscula* (Zetterstedt, 1838) !
- *gentianae* (Hendel, 1920) L
- *gentianella* (Hendel, 1932) !
- *glacialis* (Griffiths, 1964) !
- *hoppiella* Spencer, 1990 !
- *horticola* (Goureau, 1851) !
- *isicae* (Hering, 1962) !
- *milii* (Kaltenbach, 1864) !
- *nigra* (Meigen, 1830) !
- *norwegica* (Rydén, 1957) !
- *ochracea* (Hendel, 1920) !
- *opacella* (Hendel, 1935) !
- *periclymeni* (Hendel, 1922) !
- *primulae* (Robineau-Desvoidy, 1851) !
- *pseudomilii* Griffiths, 1980 !
- *ramosa* (Hendel, 1923) !
- *rhaetica* Griffiths, 1980 !
- *saxifragae* (Hering, 1924) L
- *scolopendri* (Robineau-Desvoidy, 1851) !
- *soldanellae* (Stary, 1950) L
- *spenceriana* Griffiths, 1980 !
- *styriaca* Griffiths, 1980 !
- *succisae* (Hering, 1922) !
- *syngenesiae* Hardy, 1849 L
- *tschirnhausi* Griffiths, 1980 !
- *vernalis* (Groschke & Hering, 1957) !

Gymnophytomyza Hendel, 1936

- *heteroneura* (Hendel, 1920) !

Liriomyza Mik, 1894

- *aculeolata* Zlobin, 2003 !
- *amoena* (Meigen, 1830) !
- *approximata* (Hendel, 1920) !
- *artemisicola* de Meijere, 1924 !
- *balcanica* (Strobl, 1898) !
- *bryoniae* (Kaltenbach, 1858) !
- *buhri* Hering, 1937 !
- *centaureae* Hering, 1927 !
- *cicerina* (Rondani, 1874) !
- *congesta* (Becker, 1903) !
- = *trifolii* auct. nec Burgess, 1880
- *demejerei* Hering, 1930 !
- *dendranthema* Nowakowski, 1975 !
- *dianthicola* (Venturi, 1949) !

- *dracunculi* Hering, 1932 !
- *erucifolii* de Meijere, 1944 !
- *eupatorii* (Kaltenbach, 1873) !
- *europaea* Zlobin, 2003 !
- *flaveola* (Fallén, 1823) !
- *galiivora* (Spencer, 1969) !
 - = *Galiomyza galiivora* (Spencer, 1969)
- *globulariae* Hendel, 1931 !
- *graminivora* Hering 1949 !
- *hampsteadensis* Spencer, 1971 !
- *hieracii* (Kaltenbach, 1862) !
- *hieracivora* Spencer, 1971 !
- *huidobrensis* (Blanchard, 1926) L
- *infusata* Hering, 1926 !
- *intonsa* Spencer, 1976 !
- *lituanica* Pakalniškis, 1992 !
- *lutea* (Meigen, 1830) !
- *morio* (Brischke, 1880) !
 - = *Galiomyza morio* (Brischke, 1880)
- *murana* Černý, 2012 !
- *nietzkei* Spencer, 1973 L
- *obliqua* Hendel, 1931 !
- *occipitalis* Hendel, 1931 !
- *oldenbergi* Hering, 1933 !
- *orbona* (Meigen, 1830) !
- *pascuum* (Meigen, 1838) !
- *pedestris* Hendel, 1931 !
- *phryne* Hendel, 1931 !
- *pisivora* Hering, 1954 !
- *polygalae* Hering, 1927 !
- *pseudopygmina* (Hering, 1933) !
- *ptarmicae* de Meijere, 1925 !
- *puella* (Meigen, 1830) !
- *pusilla* (Meigen, 1830) !
- *pusio* (Meigen, 1830) !
- *richteri* Hering, 1927 !
- *solivaga* Spencer, 1971 !
- *sonchi* Hendel, 1931 !
- *soror* Hendel, 1931 !
- *strigata* (Meigen, 1830) !
- *taraxaci* Hering, 1927 !
- *taurica* Zlobin, 2003 !
- *trifolii* (Burgess in Comstock, 1880) L
- *urophorina* Mik, 1894 !
- *valerianae* Hendel, 1932 !
- *violiphaga* Hendel, 1932 L

= *Galiomyza violiphaga* (Hendel, 1932)

- *virgula* Frey, 1946 !
- *wachtlii* Hendel, 1920 !
- *yasumatsui* Sasakawa, 1972 !

Metopomyza Enderlein, 1936

- *flavonotata* (Haliday, 1833) !
- *nigriorbita* (Hendel, 1931) !
- *scutellata* (Fallén, 1823) !
- *xanthaspioides* (Frey, 1946) !
- *xanthaspis* (Loew, 1858) !

Napomyza Westwood, 1840

- *achilleanella* von Tschirnhaus, 1992 !
- *bellidis* Griffiths, 1967 !
- *carotae* Spencer, 1966 !
- *cichorii* Spencer, 1966 !
- *elegans* (Meigen, 1830) !
- *hirticornis* (Hendel, 1932) !
- *inquilina* (Kock, 1966) !
- *lateralis* (Fallén, 1823) !
- *maritima* von Tschirnhaus, 1981 !
- *merita* Zlobin, 1993 !
- *nigriceps* van der Wulp, 1871 !
- *scrophulariae* Spencer, 1966 !
- *tripolii* Spencer, 1966 !

Nemorimyza Frey, 1946

- *posticata* (Meigen, 1830) !

Phytobia Lioy, 1864

- *cambii* (Hendel, 1931) !
- *mallochi* (Hendel, 1924) !

Phytoliriomyza Hendel, 1931

- *arctica* (Lundbeck, 1901) !
- *melampyga* (Loew, 1869) !
- *perpusilla* (Meigen, 1830) !
- *pteridii* Spencer, 1973 !

Phytomyza Fallén, 1810

- *abdita* Hering, 1927 L
- *abdominalis* Zetterstedt, 1848 !
- *adenostylis* Hering, 1926 L
- *adjuncta* Hering, 1928 !
- *affinis* Fallén, 1823 !
- *agromyzina* Meigen, 1830 ! N8 [6]
- *albipennis* Fallén, 1823 !
- *alpestris* Hendel, 1920 L
- *alpina* Groschke & Hering, 1957 !
- *angelicae* Kaltenbach, 1872 !
- = *laserpitii* Hendel, 1924

- *angelicastris* Hering, 1932 !
- *angelicivora* Hering, 1924 !
- *aquilegiae* Hardy, 1849 !
- *arnicae* Hering, 1925 L
- *arnicicola* Lundquist, 1949 !
- *artemisivora* Spencer, 1971 !
- *aurei* Hering, 1931 !
- *bellidina* Hendel, 1934 !
- *bipunctata* Loew, 1858 L
- *brischkei* Hendel, 1922 !
- *buhriella* Spencer, 1969 !
- *calthivora* Hendel, 1934 !
- *calthophila* Hering, 1931 !
- *campanulae* Hendel, 1920 !
- *carlestolrai* Černý, 2007 !
- *chaerophylli* Kaltenbach, 1856 !
- *chaerophylliana* Hering, 1931 !
- *cirsii* Hendel, 1923 !
- *clematidis* Kaltenbach, 1859 !
- *coniopais* Hering, 1931 !
- *continua* Hendel, 1920 !
- *crassiseta* Zetterstedt, 1860 !
- *digitalis* Hering, 1925 L
- *erigerophila* Hering, 1927 !
- *eumorpha* Frey, 1946 !
- *evanescens* Hendel, 1920 !
- *fallaciosa* Brischke, 1880 !
- *farfarae* Hendel, 1935 !
- *ferina* Spencer, 1971 !
- *flavicornis* Fallén, 1823 !
- *flavofemorata* Strobl, 1893 !
- *glechomae* Kaltenbach, 1862 !
- *griffithsi* Spencer, 1963 !
- *gymnostoma* Loew, 1858 !
- *hendeli* Hering, 1923 !
- *heracleana* Hering, 1937 !
- *hirsuta* Spencer, 1976 !
- *homogyneae* Hering, 1927 !
- *hoppi* Hering, 1925 !
- *ilicis* Curtis, 1846 !
- *kaltenbachi* Hendel, 1922 L
 - = *atragenis* Hering, 1931
 - = *philactaea* Hering, 1932
- *krygeri* Hering, 1949 !
- *kurilensis* Iwasaki, 2000 !
- *kyffhusana* Hering, 1928 !

- *latifolii* Groschke & Hering, 1957 L
- *leucanthemi* Hering, 1935 !
- *marginella* Fallén, 1823 !
 - = *prenanthis* Hering, 1932
- *medicaginis* Hering, 1925 !
- *melana* Hendel, 1920 !
- *minuscula* Goureau, 1851 !
- *monticola* Černý, 2007 !
- *mutellinae* Beiger, 1961 !
- *mylini* Hering, 1954 !
- *narcissiflorae* Hering, 1928 L
- *nigrifemur* Hering, 1934 !
- *nigripennis* Fallén, 1823 !
- *nigritula* Zetterstedt, 1838 !
- *notata* Meigen, 1830 !
- *origani* Hering, 1931 !
- *paraciliata* (Godfray, 1985) !
- *pauliloewii* Hendel, 1920 !
- *penicilla* Hendel, 1935 L
- *petoei* Hering, 1924 !
- *picridoecis* Hering, 1957 !
- *pimpinellae* Hendel, 1924 !
- *plantaginis* Robineau-Desvoidy, 1851 !
- *platonoffi* Spencer, 1976 !
- *platystoma* (Hendel, 1920) !
- *pubicornis* Hendel, 1920 !
- *pullula* Zetterstedt, 1848 !
- *pulsatillae* Hering, 1924 L N9
 - = *hoppiana* Hering, 1931
- *ranunculi* (Schrank, 1803) !
- *ranunculicola* Hering, 1949 !
- *ranunculivora* Hering, 1932 !
- *rapunculi* Hendel, 1927 !
- *rectae* Hendel, 1924 L
- *rhabdophora* Griffiths, 1964 !
- *robustella* Hendel, 1936 !
- *rostrata* Hering, 1933 !
- *rufipes* Meigen, 1830 !
- *salviae* (Hering, 1924) !
- *sedi* Kaltenbach, 1869 !
- *sedicola* Hering, 1924 L
- *senecionis* Kaltenbach, 1869 !
- *sitchensis* Griffiths, 1973 !
- *soenderupi* Hering, 1941 !
- *solidaginis* Hendel, 1920 L
- *spondylii* Robineau-Desvoidy, 1851 !

- *tenella* Meigen, 1830 !
- *tetrasticha* Hendel, 1927 !
- *thalictri* Escher-Kündig in de Rougemont, 1912 L
- *thymi* Hering, 1928 L
- *trollii* Hering, 1930 L
- *trolliivora* Hering, 1935 !
- *varipes* Macquart, 1835 !
- *veronicicola* Hering, 1925 !
- *virgaureae* Hering, 1926 !
- *vitalbae* Kaltenbach, 1872 !
- *wahlgreni* Rydén, 1944 !
- *zarzyckii* Nowakowski, 1975 !

Pseudonapomyza Hendel, 1920

- *atra* (Meigen, 1830) !
- *balkanensis* Spencer, 1973 !
- *errata* Zlobin, 1993 !
- *eurasiatica* Zlobin, 2003 !
- *europaea* Spencer, 1973 !
- *moraviae* Černý, 1992 !
- *strobliana* Spencer, 1973 !
- *vota* Spencer, 1973 !

Selachops Wahlberg, 1844

- *flavocinctus* Wahlberg, 1844 !

Excluded species

Agromyza lyneborgi Spencer, 1976 N10

Notes

- N1 *Agromyza abdita* L. Papp in Papp & Černý 2015 is new for Switzerland.
- N2 *Agromyza igniceps* Hendel, 1920 is new for Switzerland.
- N3 *Agromyza phragmitidis* Hendel, 1922 is new for Switzerland.
- N4 *Melanagromyza symphyti* Griffiths, 1963 is new for Switzerland.
- N5 *Ophiomyia crispata* Guglya, 2013 was synonymised with *Ophiomyia hungarica* Černý in Papp & Černý, 2015 by Černý (2018).
- N6 *Cerodontha (Poemyza) phalaridis* Nowakowski, 1967 is new for Switzerland.
- N7 Hannover Rai (2013) published on Diptera.info the first record of *Cerodontha (Poemyza) unisetiorbita* Zlobin, 1993 for Switzerland from a bamboo garden near Zürich. This record was certified in Černý & Roháček (2015).
- N8 *Phytomyza agromyzina* Meigen, 1830 is new for Switzerland.
- N9 *Phytomyza hoppiana* Hering, 1931, later synonymised with *P. pulsatillae*, was described from the type locality of Zernez (GR, Switzerland).
- N10 The occurrence of *Agromyza lyneborgi* Spencer, 1976 in Switzerland was erroneously presented (Černý & Bächli 2018).

Species records

- [1] 1M, VS, Baltschieder, 17.6.1996, leg. Bernhard Merz (CGB)
- [2] 2M, VD, Cudrefin, 7.6.2019, 430 m, leg. Sophie Marti (CGB)
- [3] 2M, VD, Cudrefin, 7.6.2019, 430 m, leg. Sophie Marti (CGB)
- [4] 1M, VD, Cudrefin, 7.6.2019, 430 m, leg. Sophie Marti (CGB)

- [5] 1M, VD, Cudrefin, 7.6.2019, 430 m, leg. Sophie Marti (CGB)
 [6] 1M, ZH, Dietikon, 10.8.1982, leg. Gerhard Bächli (CGB)

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