

Annotated host catalogue for the Tachinidae (Diptera) of the Czech Republic

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An annotated host catalogue is given for the Tachinidae of the Czech Republic. It comprises 149 of 476 tachinid species which are currently known from this country (included the two new records cited below). 195 hosts are listed. The first host records of Tachinidae date back to the second half of the 19th century. The bibliography for the host records consists of 116 papers of 55 researchers. Several records of hitherto unpublished material are included. *Phryxe setifacies* and *Anthomyiopsis plagioiderae* are first records for the Czech Republic.

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1. Introduction

Tachinidae are a very large and important dipteran family of (mainly) insect parasitoids. This study provides for the first time a critical host catalogue for Tachinidae of the Czech Republic. It is based on a compilation of literature records from the Czech Republic as well as on revisions of material (see below). There was a thorough search of literature, but there is nevertheless no guarantee that every record was found by the authors, because host records of Czech Tachinidae are very scattered in many journals, sometimes only appearing as marginal footnotes.

The tachinid species are listed in their actual valid nomenclature; probable misidentifications are – if possible – tentatively corrected, but the original name is always given in parenthesis, and a comment is added in case of corrections. Wrong or most probably wrong records that cannot be corrected are set in square brackets. Possible reasons for wrong records – which are not rare in literature – are either misidentifications of the tachinid or misassociated hosts or both. Misidentifications of tachinids were frequent, especially during the 19th and early 20th century, because of the lack of true specialists of this difficult group, but they still happen today when workers in ap-

plied entomology hesitate to contact specialists. Wrong host associations easily happen in soil samples (forest litter) or in mass rearings when various hosts can be hidden among the plant material. Uncertainties in the tachinid identification can be solved when the tachinid material is still available for study, but even if a revision yields the correct identification of a tachinid, the host might nevertheless be wrong. Such cases cannot be solved, but they can be at least commented on or tentatively corrected in the light of the present-day knowledge of the host-range of the tachinid species (mainly based on revisions and compilations of European host records done by Hans-Peter Tschorsnig and the late Benno Herting).

References of the general parts (Introduction etc.) quoted below are cited in full. They can be found in the References of this paper, or if they include factual host information, they are listed in the section 5. "Host record bibliography".

1.1. Short outline of the history of host/tachinid investigations in the Czech Republic

Tachinids from the present-day Czech Republic have been studied since the first faunistic record from 1791 (Preysslter et al. 1793), but the knowledge of the diversity and especially of the hosts of this family is as incomplete as in most other European countries. The most recent information on Czech Tachinidae is given by Vaňhara et al. (2004), Tschorsnig et al. (2005), Vaňhara & Tschorsnig (2006), and Mückstein et al. (2007).

The first data on tachinid hosts originate from the second half of the 19th century when the area of the present-day Czech Republic was part of the old Austrian-Hungarian Empire (Kirchner 1861; Wachtl 1882, 1886; Gold 1893, 1895; Mik & Wachtl 1895). The rearings were first and foremost initiated by studies on parasitoids of insect pests which caused severe damage in coniferous forests during that time. Wachtl reared also many other lepidopterous hosts, but he published only a small part of it.

Brauer and Bergenstamm, both experts on Diptera, worked in the Museum at Vienna on Tachinidae at the end of the 19th century. They (Brauer & Bergenstamm 1891, 1894) also pub-

lished breeding records of Tachinidae, which they periodically received from other colleagues (e.g. R. von Stein). The material of the lepidopterist Richard Ritter von Stein (abbreviated "Rtt. v. Stein" or "R. v. Stein" in Brauer & Bergenstamm 1891, 1894) most probably originates from W Bohemia, namely Chodov (=Chodau), nr. Karlovy Vary, where von Stein lived (Koleška 1993), but possibly also from other places in Bohemia where he collected (e.g. Šumava Mts. etc.).

The Czech entomologist A. Vimmer was the only one who worked on Tachinidae of lepidopterous hosts at the beginning of the 20th century, especially soon after Czechoslovakia was established (see Vimmer 1906–1938).

Tachinids were intensively studied by forestry researchers for pest control between World Wars I and II (Kolubajiv, Komárek, Pfeffer, Růžička). One result of this period was the first parasitoid catalogue on *Lymantria monacha* of Kolubajiv & Pfeffer (1931) summarized also by Kolubajiv (1937), however with no exact information on localities. These older findings were later also used by Kudler (1954). Kolubajiv (1962) used them again, but he added additional breeding records.

At the end of the 1930s, some research was organized by foreigners to study parasitoids of European forest pests that had been introduced into Canada. Two papers on hosts in their pupal stage, which were massively exported from central European countries for purposes of biological control, were published later (Finlayson & Finlayson 1958a, 1958b). The agriculture research branch, especially of the Czech sugar industry, searched also for new ways to combat sugar-beet pests using biological control methods (Rambousek 1928, 1929). Between 1933 and 1942, D. Jacentovský recorded several hosts of tachinids in Moravia, though his papers were rather focused on faunistics with a special emphasis on practical forestry.

From the 1950s on, J. Čepelák systematically studied hosts, particularly in cooperation with M. Čapek, and some others. Although their papers were predominantly focused on Slovakia, there were also some records from the Czech Republic. Applied forestry research also brought new knowledge about the hosts of tachinids during this period (Hochmut, Kalandra, Martinek, Ur-

ban, etc.). Many records are scattered in various journals (Kletečka, Řezáč, Samšiňáková, Šámal, Weiser, Zuska, etc.).

Recently there have been attempts to systematically search for new hosts of tachinids (e.g. Mückstein et al. 2004, 2007). Our future projects will use molecular-genetic methods, which could perhaps help to explain phylogeny and possible coevolutionary interactions between Tachinidae and their hosts.

1.2. Revisionary work

Most revisionary work concerning reared Czech Tachinidae was done by the late B. Herting, who studied the old tachinid collections in NHMW during several visits in the late 1950s. The results were integrated in his book on the “Biologie der westpaläarktischen Tachinidae” from 1960. The reared material stored in NHMW was – as far as it could be found – studied again during a visit by H.-P. Tschorsnig in 1988, leading to a few corrections and additions to Herting’s results. The tachinid collection of the Forestry and Game Management Research Institute of Strnady near Prague (Výzkumný ústav lesního hospodářství a myslivosti) was revised by B. Herting between 1995 and 1997, and his unpublished list could be used for the present publication. The large collection of Wachtl was completely revised by H.-P. Tschorsnig and B. Herting during 1996 and 2002 (see Tschorsnig & Herting 2005). Hence, it is clear that B. Herting – although deceased in 2004 – must be a coauthor of the present paper. Recent material sent by several Czech dipterists (M. Barták, J. Vaňhara, P. Mückstein etc.) was revised or identified by H.-P. Tschorsnig during the last fifteen years, and material (partly of the collection Čepelák) was also revised or identified by J. Vaňhara.

2. Explanation of the layout of the lists

“Annotated parasitoid-host list” (Section 3)

- Left column: The arrangement of subfamilies, tribes and species of the tachinids mainly fol-

lows Herting & Dely-Draskovits (1993), but updated nomenclature to this relevant catalogue is listed below. Names used in the original papers are always cited in parentheses when they were different (synonyms, different combinations, emendations, misspellings or misidentifications), with an explanatory comment if necessary.

- Right column: Hosts are arranged for each tachinid in the systematic order of the “Host-parasitoid list”. The host names which were used in the original papers are cited after “-as” when they were different, followed by an explanatory comment if necessary. Wrong or presumably wrong hosts are set in square brackets “[]”.

“Host-parasitoid list” (Section 4)

- Left column: Host orders are arranged as follows: Lepidoptera, Coleoptera, Hymenoptera, Dermaptera. The arrangement and nomenclature of Lepidoptera follows Laštůvka & Liška (2005), the one for Coleoptera corresponds with Jelínek (1993), and the arrangement of the hymenopteran families, genera and species is alphabetical, their valid scientific names according to <http://www.faunaeur.org>.
- Right column: The tachinids are arranged in order of their importance for the host, the most important or specific parasitoids are mentioned first, doubtful or very uncommon hosts have an asterisk “*”, wrong or presumably wrong hosts are cited in square brackets “[]”.

“Host record bibliography” (Section 5)

- Only original records are cited, but in the case of revisions or later confirmatory studies of the same material, these papers are also mentioned. Simple citations or replications in some subsequent listings are cited only when they are of special interest. Citations of several workers from Baer (1921) are omitted because Baer’s records are not of Czech origin. The reference numbers of the “Host record bibliography” are used only in the “Annotated parasitoid-host list”.

Abbreviations

CZ	Czech Republic
HE	Herting
ident.	identification
misid.	misidentified/misidentification
new rec.	new record(s) of hitherto unpublished material
prb.	probable/probably
rev.	revised/revision (= redetermined by a specialist)
s.a.	see also (= references based on the same material, but cited because of some interest)
TS	Tschorsnig
VA	Vanhara

Acronyms of Depositories

NHMW	Naturhistorisches Museum Wien, Austria
VULH	Výzkumný ústav lesního hospodářství a myslivosti (Strnady)

Recent tachinid nomenclature [nomenclature of Herting and Dely-Draskovits (1993) in square brackets]:

- *Actia resinellae* Schrank [syn. *nudibasis* Stein] – see Andersen (1996)
- *Allophorocera* [syn. *Erycilla*] – see Tschorsnig & Richter (1998)
- *Cleonice keteli* Ziegler – not yet in Herting & Dely-Draskovits, see Ziegler (2000)
- *Hubneria* [*Huebneria*] – valid spelling according to ICZN Art. 33.3.
- *Phenicellia* [included in *Thelaira*] – see Tschorsnig & Herting (1994)
- *Phytomyptera* [syn. *Elfia*] – see Andersen (1988)
- *Pseudopachystylum goniaeoides* [*gonioides*] – valid spelling according to ICZN Art. 33.3.
- *Smidtia* [syn. *Timavia*] – see Shima (1996)

3. Annotated parasitoid-host list

Subfamily Exoristinae

Exoristini

Exorista fasciata (Fallén, 1820)
(misid. as *Eutachina larvarum*-see 2; misid. as *Exorista larvarum*-18)
(misid. as *Eutachina larvarum*-2; misid. as *Exorista larvarum*-18)

Exorista larvarum (Linnaeus, 1758) (as *Eutachina*-100; *Tachina*-105)
(as *Tachina*)
(misid. as *Microtachina erucarum* Rdi.)

(as *Tachina*)
(as *Eutachina*-2)

(as *Tachina*)
(as *Tachina*)
(as *Tachina*)
(as *Tachina*; possibly misid. = *Voria ruralis*)

(as *Eutachina*-2)
(as *Tachina*)
(as *Tachina*)

(as *Tachina*)

-*Ennomos erosarius* Denis & Schiff. (Lep. Geometridae) [6]

-*Catocala fraxini* Linnaeus (Lep. Noctuidae) [2-s.a. 18-rev. TS]

-*Calliteara fascelina* Linnaeus (Lep. Lymantriidae) [2-s.a. 18-as *Dasychira*-rev. TS; according to a note of HE labelled “Ch” = Chodov, i.e. material of R. v. Stein]

-*Zygaena ephialtes* Linnaeus (Lep. Zygaenidae) [100-s.a. 105]

-*Zygaena punctum* Ochsenheimer (Lep. Zygaenidae) [22]

-*Zygaena* sp. (Lep. Zygaenidae) [2-rev. TS]

-*Malacosoma neustria* Linnaeus (Lep. Lasiocampidae) [8]

-*Euthrix potatoria* Linnaeus (Lep. Lasiocampidae) [63]

-*Cosmotriche lobulina* Denis & Schiff. (Lep. Lasiocampidae) [87]

-*Macroglossum stellatarum* Linnaeus (Lep. Sphingidae) [105-as *Macroglossa*]

-*Nymphalis antiopa* Linnaeus (Lep. Nymphalidae) [2-as *Vanessa*-rev. 18; cited as “R. v. Stein” in 18, but this is neither indicated on the label nor in 2]

-*Argynnis paphia* Linnaeus (Lep. Nymphalidae) [105]

-*Simyra albovenosa* Goeze (Lep. Noctuidae) [106-as *Arsilonche*]

-*Catocala fraxini* Linnaeus (Lep. Noctuidae) [105]

-*Autographa gamma* Linnaeus (Lep. Noctuidae) [69 as *Plusia*]

-*Autographa jota* Linnaeus (Lep. Noctuidae) [2-as *Plusia*-rev. 18]

-*Xylena exsoleta* Linnaeus (Lep. Noctuidae) [68-as *Calocampa exoleta*]

-*Hadula trifolii* Hufnagel (Lep. Noctuidae) [68-as *Mamestra trifolii* Rott.]

-*Ceramica pisi* Linnaeus (Lep. Noctuidae) [63-as *Melanchra*]

-*Agrotis segetum* Denis & Schiff. (Lep. Noctuidae) [68]

-*Euproctis chryssorrhoea* Linnaeus (Lep. Lymantriidae) [10-as *phaeorrhoea*, 39]

- (as *Eutachina*-2)
- (as *Tachina*)
- (as *Eutachina vidua*-100; *Tachina vidua*-105)
- (as *Tachina*)
- (as *Eutachina l.* and *E. vidua*-100, both with the same rearing data; *Tachina l.* and *T. vidua*-105; possibly misid. *E. fasciata*)
- Exorista grandis*** (Zetterstedt, 1844) (as *Parasetigena segregata*; misid. =prb. *E. grandis*)
- (as *Tricholyga sorbillans*)
- (as *sorbillans* Wied.)
- (as *Tricholyga sorbillans* Wied. =prb. *E. grandis* or misid.)
- Exorista deligata*** Pandellé, 1896 (as *Tricholyga abberans* Strb.; prb. misid., species not known from CZ)
- Exorista mimula*** (Meigen, 1824) (as *Chaetotachina nigricans*-100; =misid., identity unknown)
- (as *Microtachina erucarum* Rond.; prb. misid.)
- (as *Microtachina erucarum* Rdi.-2; *erucarum* Rond.-18)
- (misid. as *Chaetotachina rustica*-2 and *Exorista rustica*-18)
- Exorista rustica*** (Fallén, 1810) (as *Tachina rustica* Mg. var. *nigricans*; prb. misid.)
- (as *Tachina*-16, 75; prb. misid. =prb. *E. larvarum*)
- (as *Chaetotachina*-2; ident. not confirmed)
- (as *Chaetotachina*-2)
- (as *Chaetotachina*-2)
- (as *Chaetotachina*-2)
- Chaetogena media*** Rondani, 1859 (as *Chaetogena*; confirmed by TS)
- Diplostichus janitrix*** (Hartig, 1838)
- Leucoma salicis* Linnaeus (Lep. Lymantriidae) [2-rev 18-as *Stilpnotia* 4-as *Stilpnotia*]
- Lymantria monacha* Linnaeus (Lep. Lymantriidae) [37-rev. HE, 73-s.a. 74, 105]
- Phragmatobia fuliginosa* Linnaeus (Lep. Arctiidae) [100-as *Spilosoma*-s.a. 105]
- Arctia caja* Linnaeus (Lep. Arctiidae) [68, 105]
- Arctia festiva* Hufnagel (Lep. Arctiidae) [100-as *hebe*-s.a. 105]
- Saturnia pavonia* Linnaeus (Lep. Saturniidae) [101-as *carpini*]
- Hyles euphorbiae* Linnaeus (Lep. Sphingidae) [39-as *Celerio*]
- Deilephila elpenor* Linnaeus (Lep. Sphingidae) [6]
- Lymantria monacha* Linnaeus (Lep. Lymantriidae) [37]
- [*Saturnia pavonia* Linnaeus (Lep. Saturniidae)] [112]
- [*Leucoma salicis* Linnaeus (Lep. Lymantriidae)] [100]
- [*Diprion pini* Linnaeus (Hym. Diprionidae)] [39]
- Cladius pectinicornis* Geoffroy (Hym. Tenthredinidae) [2-as *comari*-rev. 18]
- Pristiphora pallidiventris* Fallén (Hym. Tenthredinidae) [2-as *Nematus flavicornis* (but “*flavicomus*” on label)-rev. TS]
- [*Nymphalis polychloros* Linnaeus (Lep. Nymphalidae)] [105-as *Vanessa*]
- [*Cosmia trapezina* Linnaeus (Lep. Noctuidae)] [39-as *Calymnia*; either host or tachinid wrong]
- [*Lymantria monacha* Linnaeus (Lep. Lymantriidae)] [16, 75]
- Rhogogaster viridis* Linnaeus (Hym. Tenthredinidae) [2-as *Tenthredo scalaris*]
- Tenthredo arcuata* Forster (Hym. Tenthredinidae) [2-as *Allantus notus*-rev. 18]
- Tenthredopsis coquebertii* Klug (Hym. Tenthredinidae) [2-rev. 18]
- Tenthredopsis scutellaris* Fabricius (Hym. Tenthredinidae) [2-rev. 18-as *palmata*]
- Calophasia* sp. (Lep. Noctuidae) [5]
- Diprion pini* Linnaeus (Hym. Diprionidae) [2-as *Lophyrus*-rev. 18-as *Diprion* 14, 42, 87]
- Diprion similis* Hartig (Hym. Diprionidae) [2-as *Lophyrus*-rev. 18]
- Gilpinia frutetorum* Fabricius (Hym. Diprionidae) [2-as *Lophyrus*-rev. 18-as *Diprion*]
- Gilpinia hercyniae* Hartig (Hym. Diprionidae) [2-as *Lophyrus*]
- Gilpinia polytoma* Hartig (Hym. Diprionidae) [15-as *Diprion polytomum*]
- Gilpinia variegata* Hartig (Hym. Diprionidae) [2-as *Lophyrus variegatus*-rev. 18-as *Diprion*]
- Gilpinia virens* Klug (Hym. Diprionidae) [2-as *Lophyrus*-rev. 18-as *Diprion*]
- Parasetigena silvestris*** (Robineau-Desvoidy, 1863) (misid. as *Masicera silvatica*-16-see figures, 17; *Parasetigena segregata* or misid. *Phorocera assimilis*-37; Tachinidae sp.-44- identified in 45; *segregata*-27, 40, 45, 46, 47, 73, 74, 75, 76, 86, 104, 105)
- Lymantria monacha* Linnaeus (Lep. Lymantriidae) [16, 17, 27-s.a. 30, 32-as *Liparis*, 37-rev. HE 40, 44, 45, 46, 47, 73, 74, 75, 76, 86, 104-s.a. 105, new rec. -

- Phorocera assimilis*** (Fallén, 1810)
(as *Setigera* -100; prb. misid., identity unknown)
Phorocera obscura (Fallén, 1810) (as *caesifrons*)
(as *Chaetogena vernalis*-30, 32)
(as *Chaetogena vernalis*)
(as *caesifrons*)
(as *Setigera caesifrons*-100; *caesifrons*-105; prb. misid., identity unknown)
Bessa parallela (Meigen, 1824)
(as *selecta*; prb. misid. =prb. *parallela*)
(misid. as *selecta*-39)
(as *Ptychomyia*)
Bessa selecta (Meigen, 1824)
(as *Ptychomyia*)
(misid. as *Prosopodes fugax*)
(as *Ptychomyia*)
- Blondeliini**
Belida angelicae (Meigen, 1824) (as *Ceromasia*-26; *Aporotachina*-30)
Meigenia incana (Fallén, 1810) (prb. misid. =prb. *Meigenia uncinata*)
Meigenia mutabilis (Fallén, 1810)
(as *bisignata* Meig.; might be misid. because the typical parasitoid of *Agelastica alni* is *Meigenia uncinata*)
Zaira cinerea (Fallén, 1810) (as *Viviana*)
Medina collaris (Fallén, 1820)
Medina luctuosa (Meigen, 1824)
(prb. misid.)
(prb. misid.)
(prb. misid.; erroneously given as *Meigenia mutabilis* in the English summary)
Medina melania (Meigen, 1824) (prb. misid.)
Staurochaeta albocingulata (Fallén, 1820) (as *gracilis* Egg.-2)
Leiophora innoxia (Meigen, 1824)
(as *Hypostena*-79; *Arrhinomyia*-11)
- CZ**, Doksy Krupá + Halamky, leg. Kolubajiv?, 1948, VULH-rev. HE]
-*Malacosoma neustria* Linnaeus (Lep. Lasiocampidae) [105]
-[*Aglais urticae* Linnaeus (Lep. Nymphalidae)] [105-as *Vanessa*; questionable host]
-[*Lymantria monacha* Linnaeus (Lep. Lymantriidae)] [105; either host wrong or tachinid misid. possibly *Parasetigena silvestris*]
-[*Arctia festiva* Hufnagel (Lep. Arctiidae)] [100 – as *hebe*-s.a. 105]
-[*Malacosoma neustria* Linnaeus (Lep. Lasiocampidae)] [105; questionable host]
-[*Operophtera brumata* Linnaeus (Lep. Geometridae)] [30-s.a. 32-as *Cheimatobia*, 61]
-[*Operophtera fagata* Scharfenberg (Lep. Geometridae)] [30-as *Cheimatobia boreata*]
-[*Lymantria monacha* Linnaeus (Lep. Lymantriidae)] [74, 105; prb. either host or tachinid ident. wrong]
-[*Arctia festiva* Hufnagel (Lep. Arctiidae)] [100-as *hebe*-s.a. 105]
-[*Yponomeuta evonymella* Linnaeus (Lep. Yponomeutidae)] [87, new rec.-CZ, Žatec (=Saaz), NHMW-rev. TS]
-[*Yponomeuta padella* Linnaeus (Lep. Yponomeutidae)] [30-as *Hyponomeuta*]
-[*Tortrix viridana* Linnaeus (Lep. Tortricidae)] [39-rev. HE, new rec.-CZ, Šárka, leg. Kolubajiv?, 1944, VULH-rev. HE]
-[*Acleris ferrugana* Denis & Schiff. (Lep. Tortricidae)] [83-as *Acalla ferrugana* Tr.]
-[*Gilpinia polytoma* Hartig (Hym. Diprionidae)] [15-as *Diprion polytomum*-rev. HE (1 sp.) in VULH]
-[*Cladius pallipes* Serville (Hym. Tenthredinidae)] [2-as *Priophorus albipes*-rev. 18-as *Priophorus padi*]
-[*Hemichroa crocea* Geoffroy (Hym. Tenthredinidae)] [2-as *rufa*-rev. 18]
-[*Nematus melanaspis* Hartig (Hym. Tenthredinidae)] [88]
-[*Pristiphora erichsonii* Hartig (Hym. Tenthredinidae)] [80-as *Nematus*]
-*Arge* sp. (Hym. Argidae) [26-as *Arge berberidis* Schrk.-s.a. 30-as *Arge rosea*; the records have the same data, but the host is cited under different species names so the exact identity remains unclear]
-[*Agelastica alni* Linnaeus (Col. Chrysomelidae)] [92]
-[*Gastrophysa viridula* De Geer (Col. Chrysomelidae)] [63]
-[*Agelastica alni* Linnaeus (Col. Chrysomelidae)] [79]
-[*Zabrus tenebrioides* Goeze (Col. Carabidae)] [77-only larvae]
-[*Galerucella lineola* Fabricius (Col. Chrysomelidae)] [96]
-[*Lochmaea capreae* Linnaeus (Col. Chrysomelidae)] [new rec.-CZ, Polnička. 1996 and Bilovice n.Sv., 2006, leg. Urban, det. Čepelák, VA]
-[*Plagioderia versicolora* Laicharting (Col. Chrysomelidae)] [94; the true *Medina luctuosa* is a parasitoid of *Altica* spp., whereas *Plagioderia* is a typical host of *Medina separata*]
-[*Linaeidea aenea* Linnaeus (Col. Chrysomelidae)] [93]
-[*Gonioctena quinquepunctata* Fabricius (Col. Chrysomelidae)] [90; confirmed hosts of *M. luctuosa* are *Altica* spp.]
-[*Plagioderia versicolora* Laicharting (Col. Chrysomelidae)] [94; hosts of *Medina melania* are not yet confirmed, but *Plagioderia* is a typical host of *Medina separata*]
-[*Monoctenus juniperi* Linnaeus (Hym. Diprionidae)] [2-as *Lophyrus*-rev. 18]
-[*Agelastica alni* Linnaeus (Col. Chrysomelidae)] [79-s.a. 11; either host wrong or tachinid misid. because *L. innoxia* is a parasitoid of Tetrigidae (Orthoptera)]

Admontia grandicornis (Zetterstedt, 1849) (misid. as *Trichoparia seria* Mg.)

-*[Epinotia tedella* Clerck (Lep. Tortricidae)] [39-rev. HE; from soil samples-host must be wrong because *A. grandicornis* is a parasitoid of Tipulidae]

Blondelia inclusa (Hartig, 1838)
(as *Ceromasia*-42)
(as *Lophyromyia*-39)

-*Diprion pini* Linnaeus (Hym. Diprionidae) [42]
-*Gilpinia polytoma* Hartig (Hym. Diprionidae) [15-as *Diprion polytomum* 39-rev. HE]

Blondelia nigripes (Fallén, 1810)
(as *Lydella*)
(as *Ceromasia*)

-*Neodiprion sertifer* Geoffroy (Hym. Diprionidae) [57, 67, 98]
-*Yponomeuta evonymella* Linnaeus (Lep. Yponomeutidae) [39-as *Hyponomeuta*, new rec.-CZ, leg. Kudler, 1956, VULH-rev. HE]
-*Yponomeuta padella* Linnaeus (Lep. Yponomeutidae) [105]
-*[Paranthrene tabaniformis* Rottenburg (Lep. Sesiidae)] [39; host must be wrong]
-*Cochylimorpha hilarana* Herrich-Schäffer (Lep. Tortricidae) [110-as *Conchylis*]
-*Tortrix viridana* Linnaeus (Lep. Tortricidae) [39-rev. HE]

(as *Lydella*-37; according to an unpubl. note of HE misid. by Fahringer as *Phorocera assimilis* -81, 82)

-*Choristoneura murinana* Hübner (Lep. Tortricidae) [37-as *Cacoecia*-rev. HE, 81-s.a. 82 – as *Cacoecia*]

(as *Lydella*)

-*Pandemis cerasana* Hübner (Lep. Tortricidae) [39-as *ribeana*-rev. HE]
-*Zeiraphera griseana* Hübner (Lep. Tortricidae) [37-as *Semasia diniana*-rev. HE 65-as *Enarmonia diniana*-s.a. 66]

(as *Lydella*-41)
(as *Ceromasia*)

-*Malacosoma neustria* Linnaeus (Lep. Lasiocampidae) [8]
-*Dendrolimus pini* Linnaeus (Lep. Lasiocampidae) [41-s.a. 39]
-*Inachis io* Linnaeus (Lep. Nymphalidae) [28-as *Vanessa*]
-*Aglais urticae* Linnaeus (Lep. Nymphalidae) [25]
-*Ennomos autumnarius* Wernburg (Lep. Geometridae) [4]
-*Operophtera brumata* Linnaeus (Lep. Geometridae) [61]
-*Xylena exsoleta* Linnaeus (Lep. Noctuidae) [87]

(as *Lydella*)

-*Ceramica pisi* Linnaeus (Lep. Noctuidae) [105-as *Mamestra*]
-*Arctia caja* Linnaeus (Lep. Arctiidae) [4]
-*Gilpinia polytoma* Hartig (Hym. Diprionidae) [15-as *Diprion polytomum*]

Blondelia piniariae (Hartig, 1838)
(as *Lydella nigripes*-37, 82-prb. misid. = prb. *piniariae*; *Tachina*-58)

-*Bupalus piniarius* Linnaeus (Lep. Geometridae) [37, 58-rev. 87, 82]

Compsilura concinnata (Meigen, 1824)
(as *Chaetogena rufipalpis*-105; s. note under *Acronicta aceris*)
(as *Phorocera*)

-*Malacosoma neustria* Linnaeus (Lep. Lasiocampidae) [39-rev. HE 105]
-*Bombyx mori* Linnaeus (Lep. Bombycidae) [13-as “Seidenspinner”]

(as *Phorocera rufipalpis* Mg.-100; *Chaetogena rufipalpis*-105; s.a. note under *Acronicta aceris*)
(as *Machaira serriventris* Rd.-101)

-*Sphinx ligustri* Linnaeus (Lep. Sphingidae) [100-s.a. 105]
-*Iphiclides podalirius* Linnaeus (Lep. Papilionidae) [101-as *Papilio*-s.a. 104, 105]
-*Pieris brassicae* Linnaeus (Lep. Pieridae) [37-rev. HE 39-rev. HE 72, 105]
-*Pieris rapae* Linnaeus (Lep. Pieridae) [105]
-*Pieris napi* Linnaeus (Lep. Pieridae) [105]
-*Nymphalis antiopa* Linnaeus (Lep. Nymphalidae) [105-as *Vanessa*]
-*Inachis io* Linnaeus (Lep. Nymphalidae) [2-as *Vanessa jo*]

(as *Machaira serriventris* Rd.)
(as *Chaetogena rufipalpis*; s. note under *Acronicta aceris*)

-*Aglais urticae* Linnaeus (Lep. Nymphalidae) [105-as *Vanessa*]
-*Vanessa atalanta* Linnaeus (Lep. Nymphalidae) [105-as *Pyrameis*]
-*Araschnia levana* Linnaeus (Lep. Nymphalidae) [2-as *Vanessa*-rev. 18; “R. v. Stein” on label according to HE, 4]
-*Phalera bucephala* Linnaeus (Lep. Notodontidae) [72]
-*Acronicta psi* Linnaeus (Lep. Noctuidae) [72]

(as *Machaira serriventris* Rd.)

(as *Phorocera rufipalpis* Mg.-100; *Chaetogena rufipalpis*-105; =nomen dubium, but according to unpubl. note of HE prb. *C. concinnata*)
(as *Machaira serriventris* Rd-2)

-*Acronicta aceris* Linnaeus (Lep. Noctuidae) [100-as *Acronycta*-s.a. 105]
-*Lacanobia oleracea* Linnaeus (Lep. Noctuidae) [2-as *Mamestra*-rev. 18]
-*Calliteara pudibunda* Linnaeus (Lep. Lymantriidae) [87]

- (as *Compsilura* sp.-105)
 (as *Machaira serriventris* Rd.-2)
 (as *Machaira serriventris* Rd-2)
- Euproctis chrysorrhoea* Linnaeus (Lep. Lymantriidae) [39-rev. HE]
 -*Lymantria monacha* Linnaeus (Lep. Lymantriidae) [37, 105]
 -*Cimbex* sp. (on *Salix caprea*) (Hym. Cimbicidae) [2-as “*Cimbex axillaris*”-rev. 18]
 -*Trichiocampus grandis* Serville (Hym. Tenthredinidae) [2-as *eucera* Klg.-rev. 18-as *viminalis* Fall.]
- Acemyini**
Acemya acuticornis (Meigen, 1824) [-*Tortrix viridana* Linnaeus (Lep. Tortricidae)] [39; either tachinid or host wrong]
 [-*Rhyacionia buoliana* Denis & Schiff. (Lep. Tortricidae)] [39-as *Evetria*; either tachinid or host wrong because *A. acuticornis* is a parasitoid of Orthoptera]
- Winthemiiini**
Winthemia cruentata (Rondani, 1859)
 (as *ligustri* Stein) -*Sphinx ligustri* Linnaeus (Lep. Sphingidae) [6, 31, 39]
 (as *ligustri* Stein-6; ident. not confirmed, might also belong to *W. rufiventris* Macq.) -*Mimas tiliae* Linnaeus (Lep. Sphingidae) [6]
Winthemia quadripustulata (Fabricius, 1794)
 -*Deilephila elpenor* Linnaeus (Lep. Sphingidae) [105-as *Chaerocampa*]
 -*Zerynthia polyxena* Denis & Schiff. (Lep. Papilionidae) [105-as *Thais*]
 -*Inachis io* Linnaeus (Lep. Nymphalidae) [39]
 -*Aglais urticae* Linnaeus (Lep. Nymphalidae) [105-as *Vanessa*]
 -*Argynnis aglaja* Linnaeus (Lep. Nymphalidae) [2-rev. 18, 105]
 -*Cucullia lactucae* Denis & Schiff. (Lep. Noctuidae) [63]
 -*Cucullia umbratica* Linnaeus (Lep. Noctuidae) [2-rev. 18]
 -*Shargacucullia scrophulariae* Denis & Schiff. (Lep. Noctuidae) [105-as *Cucullia*]
 (as *Chaetolyga*-2)
 (as *Chaetolyga analis* Mcq.-2)
 (as *Chaetolyga erythrura*-100; *quadripustulata* var. *erythrura*-105; prb. misid., *W. erythrura* not known from CZ)
 (as *Chaetolyga*-2) -*Shargacucullia verbasci* Linnaeus (Lep. Noctuidae) [100-as *Cucullia*-s.a. 105]
 -*Ceramica pisi* Linnaeus (Lep. Noctuidae) [2-as *Mamestra*-rev. 18]
 -*Cerapteryx graminis* Linnaeus (Lep. Noctuidae) [84-as *Charaeas*]
- Winthemia rufiventris* (Macquart, 1849)
 (as *xanthogastra*; prb. misid., species not known from CZ) [-*Dioryctria abietella* Denis & Schiff. (Lep. Pyralidae)] [112; host impossible for a large tachinid as *Winthemia*]
Nemorilla floralis (Fallén, 1810) -*Tortrix viridana* Linnaeus (Lep. Tortricidae) [39-rev. HE]
Nemorilla maculosa (Meigen, 1824) (prb. correct) -*Choristoneura murinana* Hübner (Lep. Tortricidae) [37-rev. HE]
 -*Zeiraphera griseana* Hübner (Lep. Tortricidae) [37-as *Semasia diniana*, 65-as *Enarmonia diniana*-s.a. 66]
 -*Trachycera suavella* Zincken (Lep. Pyralidae) [87]
- Smidtia amoena* (Meigen, 1824)
 (as *Winthemia*) -*Panolis flammea* Denis & Schiff. (Lep. Noctuidae) [105-as *griseovariegata* Goetze]
- Eryciini**
Aplomya confinis (Fallén, 1820)
 (as *Exorista*) -*Aporia crataegi* Linnaeus (Lep. Pieridae) [105-questionable host]
 -*Neozephyrus quercus* Linnaeus (Lep. Lycaenidae) [4-as *Zephyrus*]
- Phebellia clavellariae* (Brauer & Bergenstamm, 1891) (as *Parexorista*-1) -*Pseudoclavellaria amerinae* Linnaeus (Hym. Cimbicidae) [1-rev. 19; the material ex “*Cimbex ariabilis*” is not from R.v.Stein, as it is erroneously indicated in 18, corrected in 19]
- Phebellia glauca* (Meigen, 1824)
 (misid. as *Parexorista glirina* Rdi.-2) -*Acrionicta tridens* Denis & Schiff. (Lep. Noctuidae) [2-as *Acronycta*-rev. 18]
Phebellia glirina (Rondani, 1859)
 (misid. as *Parexorista grossa*-2) -*Abia sericea* Linnaeus (Hym. Cimbicidae) [2-rev. 18]
Phebellia trisetata (Pandellé, 1896)
 (prb. misid., identity unknown) [-*Choristoneura murinana* Hübner (Lep. Tortricidae)] [37-as *Cacoecia*]
 -*Griposia aprilina* Linnaeus (Lep. Noctuidae) [6-as *Dichonia*]
- Nilea hortulana* (Meigen, 1824)
 (misid. as *Parexorista polychaeta* Mcq.-2)
 (as *Exorista*; prb. misid. = prb.) -*Acrionicta tridens* Denis & Schiff. (Lep. Noctuidae) [2-as *Acronycta*-rev. 18]

Myxeristops sp.)

Buquetia musca Robineau-Desvoidy,
1847 (as *Eupogona setifacies*-39;
Epicampocera setifacies-105)

Phryxe erythrostoma (Hartig, 1838) (as
Tachina-35; misid. as *vulgaris*-39)

Phryxe magnicornis (Zetterstedt, 1838)
(misid. as *vulgaris*)
(misid. as *vulgaris*)

Phryxe nemea (Meigen, 1824)

(as *Blepharidopsis*)

Phryxe prima (Brauer & Bergenstamm,
1889)

(as *Ceratochaetops*)

Phryxe semicaudata Herting, 1959

Phryxe setifacies (Villeneuve, 1910)
(misid. as *Blepharidopsis nemea*)

Phryxe vulgaris (Fallén, 1810) (possibly
misid.)

(=*vulgaris* or misid.)

(as *Blepharidea*-2)

(as *Exorista*-100)

(as *Exorista*-100, *Blepharidea*-102)

(as *Blepharidea*-2)

(as *Blepharidea*-2)

(prb. misid. =prb. *Hubneria affinis*)

(prb. misid. =prb. *Hubneria affinis*)

Periarcticlops scutellaris (Fallén, 1820)
(as *Prosopaea abbreviata*-2)

Bactromyia aurulenta (Meigen, 1824)

Pseudoperichaeta nigrolineata (Walker,
1853) (misid. as *Exorista mitis* in part-39)

(as *insidiosa* R.-D.-4, *Exorista roseanae*
B. & B.-20)

(as *P. major*)

(as *P. major*)

-[*Cephalcia abietis* Linnaeus (Hym. Pamphiliidae)] [34]

-*Papilio machaon* Linnaeus (Lep. Papilionidae) [39, 105]

-*Sphinx pinastri* Linnaeus (Lep. Sphingidae) [35, 39-as *Hyloicus* rev. HE, **new rec.-CZ**, Český Rudolec, leg. Kolubajiv?, 1934 and Psovlyk nr. Rakovník, leg. Martinek, VULH-rev. HE]

-*Zygaena laeta* Hübner (Lep. Zygaenidae) [23]

-*Tortrix viridana* Linnaeus (Lep. Tortricidae) [39-rev. HE]

-*Erannis defoliaria* Clerck (Lep. Geometridae) [37-as *Hibernia*-rev. HE]

-*Choristoneura murinana* Hübner (Lep. Tortricidae) [18-as *Cacoecia* 81-s.a. 82-rev.]

-*Pieris brassicae* Linnaeus (Lep. Pieridae) [18]

-*Neozephyrus quercus* Linnaeus (Lep. Lycaenidae) [4-as *Zephyrus*]

-*Abraxas grossulariata* Linnaeus (Lep. Geometridae) [2-rev. 18]

-*Zygaena carniolica* Scopoli (Lep. Zygaenidae) [63]

-*Zygaena punctum* Ochseneheimer (Lep. Zygaenidae) [22]

-*Thaumetopoea processionea* Linnaeus (Lep. Thaumetopoeidae) [87]

-*Zygaena angelicae* Ochseneheimer (Lep. Zygaenidae) [6-rev. VA; **first record of *Phryxe setifacies* for CZ**]

-*Yponomeuta padella* Linnaeus (Lep. Yponomeutidae) [105]

-*Malacosoma neustria* Linnaeus (Lep. Lasiocampidae) [8]

-*Lasiocampa trifolii* Denis & Schiff. (Lep. Lasiocampidae) [105-s.a. 108]

-*Deilephila porcellus* Linnaeus (Lep. Sphingidae) [105-as *Metopsilus*]

-*Aporia crataegi* Linnaeus (Lep. Pieridae) [39]

-*Pieris brassicae* Linnaeus (Lep. Pieridae) [2-rev. 18, 105]

-*Pieris napi* Linnaeus (Lep. Pieridae) [105]

-*Anthocharis cardamines* Linnaeus (Lep. Pieridae) [105-as *Euchloë*]

-*Satyrium pruni* Linnaeus (Lep. Lycaenidae) [4-as *Thecla*]

-*Nymphalis polychloros* Linnaeus (Lep. Nymphalidae) [37-as *Vanessa*-rev. HE]

-*Nymphalis xanthomelas* Denis & Schiff. (Lep. Nymphalidae) [105-as *Vanessa*]

-*Nymphalis antiopa* Linnaeus (Lep. Nymphalidae) [18-as *Vanessa*]

-*Inachis io* Linnaeus (Lep. Nymphalidae) [100-as *Vanessa*-s.a. 105, 108]

-*Aglais urticae* Linnaeus (Lep. Nymphalidae) [4-as *Vanessa*, 100-as *Vanessa*-s.a. 102, 104, 105, 108; **new rec.-CZ**, Zatec (=Saaz), NHMW-rev. TS]

-*Araschnia levana* Linnaeus (Lep. Nymphalidae) [18]

-*Issoria lathonia* Linnaeus (Lep. Nymphalidae) [2-as *Argynnis*-rev. 18]

-[*Bupalus piniarius* Linnaeus (Lep. Geometridae)] [82; questionable host]

-*Autographa gamma* Linnaeus (Lep. Noctuidae) [87-as *Plusia*]

-*Tholera cespitis* Denis & Schiff. (Lep. Noctuidae) [2-as *Neuronina*-rev. 18-as *Epineuronina*]

-*Agrotis segetum* Denis & Schiff. (Lep. Noctuidae) [70-s.a. 105, 108]

-*Orgyia antiqua* Linnaeus (Lep. Lymantriidae) [105]

-[*Parasemia plantaginis* Linnaeus (Lep. Arctiidae)] [105]

-[*Arctia caja* Linnaeus (Lep. Arctiidae)] [108]

-*Conistra rubiginea* Denis & Schiff. (Lep. Noctuidae) [2-as *Acronycta rubiginosa*-rev. 18-as *Orrhodia*]

-[*Pristiphora abietina* Christ (Hym. Tenthredinidae)] [39; either parasitoid or host must be wrong]

-*Tortrix viridana* Linnaeus (Lep. Tortricidae) [39-rev. HE, **new rec.-CZ**, Moravia, Tvrdonice, leg. F. Gregor, 1954, VULH-rev. HE]

-*Archips crataegana* Hübner (Lep. Tortricidae) [4, 20-as *Cacoecia*]

-[*Malacosoma neustria* Linnaeus (Lep. Lasiocampidae)] [39; host prb. wrong]

-[*Euproctis chrysochea* Linnaeus (Lep. Lymantriidae)] [39; host prb. wrong]

- Lydella stabulans* (Meigen, 1824) -*Hydraecia micacea* Esper (Lep. Noctuidae) [18-specimen in NHMW labelled "Saaz" (=Žatec), according to an unpublished note of HE 63]
-*Ostrinia nubilalis* Hübner (Lep. Pyralidae) [3]
- Lydella thompsoni* Herting, 1959
Cadurciella tritaeniata (Rondani, 1859) (as *Parexorista*-2, as *Chaetina*-18) -*Callophrys rubi* Linnaeus (Lep. Lycaenidae) [2-as *Thecla*-rev. 18]
Drino bohémica Mesnil, 1949 (as *Sturmia inconspicua*-rev. HE, but ident. uncertain because of the bad shape of the material) -*Gilpinia hercyniae* Hartig (Hym. Diprionidae) [37-as *Lophyrus hercyniae* Hrtg. (*polytomus* Hrtg.)]
-*Neodiprion sertifer* Geoffroy (Hym. Diprionidae) [48, 51]
- Drino gilva* (Hartig, 1838) (as *Argyrophyllax gilva* Htg.-2) -*Gilpinia pallida* Klug (Hym. Diprionidae) [2-as *Lophyrus*-rev. 18-as *Diprion*]
-*Neodiprion sertifer* Geoffroy (Hym. Diprionidae) [48, 51, 57, 67]
- Drino inconspicua* (Meigen, 1830) (as *Argyrophyllax*-39; *Sturmia bimaculata* Htg.-41) -*Dendrolimus pini* Linnaeus (Lep. Lasiocampidae) [41-rev. HE-s.a. 39]
(as *Argyrophyllax*-39; *Sturmia bimaculata* Hart.-73, 74) -*Lymantria monacha* Linnaeus (Lep. Lymantriidae) [39-rev. HE 73-s.a. 74]
(misid. as *Hemimasicerca vicina*-39) -*Diprion pini* Linnaeus (Hym. Diprionidae) [39-rev. HE 42, 87, new rec.-CZ, Zbiroh, leg. I. Hájek, 1970, VULH-rev. HE]
(as *Argyrophyllax bimaculata* Htg.-2) -*Gilpinia pallida* Klug (Hym. Diprionidae) [2-as *Lophyrus*-rev. 18-as *Diprion*]
(as *Sturmia*-59) -*Gilpinia polytoma* Hartig (Hym. Diprionidae) [15, 59-as *Diprion polytomum*]
(as *Argyrophyllax bimaculata* Htg.-2) -*Gilpinia variegata* Hartig (Hym. Diprionidae) [2-as *Lophyrus*-rev. 18-as *Diprion*]
(as *Argyrophyllax bimaculata* Htg.-2) -*Gilpinia virens* Klug (Hym. Diprionidae) [2-as *Lophyrus*-rev. 18-as *Diprion*]
(as *Argyrophyllax bimaculata* Htg.-2; *Sturmia*-37, 38) -*Neodiprion sertifer* Geoffroy (Hym. Diprionidae) [2-as *Lophyrus rufus*-rev. 18, 14, 37-s.a. 38-rev. HE 48, 51, 57, 67]
- Drino lota* (Meigen, 1824) (misid. as *Winthemia quadripustulata*-39; misid. *Ernestia radicum*-106, the figures clearly indicate *D. lota*) -*Deilephila elpenor* Linnaeus (Lep. Sphingidae) [39-as *Pergesa*-rev. HE, 106-as *Chaerocampa*]
(as *Phorcida*) -*Naenia typica* Linnaeus (Lep. Noctuidae) [6]
- Hubneria affinis* (Fallén, 1810) (as *Parexorista polycheta*-100, *Exorista polychaeta* and *E. affinis*-105, *Exorista*-108) -[*Malacosoma neustria* Linnaeus (Lep. Lasiocampidae)] [100-as *Bombyx*-s.a. 105, 108; prb. misid.]
(as *Exorista*) -[*Saturnia pavonia* Linnaeus (Lep. Saturniidae)] [105-as *carpini*; host prb. wrong]
(as *Exorista*) -[*Calliteara pudibunda* Linnaeus (Lep. Lymantriidae)] [100-as *Dasychira*-s.a. 105, 108; prb. misid.]
(as *Exorista*) -[*Lymantria dispar* Linnaeus (Lep. Lymantriidae)] [105; questionable host]
(as *Exorista*) -*Spilosoma luteum* Hufnagel (Lep. Arctiidae) [39-as *Spilarctia lubricipeda*]
(as *Exorista*) -*Spilosoma* sp. (Lep. Arctiidae) [37]
- (as *Parexorista polycheta* and *Exorista affinis*-100; *Exorista affinis* and *E. polycheta*-105; *Exorista*-108) -*Phragmatobia fuliginosa* Linnaeus (Lep. Arctiidae) [100-as *Spilosoma*-s.a. 105, 108]
(as *Parexorista polycheta*-100, 104; *Exorista affinis* and *E. polycheta*-105; *Exorista*-108) -*Arctia caja* Linnaeus (Lep. Arctiidae) [4, 39-rev. HE 63, 100-s.a. 104, 105, 108]
(as *Parexorista polycheta* Macq. and *Exorista affinis* -101; *Exorista polycheta*-105; *Exorista*-108) -*Arctia villica* Linnaeus (Lep. Arctiidae) [101-s.a. 105, 108]
(as *Exorista*-100; *Parexorista*-102; *Parexorista polycheta*-104; *Exorista*-105, 108) -*Arctia festiva* Hufnagel (Lep. Arctiidae) [100-as *hebe*-s.a. 102, 104, 105, 108]
- Carcelia atricosta* Herting, 1961 (misid. as *Sisyropa lucorum*-2 and *C. puberula*-18) -*Orgyia antiqua* Linnaeus (Lep. Lymantriidae) [2, 18-rev. 19]
(misid. as *Parexorista cheloniae*-2 and *C. puberula*-18) -[*Cimbex femoratus* Linnaeus (Hym. Cimbicidae)] [2, 18-both as *betulae* Zdd.-rev.]

- Carcelia gnava* (Meigen, 1824) (as *Sisyropa excissa*-100, *S. excissa* and *C. gnava*-104, *excissa* and *gnava*-105)
(as *excissa*; prb. misid.)

(as *Parexorista* and *Sisyropa excavata*-100; *excissa* and *gnava*-105, 108; "excissa" is a wrong synonymization of *excavata*, see 103)

(as *Parexorista*-100; prb. misid. =prb. *Carcelia lucorum*)
Carcelia iliaca (Ratzeburg, 1840)
Carcelia laxifrons Villeneuve, 1912 (misid. as *Parexorista cheloniae*-2)
Carcelia rasa (Macquart, 1849)
***Carcelia* sp.**

Senometopia excisa (Fallén, 1820) (as *Carcelia*) (as *Sisyropa excissa* -102, 104; *Carcelia*-105; might be some species of *Senometopia* or *Carcelia*)

(as *Carcelia excissa*; prb. misid. =prb. *Carcelia puberula*) (as *Carcelia excissa*; prb. misid. =prb. *Carcelia bombylans*)
Senometopia pollinosa (Mensil, 1941) (as *Carcelia obesa* Zett.) (as *Carcelia rutilla* Meig.) (as *Carcelia obesa* Zett.-6; misid. as "Nemorea erythrura" = prb. *S. pollinosa*-17; *Carcelia rutilla* Meig.-37, 82; *Exorista flavicans*-114)

Senometopia susurrans (Rondani, 1859) (as *Carcelia*; prb. misid., identity unknown)
Erycia fatua (Meigen, 1824) (prb. misid. =prb. *Allophorocera ferruginea* which is a parasitoid of Tipulidae)
Erycia festinans (Meigen, 1824) (as *Hemimasicera*; prb. misid. =prb. *Allophorocera ferruginea* which is a parasitoid of Tipulidae)
Xylotachina diluta (Meigen, 1824) (as *Lydella ambulans* Rd.)
Townsendiellomyia nidicola (Townsend, 1908)

19; host unusual for *Carcelia* and presumably wrong]

-*Malacosoma neustria* Linnaeus (Lep. Lasiocampidae) [100-as *Bombyx*, 104-as *Malacosoma* and *Bombyx*, 105]
-[*Proserpinus proserpina* Pallas (Lep. Sphingidae)] [105-as *Pterogon*, s.a. 108]
-[*Aglais urticae* Linnaeus (Lep. Nymphalidae)] [25-tachinid confirmed by TS, but host unusual for *Carcelia* and prb. wrong]

-*Calliteara pudibunda* Linnaeus (Lep. Lymantriidae) [4-as *Dasychira*, 87, 97, 100-as *Dasychira*-s.a. 104, 105, 108]
-*Leucoma salicis* Linnaeus (Lep. Lymantriidae) [new rec.-CZ, Kaplice env., leg. Kolubajiv?, 1966, VULH-rev. HE]

-[*Arctia caja* Linnaeus (Lep. Arctiidae)] [100-s.a. 104, 105, 108]
-*Thaumetopoea processionea* Linnaeus (Lep. Thaumetopoeidae) [87]

-*Leucoma salicis* Linnaeus (Lep. Lymantriidae) [2-rev. 18-as *Stilpnolia*]
-*Calliteara pudibunda* Linnaeus (Lep. Lymantriidae) [63, 87]
-[*Choristoneura murinana* Hübner (Lep. Tortricidae)] [81-s.a. 82-as *Cacoecia*; prb. wrong because *Carcelia* does not parasitize Tortricidae]

-[*Sphinx pinastri* Linnaeus (Lep. Sphingidae)] [39-as *Hyloicus*; host prb. wrong]

-[*Pheosia gnoma* Fabricius (Lep. Notodontidae)] [102-as *Notodonta dictoides* Huf.-s.a. 104, 105]

-[*Lymantria monacha* Linnaeus (Lep. Lymantriidae)] [108-as *Limantria*]

-[*Phragmatobia fuliginosa* Linnaeus (Lep. Arctiidae)] [108]

-[*Zygaena filipendulae* Linnaeus (Lep. Zygaenidae)] [6; host prb. wrong]
-[*Dendrolimus pini* Linnaeus (Lep. Lasiocampidae)] [105; host prb. wrong]

-*Bupalus piniarius* Linnaeus (Lep. Geometridae) [6, 17-as *Fidomia piniaria* 37, 82, 87, 114-rev.]

-[*Dioryctria abietella* Denis & Schiff. (Lep. Pyralidae)] [111]
-*Melitaea athalia* Rottemburg (Lep. Nymphalidae) [105]

-[*Lymantria monacha* Linnaeus (Lep. Lymantriidae)] [74]

-[*Lymantria monacha* Linnaeus (Lep. Lymantriidae)] [74]

-*Cossus cossus* Linnaeus (Lep. Cossidae) [105]

-*Euproctis chrysoorrhoea* Linnaeus (Lep. Lymantriidae) [new rec.-CZ, Damborice, leg. Kolubajiv?, 1955, VULH-rev. HE]

Goniini***Eumea linearicornis*** (Zetterstedt, 1844)

(as *Exorista westermanni* and misid. in part as *Exorista mitis* and *Blondelia nigripes*)

(misid. as *Phryxe vulgaris*)

(as *Exorista westermanni*)

(as *spernanda* Zett)

(as *Exorista westermanni* and misid. as *E. mitis* in part)

Eumea mitis (Meigen, 1824)

(as *Exorista*)

(as *Exorista*)

(as *Exorista*)

(as *Platymyia*)

(misid. as *Parexorista temera* Mg.-2)

Myxexoristops abietis Herting, 1964 (as

M. abietis and prb. misid. *M. blondeli*-49)

Myxexoristops bicolor (Villeneuve, 1908)

(as *M. bicolor*, and prb. misid. *M.*

bonsdorffi and *M. blondeli*)

Myxexoristops bonsdorffi (Zetterstedt,

1859) (misid. as *Parexorista cheloniae*

Rd.-2)

Zenillia dolosa (Meigen, 1824) (as

libatrix f. *grisella*; ident. not confirmed)

(as *libatrix* f. *grisella*; ident. not

confirmed)

Zenillia libatrix (Panzer, 1798)

(as *Exorista*; =*Z. libatrix* or misid.)

(prb. misid. =*Senometopia pollinosa*)

Clemelis pullata (Meigen, 1824)***Pales pavidata*** (Meigen, 1824)

(misid. as *Phryxe vulgaris*)

(as *Ctenophorocera*-64)

(as *Nilea*-39)

(prb. misid. of *Pales processioneae*)

(as *Nilea*-39; *Ctenophorocera*-116)

(as *Nilea*-39)

(as *Phorocera cilipeda*-2)

-*Tortrix viridana* Linnaeus (Lep. Tortricidae) [39-rev. HE]

-*Archips rosana* Linnaeus (Lep. Tortricidae) [39-as *Cacoecia*-rev. HE]

-*Pandemis cerasana* Hübner (Lep. Tortricidae) [39-as *ribeana*-rev. HE]

-*Cosmia affinis* Linnaeus (Lep. Noctuidae) [5]

-*Cosmia trapezina* Linnaeus (Lep. Noctuidae) [39-as *Calymnia*-rev. HE]

-*Megalophanes viciella* Denis & Schiff. (Lep. Psychidae) [6-as *Psyche*]

-*Archips crataegana* Hübner (Lep. Tortricidae) [20-as *Cacoecia*-s.a. 21]

-[*Dendrolimus pini* Linnaeus (Lep. Lasiocampidae)] [41-s.a. 39; questionable host]

-*Cosmia trapezina* Linnaeus (Lep. Noctuidae) [39-rev. HE]

-*Cerapteryx graminis* Linnaeus (Lep. Noctuidae) [84-as *Charaeas*]

-*Nematus oligospilus* Förster (Hym. Tenthredinidae) [2-rev. 18-as *Pteronidea oligospila*]

-*Cephalcia abietis* Linnaeus (Hym. Pamphiliidae) [49-material reared from *Cephalcia* sp., misid. by Čepelák as *M. blondeli*, was found by HE in coll. VULH, 52]

-*Cephalcia* sp. (Hym. Pamphiliidae) [52, 53]

-*Cephalcia abietis* Linnaeus (Hym. Pamphiliidae) [49; material reared from

Cephalcia sp., misid. by Čepelák as *M. bonsdorffi* and *M. blondeli*, was found by HE in coll. VULH]

-*Cephalcia alpina* Klug (Hym. Pamphiliidae) [55-as *falleni*]

-*Cephalcia arvensis* Panzer (Hym. Pamphiliidae) [54, 56]

-*Acantholyda posticalis* Matsumura (Hym. Pamphiliidae) [2-as *Lyda stellata*-rev. 18-as *A. stellata*]

-*Tortrix viridana* Linnaeus (Lep. Tortricidae) [39]

-*Euproctis chrysoorrhoea* Linnaeus (Lep. Lymantriidae) [39]

-*Pandemis cerasana* Hübner (Lep. Tortricidae) [39-as *ribeana*]

-*Malacosoma neustria* Linnaeus (Lep. Lasiocampidae) [8, 104-s.a. 105, 108]

-*Erannis defoliaria* Clerck (Lep. Geometridae) [37-as *Hibernia*]

-[*Bupalus piniarius* Linnaeus (Lep. Geometridae)] [104-s.a. 105]

-*Thaumetopoea processionea* Linnaeus (Lep. Thaumetopoeidae) [5, 87]

-*Euproctis chrysoorrhoea* Linnaeus (Lep. Lymantriidae) [39-rev HE, 104-s.a. 105, 108]

-*Lymantria dispar* Linnaeus (Lep. Lymantriidae) [87]

-*Pandemis heparana* Denis & Schiff. (Lep. Tortricidae) [6]

-*Zeiraphera griseana* Hübner (Lep. Tortricidae) [37-as *Semasia diniana*-rev. HE]

-*Eriogaster lanestris* Linnaeus (Lep. Lasiocampidae) [37-rev. HE]

-*Malacosoma neustria* Linnaeus (Lep. Lasiocampidae) [64, 104-s.a. 105, new rec.-CZ, Praha-Hrdlořezy, leg. Kolubajiv, 1937, VULH-rev. HE]

-*Dendrolimus pini* Linnaeus (Lep. Lasiocampidae) [41-s.a. 39, 87]

-*Thaumetopoea processionea* Linnaeus (Lep. Thaumetopoeidae) [5]

-*Panolis flammea* Denis & Schiff. (Lep. Noctuidae) [37-rev. HE]

-*Autographa gamma* Linnaeus (Lep. Noctuidae) [68-as *Plusia*-s.a. 69]

-*Euproctis chrysoorrhoea* Linnaeus (Lep. Lymantriidae) [4, 39, 116-as *phaeorrhoea*]

-*Leucoma salicis* Linnaeus (Lep. Lymantriidae) [26-as *Stilpnotia*-s.a. 32, 39-rev. HE, new rec.-CZ, Kaplice, leg. Kolubajiv, 1966, VULH-rev. HE]

-*Lymantria monacha* Linnaeus (Lep. Lymantriidae) [26-as *Liparis*-s.a. 27, 32]

-[*Allantus truncatus* Klug (Hym. Tenthredinidae)] [2-as *Emphytus cingillum*-rev. 18;

- tachinid confirmed by TS, but prb. wrong]
- Pales pumicata*** (Meigen, 1824) (as *Nilea*; must be misid., identity unknown) (as *Nilea*; must be misid., identity unknown) (as *Nilea*; must be misid., identity unknown)
- [*Paranthrene tabaniformis* Rottentburg (Lep. Sesiidae)] [39]
- [*Saperda carcharias* Linnaeus (Col., Cerambycidae)] [39]
- Phryno vetula*** (Meigen, 1824)
- [*Diprion pini* Linnaeus (Hym. Diprionidae)] [39]
- [*Lymantria monacha* Linnaeus (Lep. Lymantriidae)] [74-s.a. 108; questionable host]
- [*Operophtera brumata* Linnaeus (Lep. Geometridae)] [4, 61]
Bothria frontosa (Meigen, 1824)
- [*Aglais urticae* Linnaeus (Lep. Nymphalidae)] [105-as *Vanessa*; questionable because hosts of *Bothria* are Noctuidae]
- Ceromasia rubrifrons*** (Macquart, 1834) (as *florum* Macq.) (misid. as *Masicera rutila* Mg.-100; *Ceromasia (Masicera) ferruginea* Mg.= *florum* Rd.-104; *florum* Macq. and *Erycia fatua* Mg.-105)
- [*Zygaena carniolica* Scopoli (Lep. Zygaenidae)] [109]
(as *florum* Macq.; prb. misid. =prb. *Allophorocera ferruginea*)
- [*Zygaena* sp. (Lep. Zygaenidae)] [100-as *fausta*-s.a. 104, 105; *Z. fausta* is unknown from CZ, so it was prb. a misid. of some other *Zygaena*]
- [*Lymantria monacha* Linnaeus (Lep. Lymantriidae)] [37, 39, 105; hosts prb. larvae of Tipulidae in soil samples]
- Allophorocera ferruginea*** (Meigen, 1824) (misid. as *Ceromasia rutila* Mg.; = prb. *A. ferruginea* which is a parasitoid of Tipulidae)
- [*Dendrolimus pini* Linnaeus (Lep. Lasiocampidae)] [41-s.a. 39]
(as *Ceromasia ferruginea* Fall.)
- [*Lymantria monacha* Linnaeus (Lep. Lymantriidae)] [86; host prb. wrong]
- Allophorocera rufipes*** (Brauer & Bergenstamm, 1891) (as *Tachina vicinalis* Pand.; possibly misid.)
- [*Lymantria monacha* Linnaeus (Lep. Lymantriidae)] [105; host prb. wrong]
- Rhacodinella apicata*** (Pandellé, 1896)
- [*Phylodesma ilicifolia* Linnaeus (Lep. Lasiocampidae)] [63]
- Eurysthaea scutellaris*** (Robineau-Desvoidy, 1848)
- [*Tortrix viridana* Linnaeus (Lep. Tortricidae)] [new rec.-CZ, Šárka, leg. Kolubajiv?, 1946, VULH-rev. HE]
- [*Tortrix viridana* Linnaeus (Lep. Tortricidae)] [39-rev. HE]
- Elodia morio*** (Fallén, 1820)(as *Elodia tragica* and misid. *Degeeria luctuosa*)
- [*Nymphalis polychloros* Linnaeus (Lep. Nymphalidae)] [37-as *Vanessa*]
- Sturmia bella*** (Meigen, 1824)
- [*Inachis io* Linnaeus (Lep. Nymphalidae)] [4-as *Vanessa jo* 6-as *Nymphalis*-s.a. 116, 25]
- [*Aglais urticae* Linnaeus (Lep. Nymphalidae)] [4-as *Vanessa*, new rec.-CZ, Moravia, Herálec, 2003, leg., det. and coll. P. Mückstein]
- [*Vanessa atalanta* Linnaeus (Lep. Nymphalidae)] [6, new rec.-CZ, Bohemia or., Rovný env., 2003, leg., det. and coll. P. Mückstein]
- [*Phalera bucephala* Linnaeus (Lep. Notodontidae)] [4; doubtful host]
- [*Leucoma salicis* Linnaeus (Lep. Lymantriidae)] [26-as *Stilpnotia*-s.a. 32; doubtful host]
- Blepharipa pratensis*** (Meigen, 1824) (as *Blepharipoda scutellata*-39; *Sturmia scutellata*-41) (as *Sturmia scutellata*-104; *S. scutellata* and *Blepharipoda major*-105; *S. scutellata*-111; possibly misid. *Drino galii*) (as *Sturmia scutellata*; prb. misid. =prb. *Sturmia bella*) (as *Sturmia scutellata*)
- [*Dendrolimus pini* Linnaeus (Lep. Lasiocampidae)] [41-rev. HE-s.a. 39]
- [*Hyles euphorbiae* Linnaeus (Lep. Sphingidae)] [104-as *Deilephila*-s.a. 105, 111]
Masicera pavoniae (Robineau-Desvoidy, 1830) (misid. as *sylvatica*-13; *pratensis* Meig.-18, 104, 105; *Sturmia scutellata*-107 =prb. misid.)
- [*Aglais urticae* Linnaeus (Lep. Nymphalidae)] [105-as *Vanessa*]
- [*Lymantria monacha* Linnaeus (Lep. Lymantriidae)] [74, 105; questionable host]
- [*Saturnia pyri* Denis & Schiff. (Lep. Saturniidae)] [2-rev. 18; "R. v. Stein" on label]

- (as *pratensis*)
 (as *pratensis* Mg.)
Masicera silvatica (Fallén, 1810)
 (= *silvatica* or *misid.*)
- Masicera sphingivora** (Robineau-Desvoidy, 1830) (as *pratensis*-100, 104, 105; *silvatica*-103; *prb. misid.* = *prb. sphingivora*)
 (as *pratensis*; *prb. misid.* = *prb. sphingivora*)
 (as *silvatica*-105; *prb. misid.* = *prb. sphingivora*)
Prosopea nigricans (Egger, 1861) (*prb. misid.*, identity unknown)
Frontina laeta (Meigen, 1824)
- Thelymorpha marmorata** (Fabricius, 1805) (as *vertiginosa* Fl.-2, as *Histochoeta*-6, 18)
Baumhaueria goniaeformis (Meigen, 1824) (possibly *misid.*)
- Gonia capitata** (De Geer, 1776) (as *capitata* and *divisa*-105; *divisa* Mg.-68, 70; *prb. misid.* = *prb. capitata*)
Gonia picea (Robineau-Desvoidy, 1830) (as *Salmacia sicula* R.-D.)
Spallanzania hebes (Fallén, 1820) (as *Pseudogonia*-70; *Cnephalia*-105)

Subfamily Tachininae

Tachinini

- Tachina grossa** (Linnaeus, 1758)
 (as *Echinomyia*)
Tachina fera (Linnaeus, 1761) (as *Echinomyia*)
 (as *Echinomyia*-18)
 (as *Echinomyia*; = *T. fera* or *misid. T. magnicornis*)
Peleteria ferina (Zetterstedt, 1844) (as *Tachina*-100; *Echinomyia*-105)
Peleteria rubescens (Robineau-Desvoidy, 1830) (as *Pallatiera prompta* Mg.-74 = *misid. P. rubescens*; *nigricornis*-105)
- according to HE, 13, 104-s.a. 105, 107]
 -*Saturnia spini* Denis & Schiff. (Lep. Saturniidae) [104-s.a. 105]
 -*Saturnia pavonia* Linnaeus (Lep. Saturniidae) [99-as *carpini* 100-s.a. 104]
 -*Lasiocampa trifolii* Denis & Schiff. (Lep. Lasiocampidae) [105]
 -*Macrothylacia rubi* Linnaeus (Lep. Lasiocampidae) [4]
 -*Smerinthus ocellatus* Linnaeus (Lep. Sphingidae) [100-s.a. 103, 104, 105]
 -*Laotioe populi* Linnaeus (Lep. Sphingidae) [104-as *Smerinthus*-s.a. 105]
 -*Hyles euphorbiae* Linnaeus (Lep. Sphingidae) [98, 105-as *Deilephila*]
 -[*Ceramica pisi* Linnaeus (Lep. Noctuidae)] [105-as *Mamestra*]
 -*Sphinx ligustri* Linnaeus (Lep. Sphingidae) [105]
 -*Smerinthus ocellatus* Linnaeus (Lep. Sphingidae) [105-as *ocellata*]
 -*Arctia caja* Linnaeus (Lep. Arctiidae) [2-rev. 18, 6]
 -*Shargacucullia scrophulariae* Denis & Schiff. (Lep. Noctuidae) [105-as *Cucullia*]
 -*Euproctis chrysorrhoea* Linnaeus (Lep. Lymantriidae) [10-as *phaeorrhoea*]
 -*Agrotis segetum* Denis & Schiff. (Lep. Noctuidae) [68-s.a. 70, 105]
 -*Cerapteryx graminis* Linnaeus (Lep. Noctuidae) [84, 85-s.a. 116-as *Chareas*]
 -*Agrotis segetum* Denis & Schiff. (Lep. Noctuidae) [70-s.a. 105]

Nemoracini

- Nemoraea pellucida** (Meigen, 1824)
 (as *rubrica* Mg.-106; *rubica*-107)
- Colocasia coryli* Linnaeus (Lep. Noctuidae) [106-as *Demas*-s.a. 107]

Linnaemyiini

- Linnaemya comta** (Fallén, 1810) (as *Micropalpus comptus*-101, 102; *compta*-104, 105)
- [*Saturnia pavonia* Linnaeus (Lep. Saturniidae)] [101-as *carpini*-s.a. 102, 104, 105; doubtful because *Linnaemya* is not known as a parasitoid of the very commonly reared genus *Saturnia*]
 -*Agrotis* sp. (Lep. Noctuidae) [107]
- Linnaemya impudica** (Rondani, 1859)
 (as *Micropalpus impudicus*)

(as *Micropalpus impudicus*)

Linnaemya haemorrhoidalis (Fallén, 1810) (as *Micropalpus*-102)

Linnaemya picta (Meigen, 1824)

(as *Micropalpus pictus* Mg.; = *picta* or *Linnaemya* sp.)

Lypha dubia (Fallén, 1810)

Ernestiini

Ernestia rudis (Fallén, 1810) (as

Panzeria strenua Mg.; = *E. rudis* or misid.)

(as *Panzeria strenua* Mg.; = *E. rudis* or misid.)

Eurithia anthophila (Robineau-

Desvoidy, 1830) (as *Erigone radicum* Fl.-2; *Ernestia radicum* F.-18)

Eurithia connivens (Zetterstedt, 1844) (as *Ernestia*)

Eurithia consobrina (Meigen, 1824) (as

Ernestia; prb. misid., identity unknown) (as *Ernestia*)

(as *Ernestina*)

Hyalurgus tomostethi Čepelák, 1963

Cleonice callida (Meigen, 1824)

Cleonice keteli Ziegler, 2000 (misid. as *callida*)

Brachymerini

Pseudopachystylum goniaeoides

(Zetterstedt, 1838)

Pelatachinini

Pelatachina tibialis (Fallén, 1810)

(as *Hyria*)

Macquartiini

Anthomyiopsis plagioiderae Mesnil, 1972

(misid. as *A. nigrisquamata*)

Triarthriini

Triarthria setipennis (Fallén, 1810)

(as *Bigonichaeta*)

Neacerini

Phytomyptera cingulata (Robineau-

-[*Euproctis chrysorrhoea* Linnaeus (Lep. Lymantriidae)] [39; host prb. wrong]

-[*Saturnia pavonia* Linnaeus (Lep. Saturniidae)] [102-s.a. 104-as *pavoniae* and *carpini*, 105-as *carpini*; doubtful, see note under *Linnaemya comta*]

-[*Hyles euphorbiae* Linnaeus (Lep. Sphingidae)] [105-as

Deilephila; questionable because hosts of *L. picta* are Noctuidae]

-*Retinia resinella* Linnaeus (Lep. Tortricidae) [36]

-*Rhyacionia buoliana* Denis & Schiff. (Lep. Tortricidae) [50]

-*Operophtera brumata* Linnaeus (Lep. Geometridae) [61]

-[*Saturnia pyri* Denis & Schiff. (Lep. Saturniidae)] [105; host prb. wrong]

-[*Saturnia pavonia* Linnaeus (Lep. Saturniidae)] [105-as *carpini*; host prb. wrong]

-*Panolis flammea* Denis & Schiff. (Lep. Noctuidae) [37]

-[*Lymantria monacha* Linnaeus (Lep. Lymantriidae)] [37, 74, 105; ident. in part confirmed by HE, but host must be wrong because *E. rudis* failed to parasitize *L. monacha* in rearing experiments]

-*Spilosoma lubricipeda* Linnaeus (Lep. Arctiidae) [2-as *menthastri*-rev. 18]

-[*Choristoneura murinana* Hübner (Lep. Tortricidae)] [81-s.a. 82-as *Cacoecia*; tachinid ident. correct (det. Mesnil), but host too small for *Eurithia*]

-[*Eriogaster lanestris* Linnaeus (Lep. Lasiocampidae)] [37]

-*Cucullia artemisiae* Hufnagel (Lep. Noctuidae) [105]

-[*Lymantria dispar* Linnaeus (Lep. Lymantriidae)] [105; host prb. wrong]

-*Tomostethus nigrinus* Fabricius (Hym. Tenthredinidae) [9-s.a. 60]

-*Chrysomela populi* Linnaeus (Col. Chrysomelidae) [95]

-*Chrysomela vigintipunctata* Scopoli (Col. Chrysomelidae) [91-rev. TS]

-*Cephalcia arvensis* Panzer (Hym. Pamphiliidae) [54]

-*Cephalcia* sp. (Hym. Pamphiliidae) [49]

-*Nymphalis antiopa* Linnaeus (Lep. Nymphalidae) [26-as *Vanessa*-s.a. 30, 32]

-*Inachis io* Linnaeus (Lep. Nymphalidae) [26-as *Vanessa*-s.a. 30, 32]

-*Lacanobia oleracea* Linnaeus (Lep. Noctuidae) [2-as *Mamestra*; untypical host]

-[*Altica quercetorum* Foudras (Col. Chrysomelidae)] [89-rev. VA, TS; the host is unlikely because *A. plagioiderae* is known from Chrysomelidae on *Salix*, primarily *Plagioderia versicolora*; first record of *A. plagioiderae* for CZ]

-*Forficula auricularia* Linnaeus (Derm. Forficulidae) [new rec.-CZ, Žatec (=Saaz), NHMW-rev. TS]

-[*Gilpinia polytoma* Hartig (Hym. Diprionidae)] [39; host must be wrong]

Desvoidy, 1830) -Tineidae sp. (ex *Carpinus betulus*) (Lep. Tineidae) [87]
Phytomytera nigrina (Meigen, 1824) -[*Anthonomus piri* Kollar (Col. Curculionidae)] [39-as *pyri*; tachinid rev. by HE, but host must be wrong]

Graphogaster brunnescens Villeneuve, 1907 -*Acleris ferrugana* Denis & Schiff. (Lep. Tortricidae) [18]

Siphonini

Ceromya bicolor (Meigen, 1824)

(as *Actia*)

Ceromya flaviceps (Ratzeburg, 1844) (as *Actia*-6, 39)

Actia crassicornis (Meigen, 1824)

Actia resinellae (Schrank, 1781) (as *nudibasis* Stein-43)

(as *nudibasis* Stein-12, 36; misid. as *pilipennis*-39)

(as *nudibasis* St.-29, 30, 32, 36, 50; misid. as *pilipennis*-39; misid. as *Tryptocera crassicornis*-113)

Actia pilipennis (Fallén, 1810)

Siphona sp. (as *Bucentes cristata*;

cristata is prb. correct but not yet confirmed)

(as *cristata* incl. *flavifrons*-18 =prb. *cristata*)

(as *Bucentes geniculata*; prb. misid. = prb. *S. cristata*)

Leskiini

Demoticus plebejus (Fallén, 1810) (prb. misid., identity unknown)

Leskia aurea (Fallén, 1820)

-*Lasiocampa quercus* Linnaeus (Lep. Lasiocampidae) [71, 72]

-*Dendrolimus pini* Linnaeus (Lep. Lasiocampidae) [6-s.a. 39, 87]

-*Cosmotriche lobulina* Denis & Schiff. (Lep. Lasiocampidae) [87]

-*Depressaria daucella* Denis & Schiff. (Lep. Oecophoridae) [78-as *nervosa*]

-*Exoteleia dodecella* Linnaeus (Lep. Gelechiidae) [43]

-*Retinia resinella* Linnaeus (Lep. Tortricidae) [36-s.a. 12, 39-as *Evetria*-rev. HE, new rec.-CZ, no locality, 1936, VULH-rev. HE]

-*Rhyacionia buoliana* Denis & Schiff. (Lep. Tortricidae) [29-as *Evetria*-s.a. 30-as *Grapholitha* and 32-as *Evetria*, 36-s.a. 12, 39-rev. HE, 50, 113-as *Retinia*-rev. 87]

-*Tortrix viridana* Linnaeus (Lep. Tortricidae) [39-rev. HE]

-*Archips xylosteana* Linnaeus (Lep. Tortricidae) [39-as *Cacoecia*]

-*Autographa gamma* Linnaeus (Lep. Noctuidae) [69-as *Plusia*]

-*Ceramica pisi* Linnaeus (Lep. Noctuidae) [2-as *Mamestra*-rev. 18]

-*Mamestra brassicae* Linnaeus (Lep. Noctuidae) [105]

-[*Arctia festiva* Hufnagel (Lep. Arctiidae)] [105-as *hebe*]

-*Synanthedon vespiformis* Linnaeus (Lep. Sesiidae) [100-as *Sesia asiliformis*-s.a. 103-as *Sesia asiliformis* and *cynipiformis*, 105-as *Sesia* new rec.-CZ, Závist near Černá Hora, 1977 and Maršovice near Moravský Krumlov, 1993, leg. and det. Laštůvka, pers. comm.]

-*Synanthedon myopaeformis* Borkhausen (Lep. Sesiidae) [new rec.-CZ, Brno-Nový Liskovec, 2006, leg. Šefrová, det. Laštůvka, pers. comm.]

Microphthalmini

Dexiosoma caninum (Fabricius, 1781) (possibly misid. *Dexia rustica*)

-*Melolontha melolontha* Linnaeus (Col. Scarabaeidae) [39]

Subfamily Dexiinae

Dexiini

Billaea adelpha (Loew, 1873) (ident. not confirmed)

Billaea irrorata (Meigen, 1826)

(as *Phorostoma parvula* Ports.-114)

Billaea triangulifera (Zetterstedt, 1844)

(as *Gymnodexia*)

(as *Gymnodexia*)

-*Isarthron fuscum* Fabricius (Col. Cerambycidae) [82-as *Tetropium*]

-*Oberea pupillata* Gyllenhal (Col. Cerambycidae) [4, 33-s.a.]

-*Saperda populnea* Linnaeus (Col. Cerambycidae) [4, 87, 114-rev.]

-*Leiopus nebulosus* Linnaeus (Col. Cerambycidae) [4-as *Liopus*]

-*Oplosia fennica* Paykull (Col. Cerambycidae) [24]

-*Saperda octopunctata* Scopoli (Col. Cerambycidae) [7]

-[*Saperda populnea* Linnaeus (Col. Cerambycidae)] [7, 103; doubtful because the well-known parasitoid of this host is *Billaea irrorata*]

Dexia rustica (Fabricius, 1775) (as *Dixia*) -*Melolontha melolontha* Linnaeus (Col. Scarabaeidae) [115]

Voriini

- Peteina erinaceus* (Fabricius, 1794) -*Autographa gamma* Linnaeus (Lep. Noctuidae) [2-as *Plusia*-rev. 18]
Athrycia impressa (Wulp, 1869) (misid. as *Plagia ruralis*-2) -*Anarta myrtilli* Linnaeus (Lep. Noctuidae) [2-rev. 18]
Voria ruralis (Fallén, 1810) (as *Plagia*-2) -*Autographa gamma* Linnaeus (Lep. Noctuidae) [4-as *Plusia*, 105-as *Plusia*]
-*Arctia festiva* Hufnagel (Lep. Arctiidae) [2-as *hebe*-rev. 18]
Hyleorus elatus (Meigen, 1838) (as *Athrycia elata*) -*Euproctis similis* Fuessly (Lep. Lymantriidae) [6-as *Porthesia*]
Phenicellia haematodes (Meigen, 1824) (as *Phoenicella*) -*Arctia festiva* Hufnagel (Lep. Arctiidae) [6-as *hebe*]
Thelaira nigripes (Fabricius, 1794) -*Abrostola asclepiadis* Denis & Schiff. (Lep. Noctuidae) [62]
Thelaira sp. (as *leucozona* Panz.; older species identifications of *Thelaira* are unreliable) -*Laothoe populi* Linnaeus (Lep. Sphingidae) [101-as *Smerinthus*-s.a. 105]
(as *leucozona* Panz.-101; *nigripes* F.-105) -*Deilephila elpenor* Linnaeus (Lep. Sphingidae) [101, s.a. 105]
(as *leucozona* Panz.) -[*Lymantria monacha* Linnaeus (Lep. Lymantriidae)] [74, 105; questionable host]
(as *leucozona* Panz.; possibly correct in this case because the true *leucozona* is a parasitoid of *Arctia caja*) -*Arctia caja* Linnaeus (Lep. Arctiidae) [105]
Rondania dimidiata (Meigen, 1824) -[*Zeiraphera rufimitrana* Herrich-Schäffer (Lep. Tortricidae)] [87-tachinid confirmed, but host must be wrong]
(misid. as *Erynnia nitida*-rev. HE) -[*Lymantria monacha* Linnaeus (Lep. Lymantriidae)] [37-host must be wrong]
-*Liparus* sp. (Col. Curculionidae) [39-as *Molytes*]
- Dufouriini**
Microsoma exiguum (Meigen, 1824) (as *Syntomogaster exigua*) -[*Tortrix viridana* Linnaeus (Lep. Tortricidae)] [39-tachinid confirmed by HE, but host must be wrong]

4. Host-parasitoid list**Lepidoptera**

- | | | |
|---------------|-----------------------------------|---|
| Tineidae | -Tineidae g. sp. | - <i>Phytomytera cingulata</i> |
| Psychidae | - <i>Megalophanes viciella</i> | - <i>Eumea mitis</i> |
| Yponomeutidae | - <i>Yponomeuta evonymella</i> | - <i>Bessa parallela</i> , <i>Blondelia nigripes</i> |
| | - <i>Yponomeuta padella</i> | - <i>Bessa parallela</i> , <i>Blondelia nigripes</i> , * <i>Phryxe vulgaris</i> |
| Gelechiidae | - <i>Exoteleia dodecella</i> | - <i>Actia resinellae</i> |
| Oecophoridae | - <i>Depressaria daucella</i> | - <i>Actia crassicornis</i> |
| Zygaenidae | - <i>Zygaena carniolica</i> | - <i>Phryxe prima</i> , <i>Ceromasia rubrifrons</i> |
| | - <i>Zygaena epialtes</i> | - <i>Exorista larvarum</i> |
| | - <i>Zygaena angelicae</i> | - <i>Phryxe setifacies</i> |
| | - <i>Zygaena filipendulae</i> | -[<i>Senometopia pollinosa</i>] |
| | - <i>Zygaena laeta</i> | - <i>Phryxe magnicornis</i> |
| | - <i>Zygaena punctum</i> | - <i>Phryxe prima</i> , <i>Exorista larvarum</i> |
| | - <i>Zygaena</i> sp. | - <i>Ceromasia rubrifrons</i> , <i>Exorista larvarum</i> |
| Sesiidae | - <i>Paranthrene tabaniformis</i> | -[<i>Blondelia nigripes</i>], [<i>Pales pumicata</i>] |
| | - <i>Synanthedon vespiformis</i> | - <i>Leskia aurea</i> |
| | - <i>Synanthedon myopaeformis</i> | - <i>Leskia aurea</i> |
| Cossidae | - <i>Cossus cossus</i> | - <i>Xylotachina diluta</i> |
| Tortricidae | - <i>Cochylimorpha hilarana</i> | - <i>Blondelia nigripes</i> |
| | - <i>Tortrix viridana</i> | - <i>Actia pilipennis</i> , <i>Elodia morio</i> , <i>Bessa parallela</i> , <i>Nemorilla floralis</i> , <i>Blondelia nigripes</i> , <i>Eumea linearicornis</i> , <i>Pseudoperichaeta nigrolineata</i> , <i>Eurysthaea scutellaris</i> , <i>Zenillia dolosa</i> , <i>Phryxe magnicornis</i> , [<i>Acemya acuticornis</i>], [<i>Microsoma exiguum</i>] |
| | - <i>Acleris ferrugana</i> | - <i>Bessa parallela</i> , <i>Graphogaster brunnescens</i> |
| | - <i>Archips crataegana</i> | - <i>Pseudoperichaeta nigrolineata</i> , <i>Eumea mitis</i> |
| | - <i>Archips xylosteana</i> | - <i>Actia pilipennis</i> |
| | - <i>Archips rosana</i> | - <i>Eumea linearicornis</i> |

	- <i>Choristoneura murinana</i>	- <i>Nemorilla maculosa</i> , <i>Blondelia nigripes</i> , <i>Phryxe nemea</i> , [<i>Phebellia triseta</i>], [<i>Carcelia</i> sp.], [<i>Eurithia connivens</i>]
	- <i>Pandemis cerasana</i>	- <i>Eumea linearicornis</i> , <i>Zenillia libatrix</i> , <i>Blondelia nigripes</i>
	- <i>Pandemis heparana</i>	- <i>Clemelis pullata</i>
	- <i>Epinotia tedella</i>	-[<i>Admontia grandicornis</i>]
	- <i>Zeiraphera rufimitrana</i>	-[<i>Rondania dimidiata</i>]
	- <i>Zeiraphera griseana</i>	- <i>Nemorilla maculosa</i> , <i>Blondelia nigripes</i> , <i>Pales pavida</i>
	- <i>Retinia resinella</i>	- <i>Actia resinellae</i> , <i>Lypha dubia</i>
Pyralidae	- <i>Rhyacionia buoliana</i>	- <i>Actia resinellae</i> , <i>Lypha dubia</i> , [<i>Acemya acuticornis</i>]
	- <i>Dioryctria abietella</i>	-[<i>Winthemia rufiventris</i>], [<i>Senometopia susurrans</i>]
	- <i>Trachycera suavella</i>	- <i>Nemorilla maculosa</i>
	- <i>Ostrinia nubilalis</i>	- <i>Lydella thompsoni</i>
Lasiocampidae	- <i>Eriogaster lanestris</i>	- <i>Pales pavida</i> , [<i>Eurithia consobrina</i>]
	- <i>Malacosoma neustria</i>	- <i>Carcelia gnava</i> , <i>Pales pavida</i> , <i>Compsilura concinnata</i> , <i>Exorista larvarum</i> , <i>Blondelia nigripes</i> , <i>Zenillia libatrix</i> , <i>Phryxe vulgaris</i> , <i>Phorocera assimilis</i> , [<i>Phorocera obscura</i>], [<i>Pseudoperichaeta nigrolineata</i>], [<i>Hubneria affinis</i>]
	- <i>Lasiocampa trifolii</i>	- <i>Tachina grossa</i> , <i>Masicera silvatica</i> , <i>Phryxe vulgaris</i>
	- <i>Lasiocampa quercus</i>	- <i>Ceromya bicolor</i>
	- <i>Macrothylacia rubi</i>	- <i>Masicera silvatica</i>
	- <i>Dendrolimus pini</i>	- <i>Drino inconspicua</i> , <i>Blepharipa pratensis</i> , <i>Pales pavida</i> , <i>Blondelia nigripes</i> , <i>Ceromya flaviceps</i> , [<i>Senometopia pollinosa</i>], [<i>Eumea mitis</i>], [<i>Allophorocera ferruginea</i>]
	- <i>Euthrix potatoria</i>	- <i>Exorista larvarum</i>
	- <i>Cosmotriche lobulina</i>	- <i>Exorista larvarum</i> , <i>Ceromya flaviceps</i>
	- <i>Phyllodesma ilicifolia</i>	- <i>Rhacodinella apicata</i>
Bombycidae	- <i>Bombyx mori</i>	- <i>Compsilura concinnata</i>
Saturniidae	- <i>Saturnia pyri</i>	- <i>Masicera pavoniae</i> , [<i>Ernestia rudis</i>]
	- <i>Saturnia spini</i>	- <i>Masicera pavoniae</i>
	- <i>Saturnia pavonia</i>	- <i>Exorista grandis</i> , <i>Masicera pavoniae</i> , [<i>Exorista deligata</i>], [<i>Hubneria affinis</i>], [<i>Linnaemya comta</i>], [<i>Linnaemya haemorrhoidalis</i>], [<i>Ernestia rudis</i>]
Sphingidae	- <i>Sphinx ligustri</i>	- <i>Winthemia cruentata</i> , <i>Compsilura concinnata</i> , <i>Frontina laeta</i>
	- <i>Sphinx pinastri</i>	- <i>Phryxe erythrostoma</i> , [<i>Senometopia excisa</i>]
	- <i>Mimas tiliae</i>	- <i>Winthemia cruentata</i>
	- <i>Smerinthus ocellatus</i>	- <i>Frontina laeta</i> , <i>Masicera sphingivora</i>
	- <i>Laothoe populi</i>	- <i>Masicera sphingivora</i> , <i>Thelaira</i> sp.
	- <i>Macroglossum stellatarum</i>	- <i>Exorista larvarum</i>
	- <i>Proserpinus proserpina</i>	-[<i>Carcelia gnava</i>]
	- <i>Hyles euphorbiae</i>	- <i>Masicera sphingivora</i> , <i>Exorista grandis</i> , * <i>Blepharipa pratensis</i> , [<i>Linnaemya picta</i>]
	- <i>Deilephila elpenor</i>	- <i>Drino lota</i> , <i>Winthemia quadripustulata</i> , <i>Exorista grandis</i> , <i>Thelaira</i> sp.
	- <i>Deilephila porcellus</i>	- <i>Phryxe vulgaris</i>
Papilionidae	- <i>Zerynthia polyxena</i>	- <i>Winthemia quadripustulata</i>
	- <i>Iphiclydes podalirius</i>	- <i>Compsilura concinnata</i>
	- <i>Papilio machaon</i>	- <i>Buquetia musca</i>
Pieridae	- <i>Aporia crataegi</i>	- <i>Phryxe vulgaris</i> , * <i>Aplomya confinis</i>
	- <i>Pieris brassicae</i>	- <i>Compsilura concinnata</i> , <i>Phryxe vulgaris</i> , <i>Phryxe nemea</i>
	- <i>Pieris rapae</i>	- <i>Compsilura concinnata</i>
	- <i>Pieris napi</i>	- <i>Compsilura concinnata</i> , <i>Phryxe vulgaris</i>
	- <i>Anthocharis cardamines</i>	- <i>Phryxe vulgaris</i>
Lycaenidae	- <i>Neozephyrus quercus</i>	- <i>Aplomya confinis</i> , <i>Phryxe nemea</i>
	- <i>Satyrium pruni</i>	- <i>Phryxe vulgaris</i>
	- <i>Callophrys rubi</i>	- <i>Cadurciella tritaeniata</i>
Nymphalidae	- <i>Nymphalis polychloros</i>	- <i>Sturmia bella</i> , <i>Phryxe vulgaris</i> , [<i>Exorista rustica</i>]
	- <i>Nymphalis xanthomelas</i>	- <i>Phryxe vulgaris</i>
	- <i>Nymphalis antiopa</i>	- <i>Pelatachina tibialis</i> , <i>Compsilura concinnata</i> , <i>Phryxe vulgaris</i> , <i>Exorista larvarum</i>
	- <i>Inachis io</i>	- <i>Sturmia bella</i> , <i>Pelatachina tibialis</i> , <i>Compsilura concinnata</i> , <i>Phryxe</i>

	- <i>Aglais urticae</i>	<i>vulgaris</i> , <i>Winthemia quadripustulata</i> , <i>Blondelia nigripes</i>
	- <i>Vanessa atalanta</i>	- <i>Sturmia bella</i> , <i>Phryxe vulgaris</i> , <i>Compsilura concinnata</i> , <i>Blondelia nigripes</i> , <i>Winthemia quadripustulata</i> , [<i>Phorocera assimilis</i>], [<i>Carcelia gnava</i>], [<i>Bothria frontosa</i>], [<i>Blepharipa pratensis</i>]
	- <i>Araschnia levana</i>	- <i>Sturmia bella</i> , <i>Compsilura concinnata</i>
	- <i>Melitaea athalia</i>	- <i>Compsilura concinnata</i> , <i>Phryxe vulgaris</i>
	- <i>Argynnis paphia</i>	- <i>Erycia fatua</i>
	- <i>Argynnis aglaja</i>	- <i>Exorista larvarum</i>
	- <i>Issoria lathonia</i>	- <i>Winthemia quadripustulata</i>
Geometridae	- <i>Abraxas grossulariata</i>	- <i>Phryxe vulgaris</i>
	- <i>Ennomos autumnarius</i>	- <i>Phryxe nemea</i>
	- <i>Ennomos erosarius</i>	- <i>Blondelia nigripes</i>
	- <i>Erannis defoliaria</i>	- <i>Exorista fasciata</i>
	- <i>Bupalus piniarius</i>	- <i>Phryxe magnicornis</i> , <i>Zenillia libatrix</i>
	- <i>Operophtera brumata</i>	- <i>Senometopia pollinosa</i> , <i>Blondelia piniariae</i> , [<i>Phryxe vulgaris</i>], [<i>Zenillia libatrix</i>]
	- <i>Operophtera fagata</i>	- <i>Cyzenis albicans</i> , <i>Lypha dubia</i> , <i>Phorocera obscura</i> , <i>Blondelia nigripes</i>
Thaumetopoeidae	- <i>Thaumetopoea processionea</i>	- <i>Phorocera obscura</i>
Notodontidae	- <i>Pheosia gnoma</i>	- <i>Carcelia iliaca</i> , <i>Zenillia libatrix</i> , <i>Phryxe semicaudata</i> , * <i>Pales pavida</i>
	- <i>Phalera bucephala</i>	-[<i>Senometopia excisa</i>]
Noctuidae	- <i>Acronicta tridens</i>	- <i>Compsilura concinnata</i> , [<i>Sturmia bella</i>]
	- <i>Acronicta psi</i>	- <i>Nilea hortulana</i> , <i>Phebellia glauca</i>
	- <i>Acronicta aceris</i>	- <i>Compsilura concinnata</i>
	- <i>Simyra albovenosa</i>	- <i>Compsilura concinnata</i>
	- <i>Catocala fraxini</i>	- <i>Exorista larvarum</i>
	- <i>Autographa gamma</i>	- <i>Exorista fasciata</i> , <i>Exorista larvarum</i>
	- <i>Autographa jota</i>	- <i>Voria ruralis</i> , <i>Phryxe vulgaris</i> , <i>Pales pavida</i> , <i>Peteina erinaceus</i> , <i>Siphona</i> sp., * <i>Exorista larvarum</i>
	- <i>Abrostola asclepiadis</i>	- <i>Exorista larvarum</i>
	- <i>Cucullia artemisiae</i>	- <i>Thelaira nigripes</i>
	- <i>Cucullia lactucae</i>	- <i>Eurithia consobrina</i>
	- <i>Cucullia umbratica</i>	- <i>Winthemia quadripustulata</i>
	- <i>Shargacucullia scrophulariae</i>	- <i>Winthemia quadripustulata</i>
	- <i>Shargacucullia verbasci</i>	- <i>Winthemia quadripustulata</i> , * <i>Baumhaueria goniaeformis</i>
	- <i>Calophasia</i> sp.	- <i>Winthemia quadripustulata</i>
	- <i>Colocasia coryli</i>	- <i>Chetogena media</i>
	- <i>Cosmia affinis</i>	- <i>Nemoraea pellucida</i>
	- <i>Cosmia trapezina</i>	- <i>Eumea linearicornis</i>
	- <i>Conistra rubiginea</i>	- <i>Eumea linearicornis</i> , <i>Eumea mitis</i> , [<i>Exorista rustica</i>]
	- <i>Lithomoia solidaginis</i>	- <i>Periarchiclops scutellaris</i>
	- <i>Xylena exsoleta</i>	- <i>Tachina fera</i>
	- <i>Griposia aprilina</i>	- <i>Exorista larvarum</i> , <i>Blondelia nigripes</i>
	- <i>Hydraecia micacea</i>	- <i>Phebellia triseta</i>
	- <i>Hadula trifolii</i>	- <i>Lydella stabulans</i>
	- <i>Anarta myrtilli</i>	- <i>Exorista larvarum</i>
	- <i>Lacanobia oleracea</i>	- <i>Athrycia impressa</i>
	- <i>Ceramica pisi</i>	- <i>Pelatachina tibialis</i> , <i>Compsilura concinnata</i>
	- <i>Mamestra brassicae</i>	- <i>Blondelia nigripes</i> , <i>Tachina fera</i> , <i>Exorista larvarum</i> , <i>Winthemia quadripustulata</i> , <i>Siphona</i> sp., [<i>Prosopea nigricans</i>]
	- <i>Cerapteryx graminis</i>	- <i>Siphona</i> sp.
	- <i>Tholera cespitis</i>	- <i>Gonia picea</i> , <i>Winthemia quadripustulata</i> , <i>Eumea mitis</i>
	- <i>Panolis flammea</i>	- <i>Phryxe vulgaris</i>
	- <i>Naenia typica</i>	- <i>Ernestia rudis</i> , <i>Pales pavida</i> , <i>Smidtia amoena</i>
	- <i>Agrotis segetum</i>	- <i>Drino lota</i>
	- <i>Agrotis</i> sp.	- <i>Spallanzania hebes</i> , <i>Exorista larvarum</i> , <i>Gonia capitata</i> , <i>Phryxe vulgaris</i>
Lymantriidae	- <i>Orgyia antiqua</i>	- <i>Linnaemya impudica</i>
	- <i>Calliteara fascelina</i>	- <i>Carcelia atricosta</i> , <i>Phryxe vulgaris</i>
		- <i>Exorista fasciata</i>

	- <i>Calliteara pudibunda</i>	- <i>Carcelia gnava</i> , <i>Carcelia rasa</i> , <i>Compsilura concinnata</i> , [<i>Hubneria affinis</i>]
	- <i>Euproctis chrysorrhoea</i>	- <i>Townsendiellomyia nidicola</i> , <i>Compsilura concinnata</i> , <i>Pales pavid</i> , <i>Exorista larvarum</i> , <i>Zenillia libatrix</i> , <i>Zenillia dolosa</i> , <i>Baumhaueria</i> <i>goniaeformis</i> , [<i>Pseudoperichaeta nigrolineata</i>], [<i>Linnaemya</i> <i>impudica</i>]
	- <i>Euproctis similis</i>	- <i>Hyleorus elatus</i>
	- <i>Leucoma salicis</i>	- <i>Carcelia gnava</i> , <i>Exorista larvarum</i> , <i>Pales pavid</i> , <i>Carcelia</i> <i>laxifrons</i> , [<i>Exorista mimula</i>], [<i>Sturmia bella</i>]
	- <i>Lymantria monacha</i>	- <i>Parasetigena silvestris</i> , <i>Pales pavid</i> , <i>Exorista larvarum</i> , <i>Drino</i> <i>inconspicua</i> , <i>Compsilura concinnata</i> , <i>Tachina fera</i> , <i>Exorista grandis</i> , [<i>Exorista rustica</i>], [<i>Phorocera assimilis</i>], [<i>Phorocera obscura</i>], [<i>Senometopia excisa</i>], [<i>Erycia fatua</i>], [<i>Erycia festinans</i>], [<i>Phryno</i> <i>vetula</i>], [<i>Ceromasia rubrifrons</i>], [<i>Allophorocera</i> <i>ferruginea</i>], [<i>Allophorocera rufipes</i>], [<i>Blepharipa pratensis</i>], [<i>Peleteria rubescens</i>], [<i>Ernestia rudis</i>], [<i>Thelaira</i> sp.], [<i>Rondania</i> <i>dimidiata</i>]
Arctiidae	- <i>Lymantria dispar</i>	- <i>Zenillia libatrix</i> , [<i>Hubneria affinis</i>], [<i>Eurithia consobrina</i>]
	- <i>Parasemia plantaginis</i>	- <i>Peleteria ferina</i> , [<i>Phryxe vulgaris</i>]
	- <i>Spilosoma lubricipeda</i>	- <i>Eurithia anthophila</i>
	- <i>Spilosoma luteum</i>	- <i>Hubneria affinis</i>
	- <i>Spilosoma</i> sp.	- <i>Hubneria affinis</i>
	- <i>Phragmatobia fuliginosa</i>	- <i>Hubneria affinis</i> , <i>Exorista larvarum</i> , [<i>Senometopia excisa</i>]
	- <i>Arctia caja</i>	- <i>Hubneria affinis</i> , <i>Thelymorpha marmorata</i> , <i>Thelaira</i> sp., <i>Blondelia</i> <i>nigripes</i> , <i>Exorista larvarum</i> , [<i>Phryxe vulgaris</i>], [<i>Carcelia gnava</i>]
	- <i>Arctia villica</i>	- <i>Hubneria affinis</i>
	- <i>Arctia festiva</i>	- <i>Phenicellia haematodes</i> , <i>Hubneria affinis</i> , <i>Exorista larvarum</i> , <i>Voria</i> <i>ruralis</i> , [<i>Phorocera assimilis</i>], [<i>Phorocera obscura</i>], [<i>Demoticus</i> <i>plebejus</i>]
Coleoptera		
Carabidae	- <i>Zabrus tenebrioides</i>	- <i>Zaira cinerea</i>
Scarabaeidae	- <i>Melolontha melolontha</i>	- <i>Dexia rustica</i> , * <i>Dexiosoma caninum</i>
Cerambycidae	- <i>Isarthron fuscum</i>	- <i>Billaea adelpha</i>
	- <i>Oplosia fennica</i>	- <i>Billaea triangulifera</i>
	- <i>Leiopus nebulosus</i>	- <i>Billaea triangulifera</i>
	- <i>Saperda octopunctata</i>	- <i>Billaea triangulifera</i>
	- <i>Saperda populnea</i>	- <i>Billaea irrorata</i> , [<i>Billaea triangulifera</i>]
	- <i>Saperda carcharias</i>	-[<i>Pales pumicata</i>]
	- <i>Oberea pupillata</i>	- <i>Billaea irrorata</i>
Chrysomelidae	- <i>Gastrophysa viridula</i>	- <i>Meigenia mutabilis</i>
	- <i>Plagioderia versicolora</i>	-[<i>Medina luctuosa</i>], [<i>Medina melania</i>]
	- <i>Chrysomela populi</i>	- <i>Cleonice callida</i>
	- <i>Chrysomela vigintipunctata</i>	- <i>Cleonice keteli</i>
	- <i>Linaeidea aenea</i>	-[<i>Medina luctuosa</i>]
	- <i>Gonioctena quinquepunctata</i>	-[<i>Medina luctuosa</i>]
	- <i>Galerucella lineola</i>	- <i>Medina collaris</i>
	- <i>Lochmaea capreae</i>	- <i>Medina collaris</i>
	- <i>Agelastica alni</i>	-* <i>Meigenia mutabilis</i> , [<i>Meigenia incana</i>], [<i>Leiophora innoxia</i>]
	- <i>Altica quercetorum</i>	-[<i>Anthomyiopsis plagioderiae</i>]
Curculionidae	- <i>Anthonomus piri</i>	-[<i>Phytomyptera nigrina</i>]
	- <i>Liparus</i> sp.	- <i>Rondania dimidiata</i>
Hymenoptera		
Argidae	- <i>Arge</i> sp.	- <i>Belida angelicae</i>
Cimbicidae	- <i>Abia sericea</i>	- <i>Phebellia glirina</i>
	- <i>Cimbex femoratus</i>	-[<i>Carcelia atricosta</i>]
	- <i>Cimbex</i> sp.	- <i>Compsilura concinnata</i>
	- <i>Pseudoclavellaria amerinae</i>	- <i>Phebellia clavellariae</i>
Diprionidae	- <i>Diprion pini</i>	- <i>Drino inconspicua</i> , <i>Diplostichus janitrix</i> , <i>Blondelia inclusa</i> ,

		[<i>Exorista mimula</i>], [<i>Pales pumicata</i>]
	- <i>Diprion similis</i>	- <i>Diplostichus janitrix</i>
	- <i>Gilpinia frutetorum</i>	- <i>Diplostichus janitrix</i>
	- <i>Gilpinia hercynia</i>	- <i>Diplostichus janitrix</i> , <i>Drino bohemica</i>
	- <i>Gilpinia pallida</i>	- <i>Drino gilva</i> , <i>Drino inconspicua</i>
	- <i>Gilpinia polytoma</i>	- <i>Drino inconspicua</i> , <i>Bessa selecta</i> , <i>Blondelia inclusa</i> , <i>Diplostichus janitrix</i> , <i>Blondelia nigripes</i> , [<i>Triarthria setipennis</i>]
	- <i>Gilpinia variegata</i>	- <i>Diplostichus janitrix</i> , <i>Drino inconspicua</i>
	- <i>Gilpinia virens</i>	- <i>Drino inconspicua</i> , <i>Diplostichus janitrix</i>
	- <i>Monoctenus juniperi</i>	- <i>Staurochaeta albocingulata</i>
Pamphiliidae	- <i>Neodiprion sertifer</i>	- <i>Drino inconspicua</i> , <i>Blondelia inclusa</i> , <i>Drino gilva</i> , <i>Drino bohemica</i>
	- <i>Acantholyda posticalis</i>	- <i>Myxexoristops bonsdorffi</i>
	- <i>Cephalcia abietis</i>	- <i>Myxexoristops abietis</i> , <i>Myxexoristops bicolor</i> , [<i>Nilea hortulana</i>]
	- <i>Cephalcia alpina</i>	- <i>Myxexoristops bicolor</i>
	- <i>Cephalcia arvensis</i>	- <i>Myxexoristops bicolor</i> , <i>Pseudopachystylum goniaeoides</i>
	- <i>Cephalcia</i> sp.	- <i>Myxexoristops abietis</i> , <i>Pseudopachystylum goniaeoides</i>
Tenthredinidae	- <i>Allantus truncatus</i>	-[<i>Pales pavid</i>]
	- <i>Cladius pallipes</i>	- <i>Bessa selecta</i>
	- <i>Cladius pectinicornis</i>	- <i>Exorista mimula</i>
	- <i>Hemichroa crocea</i>	- <i>Bessa selecta</i>
	- <i>Nematus melanaspis</i>	- <i>Bessa selecta</i>
	- <i>Nematus oligospilus</i>	- <i>Eumea mitis</i>
	- <i>Pristiphora abietina</i>	-[<i>Bactromyia aurulenta</i>]
	- <i>Pristiphora erichsonii</i>	- <i>Bessa selecta</i>
	- <i>Pristiphora pallidiventris</i>	- <i>Exorista mimula</i>
	- <i>Rhogogaster viridis</i>	- <i>Exorista rustica</i>
	- <i>Tenthredo arcuata</i>	- <i>Exorista rustica</i>
	- <i>Tenthredopsis coquebertii</i>	- <i>Exorista rustica</i>
	- <i>Tenthredopsis scutellaris</i>	- <i>Exorista rustica</i>
	- <i>Tomostethus nigrinus</i>	- <i>Hyalurgus tomostethi</i>
	- <i>Trichiocampus grandis</i>	- <i>Compsilura concinnata</i>
Dermaptera	- <i>Forficula auricularia</i>	- <i>Triarthria setipennis</i>

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6. Discussion

The present catalogue lists 195 hosts for 149 tachinid species, but it must be taken into consideration that some of the older tachinid identifications or host associations are wrong or most probably wrong. The bibliography for the host records consists of 116 papers, which were based on the work of 55 researchers.

The majority of the Czech host records concerns the subfamily Exoristinae (103 tachinid species, 579 records of 332 host-parasitoid couples, making 82% of all Czech host records) and to a lesser extent Tachininae (33 tachinid species, 91 records of 54 host-parasitoid couples, making 13% of all Czech host records) and Dexinae (13 tachinid species, 23 records of 34 host-parasitoid couples, making 5% of all Czech host records). The average for the Palaearctic region is not much different (74% of the host records belong to Exoristinae, 13% to Tachininae, 7% to Dexiinae, and 6% to Phasiinae). There are no rearing re-

ords of Phasiinae for the Czech Republic because their hosts (Hemiptera) do not play a special role as pests in this country. Members of Orthoptera and Diptera are neither usually important as pests in the Czech Republic. Accordingly, there is not a single record for these host orders. Most hosts in the Czech Republic have the unspecialized parasitoids *Exorista larvarum*, *Blondelia nigripes*, *Compsilura concinnata* and *Phryxe vulgaris*, but this is not different from what is known from other European countries.

Investigations on tachinid-host relations in the Czech Republic were primarily focused on pests in forestry, so it is not surprising that records for such typical hosts as *Lymantria monacha*, *Dendrolimus pini*, *Euproctis chrysorrhoea*, *Malacosoma neustria* and *Tortrix viridana* rank first. But also some common host species which are reared by practically every lepidopterologist (e.g. *Aglais urticae*, *Vanessa io*, *Saturnia pavonia* etc.) are represented by many tachinid records. Larvae of “unimpressive” hosts or of those which feed

hidden on roots or in stems, which live in or near the soil, or which show a nocturnal behaviour are, however, underrepresented – as usual. Future search on interesting tachinid hosts should concentrate on such animals.

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