

**IOBC / WPRS**

**Commission “Identification Service of Entomophagous Insects”**

**OILB / SROP**

**Commission “Service d'Identification des Insectes Entomophages”**

**DETERMINATION LIST OF ENTOMOPHAGOUS INSECTS**

**Nr. 14**

Edited by Hannes Baur

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## Introduction to "Determination List No. 14"

The present list gives the results of identifications which were made since list no.13 (1997, ed. Stefan Vidal) by the Identification Service of Entomophagous Insects of the IOBC/wprs. A total of 3032 Hymenoptera and 1472 Diptera parasitoids were identified, mostly to species level. They comprise 195 Hymenoptera species of 14 families and 130 species of Diptera (Tachinidae). These parasitoids were reared from 314 host species belonging to six insect orders (69 families) and 1 species of Araneae (Dictynidae). The host plants span 51 species of 24 plant families. This material was gathered during innumerable applied research projects. I collectively thank all 180 persons, who were involved in these projects, for various support and the gift of voucher specimens.

Naturally, the identification of this material could only be done in collaboration with other specialists, whose efforts are herewith highly appreciated. I'm particularly indebted to Hans-Peter Tschorsnig, Stuttgart, who identified the Tachinidae and also compiled his results for this list. I furthermore thank the following specialists for the identification of several groups: Kees van Achterberg, Nationaal Natuurhistorisch Museum, Leiden, The Netherlands (Braconidae); Felix Amiet, Solothurn, Switzerland (Apidae); Benno Herting, Stuttgart, Germany (Tachinidae); Shahram Hesami, Shiraz, Iran (Ichneumonidae: Xoridinae); Klaus Horstmann, Würzburg, Germany (Ichneumonidae); Seraina Klopstein, Naturhistorisches Museum, Bern, Switzerland (Ichneumonidae); Gabriella Lo Verde, Università di Palermo, Palermo, Italy (Scelionidae); George Melika, Systematic Parasitoid Laboratory, Kőszeg, Hungary (Figitidae); Jenő Papp, Hungarian Natural History Museum, Budapest, Hungary (Braconidae); Petr Sary, Ceskie Budejovice, Czech Republic (Braconidae: Aphidiinae); Stefan Vidal, Georg-August-University, Göttingen, Germany (Chalcidoidea).

Specimens of entomophagous Diptera should be sent to:

Dr. Hans-Peter Tschorsnig  
Naturkundemuseum  
Rosenstein 1  
70191 Stuttgart, Germany  
E-mail: [tschorsnig.smns@naturkundemuseum-bw.de](mailto:tschorsnig.smns@naturkundemuseum-bw.de)

All other entomophagous specimens should be sent to:

Hannes Baur  
Department of Invertebrates  
Natural History Museum  
Bernastrasse 15  
3005 Bern, Switzerland  
Fax: +41 (0)31 350 74 99  
E-mail: [hannes.baur@nmbe.unibe.ch](mailto:hannes.baur@nmbe.unibe.ch)

The identification service determines only specimens from the regions covered by the West Palaearctic Regional Section of the IOBC (Europe, Mediterranean countries, Near East). Specimens sent for identification should preferably be stored in **80% ethanol** and be fully and clearly **labelled** with either **carbon or ink pencil**. The **label data** must comprise the following information: country, province (or larger city), exact locality (including field name if possible), collecting date (if available also date of emergence from pupa), name and address of collector, depository of specimens, names of host (species, family, order) and of host plants (species, plant family). **Label size** should not exceed 25 x 15 mm.

The present list is divided into three parts. **Part I** lists parasitoids and their hosts and host plants (if available) respectively in alphabetical order (genus, species). The nomenclature of arthropod names follows the "Fauna Europaea" website (see "<http://www.faunaeur.org/>"). The names of plants were taken from "The International Plant Name Index Query" (see "<http://www.ipni.org/ipni/index.html>"). The other data are always given in the same format, i.e. ordered by country, province (or Swiss canton or larger city), locality and field name (if available), followed by collector (after "leg."), determiner (after "det."), and depository (in parenthesis if available). The following museum or institutional acronyms were used:

BIZL	Biologiezentrum Linz, Linz, Austria
CABI	CABI Bioscience Centre Switzerland, Delémont, Switzerland
CEM	Collection Enrico Marchesini, Servizio Fitosanitario Regione Veneto, Verona, Italy
CGG	Collection Giselher Grabenweger, Berlin, Germany
CHS	Collection Heinz Schnee, Markkleeberg, Germany
CKD	Collection Klaus von der Dunk, Hemhofen, Germany
CKH	Collection Klaus Horstmann, Würzburg, Germany
CKHE	Collection Klaus Hellrigl, Brixen, South Tyrol, Italy
CMN	Collection Mostafa Nikdel, Research Control of Natural Resources & Domesticated Animals, Entomology Department, Tabriz, Iran
CRB	Collection Rudolf Bryner, Twann, Switzerland
CRY	Collection Radwan Yakti, Aleppo University, Aleppo, Syria
CSV	Collection Stefan Vidal, Göttingen, Germany
DEI	Deutsches Entomologisches Institut, Müncheberg (formerly Eberswalde), Germany
ETHZ	Entomologische Sammlung, Eidgenössische Technische Hochschule, Zürich, Switzerland
FiBL	Forschungsinstitut für Biologischen Landbau, Frick, Switzerland
HNHM	Hungarian Natural History Museum, Budapest, Hungary
IECA	Institute of Entomology, Czech Academy of Science, Ceskie Budejovice, Czech Republic
IEGG	Istituto di Entomologia "Guido Grandi", Bologna, Italy
LUBIES	Lutte biologique et Ecologie spatiale, Université Libre de Bruxelles, Brussels, Belgium
MNHN	Muséum national d'Histoire naturelle, Paris, France
NMBE	Naturhistorisches Museum, Bern, Switzerland
PPAU	Department of Plant Protection, Shiraz Islamic Azad University, Shiraz, Iran
RMNH	Nationaal Natuurhistorisch Museum, Leiden, The Netherlands

RSME	National Museum of Scotland, Edinburgh, United Kingdom
SMNS	Staatliches Museum für Naturkunde, Stuttgart, Germany
SPL	Systematic Parasitoid Laboratory, Kőszeg, Hungary
ZFMK	Zoologisches Forschungsinstitut und Museum "Alexander König", Bonn, Germany
ZIUB	Zoologisches Institut, Universität Bern, Bern, Switzerland

**Part II** lists hosts and associated parasitoids, both sorted alphabetically by order, family and species. **Part III** finally lists hosts plants and all associated arthropods, whether these are parasitoids or hosts, sorted as in Part II.



## **Part I – Parasitoids**



## DIPTERA

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### Tachinidae

#### *Actia pilipennis* Fallén

*Ancylis selenana* Guenée (Lepidoptera: Tortricidae) – 3 ♂, Romania: Iasi, leg. A. Diaconu, det. Tschorsnig

*Pandemis heparana* Denis & Schiffmüller (Lepidoptera: Tortricidae) – 1 ♀, Romania: Brasov, Fagarasi, leg. A. Diaconu, det. Tschorsnig

*Tortrix viridana* Linnaeus (Lepidoptera: Tortricidae) – 8 ♂, 6 ♀, Spain: Barcelona, Roda de Ter, leg. J. Pujade, det. Tschorsnig

#### *Admontia seria* Meigen

*Ctenophora bimaculata* Linnaeus (Diptera: Tipulidae) – 2 ♀, Poland: Biebnanski, leg. C. Bystrowski, det. Tschorsnig

#### *Aphantorhaphopsis samarensis* Villeneuve

*Lymantria dispar* Linnaeus (Lepidoptera: Lymantriidae) – 1 ♀, Poland: Biebnanski, leg. L. Sukovata, det. Tschorsnig

#### *Aplomya confinis* Fallén

*Callophrys suaveola* Miller (Lepidoptera: Lycaenidae) – 1 ♂, 1 ♀, Azerbaidjan: Talysch, Zuvand, leg. A. Danchenko, det. Tschorsnig (ZFMK)

*Lycaena dispar* Haworth (Lepidoptera: Lycaenidae) – 1 specimen, Italy: locality unknown, leg. W. Köstler, det. Tschorsnig (CKD)

*Plebejus argus* Linnaeus (Lepidoptera: Lycaenidae) – 1 ♀, Finland: A:Sund, leg. V. Hyyryläinen, det. Tschorsnig

*Polyommatus cyanea* Staudinger (Lepidoptera: Lycaenidae) – 1 ♂, Azerbaidjan: Talysch, Zuvand, leg. A. Danchenko, det. Tschorsnig (ZFMK)

*Polyommatus damone* Eversmann (Lepidoptera: Lycaenidae) – 1 ♂, 2 ♀, Russia: Uljanovskaja oblast, Srednikovo, leg. Kunitzin, det. Tschorsnig (ZFMK); 1 ♂, Ukraine: Syzran reg., E. Radischevo, leg. Kunitzin, det. Tschorsnig (SMNS)

*Polyommatus phyllis* Christoph (Lepidoptera: Lycaenidae) – 2 ♂, Azerbaidjan: Talysch, Zuvand, leg. A. Danchenko, det. Tschorsnig (ZFMK)

*Polyommatus poseidon* Lederer (Lepidoptera: Lycaenidae) – 1 ♂, Ukraine: Crimea, leg. A. Danchenko, det. Tschorsnig

*Polyommatus tanaïs* Danchenko & Pljushtch (Lepidoptera: Lycaenidae) – 1 ♂, 1 ♀, Ukraine: Lugansk + Amvrosievka, leg. A. Danchenko, det. Tschorsnig (SMNS, ZFMK)

*Scolitantides orion* Pallas (Lepidoptera: Lycaenidae) – 1 ♀, Italy: Val d'Aosta, Barol, leg. P.J.C. Russell, det. Tschorsnig

*Zygaena cocandica* Erschov (Lepidoptera: Zygaenidae) – 2 ♀, Uzbekistan: Hissar, leg. A. Hofmann, det. Tschorsnig (SMNS)

#### *Bactromyia aurulenta* Meigen

*Abraxas pantaria* Linnaeus (Lepidoptera: Geometridae) – 3 ♂, 1 ♀, Spain: Barcelona, Tordera, leg. C. Stefanescu, det. Tschorsnig; 2 ♀, Spain: Girona, Riudarenes, leg. J. Pujade, det. Tschorsnig

*Libythea celtis* Laicharting (Lepidoptera: Libytheidae) – 2 ♂, 1 ♀, Spain: Barcelona, Sant Pere de Vilamajor, leg. C. Stefanescu, det. Tschorsnig

*Scoliopteryx libatrix* Linnaeus (Lepidoptera: Noctuidae) – 2 ♀, Great Britain: Kent, Ham St., leg. I.D. Ferguson, det. Tschorsnig

*Watsonalla binaria* Hufnagel (Lepidoptera: Drepanidae) – 1 ♂, 2 ♀, France: Alsace, Philippsbourg, leg. A. Schanowski, det. Tschorsnig

*Yponomeuta cognatella* Hübner (Lepidoptera: Yponomeutidae) – 1 ♀, Germany: Bayern, Zengermoos, leg. Haeselbarth, det. Tschorsnig (CKD)

*Yponomeuta evonymella* Linnaeus (Lepidoptera: Yponomeutidae) – 1 ♀, Germany: Bayern, Zengermoos, leg. Haeselbarth, det. Tschorsnig (CKD)

#### *Billaea irrorata* Meigen

*Saperda populnea* Linnaeus (Coleoptera: Cerambycidae) – 2 ♂, 4 ♀, Italy: Ravenna, Bardello, leg. G. Campadelli, det. Tschorsnig (IEGG)

*Saperda populnea* Linnaeus (Coleoptera: Cerambycidae) – 1 ♀, Italy: Romagna-Appennino, Valbiano (Sarsina), leg. G. Sama, det. Tschorsnig

#### *Billaea triangulifera* Zetterstedt

*Acanthocinus xanthoneurus* Mulsant (Coleoptera: Cerambycidae) – 1 ♀, Italy: Calabria, M. Pollino (1500 m), leg. G. Sama, det. Tschorsnig

#### *Bithia demotica* Egger

*Bembecia dispar* Staudinger (Lepidoptera: Sesiidae) – 1 ♂, Morocco: Boudnib, leg. U. Koschwitz, det. Tschorsnig (SMNS)

*Bembecia lomataeformis* Lederer (Lepidoptera: Sesiidae) – 1 ♂, 5 ♀, Greece: Timfi-Gebirge, Vradeto, leg. M. Petersen, det. Tschorsnig (SMNS)

*Bembecia psoraleae* Bartsch & Bettag (Lepidoptera: Sesiidae) on *Psoralea bituminosa* L. (Fabaceae) – 1 ♀, Spain: Malaga, Serrania de Ronda, Gaucin, leg. E. Bettag, det. Tschorsnig (SMNS); 1 ♂, Spain: Malaga, Serrania de Ronda, Jimbra, leg. D. Bartsch, det. Tschorsnig (SMNS)

*Bembecia sanguinolenta* Lederer (Lepidoptera: Sesiidae) – 5 ♂, 1 ♀, Turkey: Capadocia, near Zelve, leg. D. Bartsch, det. Tschorsnig (SMNS)

*Bembecia sirphiformis* Lucas (Lepidoptera: Sesiidae) – 1 ♂, France: Vaucluse, Apt, Roustrel, leg. D. Bartsch, det. Tschorsnig (SMNS)

#### *Bithia modesta* Meigen

*Bembecia ichneumoniformis* Denis & Schiffermüller (Lepidoptera: Sesiidae) – 3 ♀, Italy: Adria, Termoli, leg. D. Bartsch, det. Tschorsnig (SMNS)

#### *Blepharomyia piliceps* Zetterstedt

*Eulithis populata* Linnaeus (Lepidoptera: Geometridae) – 1 ♀, Great Britain: Derbyshire, Hathersage, leg. T.H. Ford, det. Tschorsnig

#### *Blondelia nigripes* Fallén

*Aglais urticae* Linnaeus (Lepidoptera: Nymphalidae) – 1 ♂, Czech Republic: Bakov nad Jiz., leg. Sova, det. Tschorsnig

*Anarta myrtilli* Linnaeus (Lepidoptera: Noctuidae) – 1 ♂, Germany: Nordrhein-Westfalen, Köln, Wahner Heide, leg. W. Topp, det. Tschorsnig (SMNS); 1 ♂, 2 ♀, same, leg. K. Hüpper

*Auchmis comma* Denis & Schiffermüller (Lepidoptera: Noctuidae) – 1 ♀, Germany: Baden-Württemberg, Stuttgart-Feuerbach, leg. D. Bartsch, det. Tschorsnig (SMNS)

*Autographa gamma* Linnaeus (Lepidoptera: Noctuidae) – 1 ♀, Austria: Oberösterreich, Linz, leg. K. Kusdas, det. Tschorsnig (BIZL); 1 ♂, Germany: Berlin-Gütersfelde, leg. ?H. Bathon, det. Tschorsnig

*Catocala electa* Vieweg (Lepidoptera: Noctuidae) – 1 ♂, Germany: Steinbach, Erling, leg. A. Schanowski, det. Tschorsnig

*Colotois pennaria* Linnaeus (Lepidoptera: Geometridae) – 1 ♂, 1 ♀, Yugoslavia: Serbia, M. Mostan, leg. M. Glavendekic, det. Tschorsnig

*Erannis defoliaria* Clerck (Lepidoptera: Geometridae) – 3 ♂, 7 ♀, Yugoslavia: Serbia, Avala + M. Mostan, leg. M. Glavendekic, det. Tschorsnig

*Pachycnemia hippocastanaria* Hübner (Lepidoptera: Geometridae) – 1 ♂, Germany: Nordrhein-Westfalen, Köln, Wahner Heide, leg. W. Topp, det. Tschorsnig (SMNS)

*Buquetia musca* Robineau-Desvoidy

*Papilio machaon* Linnaeus (Lepidoptera: Papilionidae) – 1 ♂, Italy: Liguria, Savona, Andora, leg. V.Cameron-Curry, det. Tschorsnig

*Campylocheta inepta* Meigen

*Anarta myrtilli* Linnaeus (Lepidoptera: Noctuidae) – 1 ♀, Germany: Nordrhein-Westfalen, Wahner Heide, leg. K. Hüpper, det. Tschorsnig (SMNS)

*Chesias legatella* Denis & Schiffermüller (Lepidoptera: Geometridae) – 1 ♂, Germany: Nordrhein-Westfalen, Eifel, leg. K. Hüpper, det. Tschorsnig (SMNS)

*Ematurga atomaria* Linnaeus (Lepidoptera: Geometridae) – 10 ♂, 4 ♀, Germany: Nordrhein-Westfalen, Wahner Heide + Mehrhoog, leg. K. Hüpper, det. Tschorsnig (SMNS); 1 ♂, Great Britain: Norfolk, Royden Common, leg. G. Hagggett, det. Tschorsnig

*Isturgia limbaria* Fabricius (Lepidoptera: Geometridae) – 1 ♀, Germany: Nordrhein-Westfalen, Eifel, leg. K. Hüpper, det. Tschorsnig (SMNS)

*Carcelia gnava* Meigen

*Aglais urticae* Linnaeus (Lepidoptera: Nymphalidae) – 1 ♀, Czech Republic: Bakov nad Jiz., leg. Sova, det. Tschorsnig

*Leucoma salicis* Linnaeus (Lepidoptera: Lymantriidae) – 1 ♂, Turkey: Tokat, surroundings, leg. K. Kara, det. Herting

*Carcelia laxifrons* Villeneuve

*Leucoma salicis* Linnaeus (Lepidoptera: Lymantriidae) – 1 ♀, Turkey: Kirsehir-Karaagaç, leg. Y. Özdemir, det. Herting

*Carcelia lucorum* Meigen

*Arctia caja* Linnaeus (Lepidoptera: Arctiidae) – 3 ♂, 8 ♀, Germany: Baden-Württemberg, Ludwigsburg-Poppenweiler, leg. A. Greb, det. Tschorsnig (SMNS); 5 ♂, 6 ♀, Germany: Baden-Württemberg, Kr. Böblingen, Waldenbuch, leg. A. Greb, det. Tschorsnig (SMNS); 1 ♂, Great Britain: ?Rauhaum Ranges, leg. D. Hackett, det. Tschorsnig

*Cymbalophora pudica* Esper (Lepidoptera: Arctiidae) – 1 ♂, Italy: Liguria, Savona, Andora, Capo Mele, leg. V.Cameron-Curry, det. Tschorsnig

*Spiris striata* Linnaeus (Lepidoptera: Arctiidae) – 1 ♀, Switzerland: locality unknown, leg. P. Marmet, det. Tschorsnig (NMBE)

*Carcelia rasa* Macquart

*Dasychira pudibunda* Linnaeus (Lepidoptera: Lymantriidae) – 2 ♂, Italy: Savona, Colle Melogno + Calizzano, leg. I. Currado, det. Tschorsnig

*Ceranthia lichtwardtiana* Villeneuve

*Geina didactyla* Linnaeus (Lepidoptera: Pterophoridae) – 1 ♂, Poland: Torun, leg. J. Buszko, det. Tschorsnig

*Ceromya bicolor* Meigen

*Lasiocampa quercus* Linnaeus (Lepidoptera: Lasiocampidae) – 1 ♀, Germany: Baden-Württemberg, Bad Bellingen, leg. G. Hein, det. Tschorsnig (SMNS)

*Chetogena filipalpis* Rondani

*Canephora unicolor* Hufnagel (Lepidoptera: Psychidae) – 1 ♂, 1 ♀, Switzerland: Valais, La Luette (1000 m), leg. Sonderegger, det. Tschorsnig (ETHZ); 1 ♀, Switzerland: Ticino, Biasca, leg. Hättenschwiler, det. Tschorsnig (ETHZ)

*Pachythelia villosella* Ochsenheimer (Lepidoptera: Psychidae) – 1 ♀, Austria: Tirol, Drautal, Abfaltersbach, leg. A. Kofler, det. Tschorsnig

*Chetogena obliquata* Fallén

*Lasiocampa trifolii* Esper (Lepidoptera: Lasiocampidae) – 1 ♀, Germany: Baden-Württemberg, Blaubeuren, Hellebarten, leg. B. Kreusel, det. Tschorsnig (SMNS)

*Zygaena trifolii* Esper (Lepidoptera: Zygaenidae) – 2 ♀, Germany: Baden-Württemberg, Bad Säckingen, leg. G. Hein, det. Tschorsnig

*Chetogena rondaniana* Villeneuve

*Zygaena fausta* Linnaeus (Lepidoptera: Zygaenidae) – 2 ♂, Portugal: Beja, Milfontes, 1 km W. Brunheiras, leg. C. Naumann, det. Tschorsnig (ZFMK)

*Clytiomya dupuisi* Kugler

*Ancyrosoma leucogrammes* Galén (Hemiptera: Pentatomidae) – 21 ♂, 29 ♀, Turkey: Izmir, leg. T. Koçlu, det. Herting

*Clytiomya sola* Rondani

*Ancyrosoma leucogrammes* Galén (Hemiptera: Pentatomidae) – 4 ♂, 1 ♀, Turkey: Izmir, leg. T. Koçlu, det. Herting

*Graphosoma lineatum* Linnaeus (Hemiptera: Pentatomidae) – 3 ♂, 1 ♀, Turkey: Izmir, leg. T. Koçlu, det. Herting

*Compsilura concinnata* Meigen

*Acronicta psi* Linnaeus (Lepidoptera: Noctuidae) – 1 ♀, Germany: Baden-Württemberg, Malsch, leg. D. Doczkal, det. Tschorsnig

*Aglaope infausta* Linnaeus (Lepidoptera: Zygaenidae) – 1 ♀, Spain: Navarra, Pamplona, leg. J.J. Lipa, det. Tschorsnig

*Araschnia levana* Linnaeus (Lepidoptera: Nymphalidae) – 1 ♀, Germany: Hessen, Darmstadt, leg. H. Feustel, det. Tschorsnig

*Colotois pennaria* Linnaeus (Lepidoptera: Geometridae) – 1 ♂, 1 ♀, Yugoslavia: Serbia, M.Mostan + Kosvin, leg. M. Glavendekic, det. Tschorsnig

*Danaus chrysippus* Linnaeus (Lepidoptera: Danaidae) – 1 ♂, Italy: Sardegna, Sassari, Bosa, leg. V.Cameron-Curry, det. Tschorsnig

*Dasychira pudibunda* Linnaeus (Lepidoptera: Lymantriidae) – 3 ♂, 4 ♀, Italy: Torino, Cumiana + Giaveno + Bibiana, leg. I. Currado, det. Tschorsnig

*Gonepteryx cleopatra* Linnaeus (Lepidoptera: Pieridae) – 2 ♂, 1 ♀, Spain: Barcelona, Sant Pere de Vilamajor, leg. C. Stefanescu, det. Tschorsnig

*Hyphantria cunea* Drury (Lepidoptera: Arctiidae) – 2 ♂, 1 ♀, Turkey: Samsun, leg. J.J. Lipa, det. Tschorsnig

*Iphiclides podalirius* Linnaeus (Lepidoptera: Papilionidae) – 7 ♂, 12 ♀, Spain: Barcelona, Sant Pere de Vilamajor + San Celoni, leg. C. Stefanescu, det. Tschorsnig; 1 ♀, Italy: no data, leg. V.Cameron-Curry, det. Tschorsnig

*Limenitis reducta* Staudinger (Lepidoptera: Nymphalidae) – 1 ♂, 1 ♀, Greece: Corfu, Dassia u.U., leg. H. Jüngling, det. Tschorsnig

*Lymantria dispar* Linnaeus (Lepidoptera: Lymantriidae) – 1 ♀, Spain: locality unknown, leg. P. Martinez-Zurimendi, det. Tschorsnig; 5 ♂, 7 ♀, Italy: Modena, Baggazzano, leg. M.L. Dindo, det. Tschorsnig

*Mythimna unipuncta* Haworth (Lepidoptera: Noctuidae) – 1 ♀, Iran: N.Iran, leg. H. Abbasipour, det. Tschorsnig

*Nymphalis polychloros* Linnaeus (Lepidoptera: Nymphalidae) – 1 ♀, Italy: Liguria, Savona, Millesino, leg. V.Cameron-Curry, det. Tschorsnig

*Papilio machaon* Linnaeus (Lepidoptera: Papilionidae) – 2 ♂, 4 ♀, Spain: Avila, Villatoro, leg. M. González Núñez [ex one brood, 4–5 mm], det. Tschorsnig

*Papilio alexanor* Esper (Lepidoptera: Papilionidae) – 1 ♂, 1 ♀, Greece: Peloponnes, leg. J. Fuchs, det. Tschorsnig

*Pieris brassicae* Linnaeus (Lepidoptera: Pieridae) – 3 ♀, Italy: Campania, Salerno, Polycastro, leg. E. Schwarzer, det. Tschorsnig; 1 ♂, Turkey: Tokat, surroundings, leg. K. Kara, det. Herting

*Zygaena fausta* Linnaeus (Lepidoptera: Zygaenidae) – 2 ♂, 2 ♀, Portugal: Beja, Milfontes, 1 km W. Brunheiras, leg. C. Naumann, det. Tschorsnig (ZFMK)

*Zygaena niphona* Butler (Lepidoptera: Zygaenidae) – 4 ♂, 6 ♀, Japan: Honshu, Ashiyama, Aomori-shi, leg. A. Mochizuki, det. Tschorsnig (ZFMK); 1 ♂, Japan: Honshu, Nagano Pref., Chino Yatsugatake farm (1240 m), leg. Arita, det. Tschorsnig (ZFMK)

#### *Cylindromyia auriceps* Meigen

*Aelia acuminata* Linnaeus (Hemiptera: Pentatomidae) – 1 ♀, Turkey: Tokat, surroundings, leg. K. Kara, det. Herting (CKD)

#### *Cylindromyia intermedia* Meigen

*Brachynema germari* Kolenati (Hemiptera: Pentatomidae) – 1 ♀, Iran: Rafsanjan, leg. M. Parchami-Araghi, det. Tschorsnig

#### *Cyrtophleba ruricola* Meigen

*Apopestes spectrum* Esper (Lepidoptera: Noctuidae) – 1 ♂, 2 ♀, Greece: Parnassos, Arachova (1100 m), leg. D. Bartsch, det. Tschorsnig (SMNS); 2 ♀, Switzerland: Neuchâtel, leg. A. Schertenleib, det. Tschorsnig (MNHN)

*Deilephila elpenor* Linnaeus (Lepidoptera: Sphingidae) – 3 ♀, Germany: Bayern, Nürnberg, leg. E. Späth, det. Tschorsnig (CKD)

#### *Cyzenis albicans* Fallén

*Operophtera brumata* Linnaeus (Lepidoptera: Geometridae) – 2 ♂, 5 ♀, Germany: Baden-Württemberg, Heuchlingen + Lautenbach, leg. P. Galli, det. Tschorsnig

#### *Drino atropivora* Robineau-Desvoidy

*Acherontia atropos* Linnaeus (Lepidoptera: Sphingidae) – 2 ♂, 1 ♀, Iran: Karaj, leg. M. Parchami-Araghi, det. Tschorsnig; 4 ♂, 3 ♀, Italy: Ravenna, Lugo, leg. G. Campadelli, det. Tschorsnig; 3 ♂, 11 ♀, Spain: Sevilla, Puebla de Cazalla, leg. M. González Núñez, det. Tschorsnig

*Sphinx ligustri* Linnaeus (Lepidoptera: Sphingidae) – 3 ♂, 1 ♀, Italy: Bologna, leg. G. Campadelli, det. Tschorsnig (IEGG)

#### *Drino gilva* Hartig

*Diprion pini* Linnaeus (Hymenoptera: Diprionidae) – 2 ♂, 1 ♀, France: Paris, surroundings, leg. C. Dippel, det. Tschorsnig; 1 ♂, 1 ♀, Switzerland: Neuchâtel, leg. A. Schertenleib, det. Tschorsnig (MNHN)

#### *Drino imberbis* Wiedemann

*Thiacidas postica* Walker (Lepidoptera: Noctuidae) – 2 ♀, Iran: Persian Gulf, Genaveh, leg. N. Farrar, det. Tschorsnig

#### *Drino inconspicua* Meigen

*Diprion pini* Linnaeus (Hymenoptera: Diprionidae) – 4 ♂, 1 ♀, France: Paris, surroundings, leg. C. Dippel, det. Tschorsnig; 1 ♂, Turkey: Konya-Meram, leg. Y. Özdemir, det. Herting

*Lymantria dispar* Linnaeus (Lepidoptera: Lymantriidae) – 1 ♀, Spain: locality unknown, leg. P. Martinez-Zurimendi, det. Tschorsnig

*Drino vicina* Zetterstedt

*Proserpinus proserpina* Pallas (Lepidoptera: Sphingidae) – 2 ♂, 2 ♀, Germany: Baden-Württemberg, Bad Säckingen, leg. G. Hein, det. Tschorsnig; 1 ♂, 2 ♀, Switzerland: Aargau, Stein/Bad Säckingen, leg. G. Hein, det. Tschorsnig

*Ectophasia crassipennis* Fabricius

*Palomena prasina* Linnaeus (Hemiptera: Pentatomidae) – 2 ♂, 2 ♀, Italy: Cuneo, Cravanzana, Serravalle Langhe + Alta Langa, leg. C. Sonnati, det. Tschorsnig

*Ectophasia oblonga* Robineau-Desvoidy

*Eurydema ornata* Linnaeus (Hemiptera: Pentatomidae) – 1 ♀, Turkey: Tekirdag, leg. M. Kivan, det. Tschorsnig

*Eurydema ventralis* Kolenati (Hemiptera: Pentatomidae) – 1 ♀, Croatia: Nova Vas, near Porac, leg. C. Rieger, det. Tschorsnig (SMNS)

*Eurygaster integriceps* Puton (Hemiptera: Pentatomidae) – 1 ♂, Turkey: Tekirdag, leg. M. Kivan, det. Tschorsnig

*Elodia ambulatoria* Meigen

*Morophaga choragella* Denis & Schiffermüller (Lepidoptera: Tineidae) – 1 ♂, 1 ♀, Germany: Baden-Württemberg, Enztal, Höfen, leg. D. Bartsch, det. Tschorsnig (SMNS); 1 ♂, 2 ♀, Germany: Hamburg, Hamburg-Wohldorf, leg. C. Vetter, det. Tschorsnig; 1 ♀, Germany: Mecklenburg, Neubrandenburg, Zachover Forst, leg. C. Vetter, det. Tschorsnig

*Morophaga choragella* Denis & Schiffermüller (Lepidoptera: Tineidae) on *Trametes gibbosa* Fries (Corialaceae) – 1 ♂, 2 ♀, Italy: locality unknown, leg. G. Campadelli, det. Tschorsnig (IEGG)

*Nemaxera betulinella* Fabricius (Lepidoptera: Tineidae) – 1 ♂, 2 ♀, Germany: Hamburg, Hamburg-Wohldorf, leg. C. Vetter, det. Tschorsnig

*Triaxomera parasitella* Hübner (Lepidoptera: Tineidae) – 1 ♂, 2 ♀, Germany: Hamburg, Hamburg-Wohldorf, leg. C. Vetter, det. Tschorsnig

*Elodia atricans* Herting

*Choreutis nemorana* Hübner (Lepidoptera: Glyphipterygidae) – 1 ♂, Turkey: Artvin, 18-20 km W. Savsat, leg. H. v.Oorschot & al., det. Tschorsnig

*Elomya lateralis* Meigen

*Eurydema ornata* Linnaeus (Hemiptera: Pentatomidae) – 2 ♂, Turkey: Tekirdag, leg. M. Kivan, det. Tschorsnig

*Eurygaster integriceps* Puton (Hemiptera: Pentatomidae) – 1 ♂, Turkey: Tekirdag, leg. M. Kivan, det. Tschorsnig

*Lygaeus equestris* Linnaeus (Hemiptera: Lygaeidae) – 1 ♂, Austria: Niederösterreich, Pfaffenstätten, leg. A. Tadler, det. Tschorsnig (SMNS)

*Epicamponera succincta* Meigen

*Pieris bryoniae* Hübner (Lepidoptera: Pieridae) – 2 ♂, Switzerland: Vaud, Bex, leg. P. Benninger, det. Tschorsnig (ETHZ)

*Pieris napi* Linnaeus (Lepidoptera: Pieridae) – 2 ♀, Switzerland: Vaud, Bex, leg. P. Benninger, det. Tschorsnig (ETHZ)

*Erycia ?fasciata* Villeneuve

*Melitaea latonigena* Eversmann (Lepidoptera: Nymphalidae) – 1 ♂, 3 ♀, Russia: Buryatia, Barguzin Valley, leg. N. Wahlberg & I. Hanski, det. Tschorsnig

*Erycia fatua* Meigen

*Euphydryas maturna* Linnaeus (Lepidoptera: Nymphalidae) – 4 ♂, 4 ♀, Finland: Joutseno + Sipoo, Gästerby, leg. N. Wahlberg, det. Tschorsnig

*Melitaea athalia* Rottemburg (Lepidoptera: Nymphalidae) – 1 ♂, Germany: Streitberg, leg. W. Köstler, det. Tschorsnig (CKD)

*Melitaea cinxia* Linnaeus (Lepidoptera: Nymphalidae) – 1 ♂, Germany: Baden-Württemberg, Bad Säckingen, leg. G. Hein, det. Tschorsnig

*Erycia festinans* Meigen

*Melitaea cinxia* Linnaeus (Lepidoptera: Nymphalidae) – 7 ♂, 9 ♀, Russia: Buryatia, Barguzin Valley, leg. N. Wahlberg, det. Tschorsnig

*Erycia furibunda* Zetterstedt

*Euphydryas sareptensis* Staudinger (Lepidoptera: Nymphalidae) – 1 ♂, Russia: Volga region, Olkhovka, leg. A. Danchenko, det. Tschorsnig (SMNS)

*Eumea linearicornis* Zetterstedt

*Adoxophyes orana* Fischer v. Röslerstamm (Lepidoptera: Tortricidae) – 12 ♂, 5 ♀, Germany: Baden-Württemberg, Heuchlingen + Offenburg, leg. P. Galli, det. Tschorsnig

*Archips rosana* Linnaeus (Lepidoptera: Tortricidae) – 1 ♂, Romania: Iasi, leg. A. Diaconu, det. Tschorsnig

*Autographa gamma* Linnaeus (Lepidoptera: Noctuidae) – 1 ♂, 1 ♀, Germany: Berlin-Gütersfelde, leg. ?H. Bathon, det. Tschorsnig

*Eurithia caesia* Fallén

*Hadena perplexa* Denis & Schiffermüller (Lepidoptera: Noctuidae) – 2 ♂, Switzerland: Graubünden, Flüela, Susascatal (1800 m), leg. D. Bartsch, det. Tschorsnig (SMNS)

*Eurysthaea scutellaris* Robineau-Desvoidy

*Abraxas pantaria* Linnaeus (Lepidoptera: Geometridae) – 4 ♂, 5 ♀, Spain: Barcelona + Girona, Tordera + Riudarenes, leg. J. Pujade, det. Tschorsnig; 1 ♂, 1 ♀, Spain: Barcelona, Tordera, leg. C. Stefanescu, det. Tschorsnig

*Archips rosana* Linnaeus (Lepidoptera: Tortricidae) – 2 ♀, Romania: Iasi, leg. A. Diaconu, det. Tschorsnig

*Eupithecia innotata* Hufnagel (Lepidoptera: Geometridae) – 1 ♂, Italy: Monfalcone, leg. H. Deutsch, det. Tschorsnig

*Yponomeuta malinella* Zeller (Lepidoptera: Yponomeutidae) – 1 ♂, Switzerland: Valais, Collonges, leg. A. Schertenleib, det. Tschorsnig (MNHN)

*Exorista fasciata* Fallén

*Zygaena trifolii* Esper (Lepidoptera: Zygaenidae) – 1 ♂, 1 ♀, France: Bretagne, Belle Ile, Port Coton, leg. C. Esch, det. Tschorsnig (ZFMK)

*Exorista grandis* Zetterstedt

*Saturnia pavonia* Linnaeus (Lepidoptera: Saturniidae) – 1 ♀, Germany: Baden-Württemberg, Bad Säckingen, leg. G. Hein, det. Tschorsnig

*Exorista japonica* Townsend

*Pidorus atratus* Butler (Lepidoptera: Zygaenidae) – 1 ♂, Japan: Honshu, Nagoya Pref., leg. Arita, det. Tschorsnig (ZFMK)

*Zygaena nippona* Butler (Lepidoptera: Zygaenidae) – 1 ♂, Japan: Honshu, Nagano Pref., Chino Yatsugatake farm (1240 m), leg. Arita, det. Tschorsnig (ZFMK)

*Exorista larvarum* Linnaeus

- Cucullia bubaceki* Kitt (Lepidoptera: Noctuidae) – 2 ♂, Spain: Zaragoza, Alfocea, leg. G.E. King, det. Tschorsnig
- Euproctis chryorrhoea* Linnaeus (Lepidoptera: Lymantriidae) – 2 ♂, 2 ♀, Turkey: Tokat, surroundings, leg. K. Kara, det. Herting
- Leucoma salicis* Linnaeus (Lepidoptera: Lymantriidae) – 1 ♂, Turkey: Kirikkale-Keskin, leg. Y. Özdemir, det. Herting; 11 ♂, 1 ♀, Turkey: Tokat, surroundings, leg. K. Kara, det. Herting
- Lymantria dispar* Linnaeus (Lepidoptera: Lymantriidae) – 1 ♂, 1 ♀, Germany: Baden-Württemberg, Murr, leg. J. Hermann, det. Tschorsnig (RSME); 2 ♂, Italy: Modena, Baggazzano, leg. M.L. Dindo, det. Tschorsnig; 1 ♂, Spain: locality unknown, leg. P. Martinez-Zurimendi, det. Tschorsnig; 1 ♂, 1 ♀, Spain: Extremadura, leg. M. González Núñez, det. Tschorsnig
- Macrothylacia rubi* Linnaeus (Lepidoptera: Lasiocampidae) – 2 ♀, Germany: Baden-Württemberg, Kr. Calw, Gechingen, leg. P. Kensy, det. Tschorsnig (SMNS)
- Philudoria potatoaria* Linnaeus (Lepidoptera: Lasiocampidae) – 1 ♀, Great Britain: Shielfoot, Ardnamurchan, leg. D.A. Barbour, det. Tschorsnig; 1 ♂, 3 ♀, Switzerland: Aargau, Stein/Bad Säckingen, leg. G. Hein, det. Tschorsnig
- Sesamia nonagrioides* Lefèbvre (Lepidoptera: Noctuidae) – 1 ♂, Spain: Pontevedra, Barrantes, leg. L. Monetti, det. Tschorsnig
- Zygaena carniolica* Scopoli (Lepidoptera: Zygaenidae) – 4 ♀, Russia: Saratovskaja oblast, vic Volsek, leg. A. Danchenko, det. Tschorsnig (ZFMK)

*Exorista nova* Rondani

- Zygaena carniolica* Scopoli (Lepidoptera: Zygaenidae) – 1 ♂, Russia: Uljanovskaja oblast, vic Srednikovo, leg. A. Danchenko, det. Tschorsnig (ZFMK)
- Zygaena cocandica* Erschov (Lepidoptera: Zygaenidae) – 1 ♂, 1 ♀, Uzbekistan: Hissar, leg. A. Hofmann, det. Tschorsnig (SMNS)
- Zygaena filipendulae* Linnaeus (Lepidoptera: Zygaenidae) – 1 ♂, Spain: Barcelona, Puerto Ordal, leg. A. Hofmann, det. Tschorsnig (SMNS)
- Zygaena sogdiana* Erschov (Lepidoptera: Zygaenidae) – 2 ♂, Uzbekistan: Aksakata vic, leg. A. Hofmann, det. Tschorsnig (SMNS)
- Zygaena truchmena* Eversmann (Lepidoptera: Zygaenidae) – 1 ♂, Uzbekistan: Chinaz, leg. A. Hofmann, det. Tschorsnig (SMNS)

*Exorista rossica* Mesnil

- Euproctis chryorrhoea* Linnaeus (Lepidoptera: Lymantriidae) – 1 ♂, Turkey: Tokat, surroundings, leg. K. Kara, det. Herting
- Leucoma salicis* Linnaeus (Lepidoptera: Lymantriidae) – 1 ♂, Turkey: Karaman, leg. Y. Özdemir, det. Herting

*Exorista segregata* Rondani

- Aglaope infausta* Linnaeus (Lepidoptera: Zygaenidae) – 4 ♂, 1 ♀, Spain: Navarra, Pamplona, leg. J.J. Lipa, det. Tschorsnig
- Aporia crataegi* Linnaeus (Lepidoptera: Pieridae) – 1 ♀, Turkey: Çubuk-Ankara, leg. Y. Özdemir, det. Herting
- Hyles centralasiae* Staudinger (Lepidoptera: Sphingidae) – 2 ♀, Turkey: Capadocia, Topuzdagi Gecidi, leg. D. Bartsch, det. Tschorsnig (SMNS)
- Leucoma salicis* Linnaeus (Lepidoptera: Lymantriidae) – 2 ♂, 3 ♀, Turkey: Tokat, surroundings, leg. K. Kara, det. Herting
- Lymantria dispar* Linnaeus (Lepidoptera: Lymantriidae) – 3 ♂, 3 ♀, Spain: locality unknown, leg. P. Martinez-Zurimendi, det. Tschorsnig; 1 ♂, Spain: Extremadura, leg. M. González Núñez, det. Tschorsnig

- Malacosoma neustria* Linnaeus (Lepidoptera: Lasiocampidae) – 1 ♂, 1 ♀, Turkey: Tokat, surroundings, leg. K. Kara, det. Herting
- Orgyia dubia* Tauscher (Lepidoptera: Lymantriidae) – 3 ♀, Cyprus: Limassol, Akrotiri, leg. M. Leipnitz, det. Tschorsnig
- Zygaena fausta* Linnaeus (Lepidoptera: Zygaenidae) – 2 ♀, Portugal: Beja, Milfontes, 1 km W. Brunheiras, leg. C. Naumann, det. Tschorsnig (ZFMK)
- Zygaena occitanica* Villers (Lepidoptera: Zygaenidae) – 1 ♀, Spain: Zaragoza, Lerida, Penalba (300 m), leg. Dirr, det. Tschorsnig (SMNS)
- Zygaena truchmena* Eversmann (Lepidoptera: Zygaenidae) – 1 ♀, Iran: Khorassan, vic Ferdowsi (1200-1300 m), leg. C. Naumann, det. Tschorsnig (ZFMK)

*Exorista sorbillans* Wiedemann

- Acherontia atropos* Linnaeus (Lepidoptera: Sphingidae) – 2 ♂, Spain: Canary Isles, Gran Canaria, leg. Stöckert, det. Tschorsnig (CKD)
- Smerinthus ocellata* Linnaeus (Lepidoptera: Sphingidae) – 2 ♂, 4 ♀, Italy: Bologna, Sasso Marconi, leg. R. Farneti, det. Tschorsnig (IEGG)

*Germaria nudinerva* Mesnil

- Bembecia deserticola* Spatenka, Petersen & Kallies (Lepidoptera: Sesiidae) – 1 ♂, 1 ♀, Kazakhstan: Chu-Iliyskiye Mts., Kurdai-Pass (1150 m), leg. A. Kallis & K. Spatenka, det. Tschorsnig
- Bembecia tshimgana* Sheljuzhko (Lepidoptera: Sesiidae) – 13 ♂, 10 ♀, Uzbekistan: Kugitang-Tau, leg. A. Hofmann, det. Tschorsnig (SMNS)

*Gymnosoma clavatum* Rohdendorf

- Ancyrosoma leucogrammes* Galén (Hemiptera: Pentatomidae) – 2 ♀, Turkey: Izmir, leg. T. Koçlu, det. Herting

*Gymnosoma desertorum* Rohdendorf

- Dolycoris baccarum* Linnaeus (Hemiptera: Pentatomidae) – 1 ♂, Turkey: Tekirdag, leg. M. Kivan, det. Tschorsnig

*Gymnosoma rotundatum* Linnaeus

- Palomena prasina* Linnaeus (Hemiptera: Pentatomidae) – 2 ♂, 1 ♀, Italy: Cuneo, Serravalle Langhe + Ceretto Langhe, leg. C. Sonnati, det. Tschorsnig

*Huebneria affinis* Fallén

- Diacrisia sannio* Linnaeus (Lepidoptera: Arctiidae) – 1 ♀, Switzerland: Aargau, Stein/Bad Säkingen, leg. G. Hein, det. Tschorsnig
- Parasemia plantaginis* Linnaeus (Lepidoptera: Arctiidae) – 1 ♂, Finland: A: Lemland, leg. V. Hyyryläinen, det. Tschorsnig

*Leskia aurea* Fallén

- Synanthedon vespiforme* Linnaeus (Lepidoptera: Sesiidae) – 1 ♂, 3 ♀, Germany: Baden-Württemberg, Sindelfingen, Sommerhofen, leg. D. Bartsch, det. Tschorsnig (SMNS)

*Leucostoma crassum* Kugler

- Lygaeus equestris* Linnaeus (Hemiptera: Lygaeidae) – 1 ♂, 1 ♀, Austria: Tirol, Oberes Inntal, Starkenbach, leg. A. Tadler, det. Tschorsnig (SMNS)
- Lygaeus simulans* Deckert (Hemiptera: Lygaeidae) – 1 ♀, Austria: Tirol, Oberes Inntal, Starkenbach, leg. A. Tadler, det. Tschorsnig (SMNS)

*Leucostoma simplex* Fallén

- Agraphopus lethierryi* Stål (Hemiptera: Rhopalidae) – 1 ♂, 1 ♀, Greece: Ilia, Néa Manolada, leg. C. Rieger, det. Tschorsnig (SMNS)

*Linnaemya neavei* Curran

*Mythimna loreyi* Duponchel (Lepidoptera: Noctuidae) – 1 ♂, 1 ♀, Iran: East Aserbaijan, Gharbi, leg. M. Parchami-Araghi, det. Tschorsnig

*Lydella stabulans* Meigen

*Archanara geminipuncta* Haworth (Lepidoptera: Noctuidae) – 1 ♂, 1 ♀, Germany: Bayern, Bayreuth, Rausenthal, leg. J. Bittermann, det. Tschorsnig (CKD)

*Lydella thompsoni* Herting

*Ostrinia nubilalis* Hübner (Lepidoptera: Pyralidae) – 15 ♂, 18 ♀, France: Haute-Garonne, Bouches-de-Rhône, Isère, leg. M. Phalip, det. Tschorsnig; 1 ♀, Germany: Hessen, Darmstadt, Leeheim, leg. G.A. Langenbruch, det. Tschorsnig; 6 ♂, 1 ♀, Spain: Pontevedra, Pontevedra + Barrantes, leg. L. Monetti, det. Tschorsnig; 2 ♂, 3 ♀, Spain: Cataluña + Zaragoza + Madrid, leg. M. González Núñez, det. Tschorsnig; 1 ♀, Turkey: Bala-Karakeçili, Ankara, leg. Y. Özdemir, det. Herting

*Sesamia nonagrioides* Lefèbvre (Lepidoptera: Noctuidae) – 2 ♂, 1 ♀, Spain: Madrid + Galicia, leg. M. González Núñez, det. Tschorsnig; 1 ♀, Spain: Pontevedra, Barrantes, leg. L. Monetti, det. Tschorsnig

*Macquartia dispar* Fallén

*Chrysolina americana* Linnaeus (Coleoptera: Chrysomelidae) – 3 ♀, Italy: Bologna, leg. R. Farneti, det. Tschorsnig (IEGG)

*Macquartia tenebricosa* Meigen

*Chrysolina americana* Linnaeus (Coleoptera: Chrysomelidae) – 1 ♂, 2 ♀, Italy: Bologna, leg. R. Farneti, det. Tschorsnig (IEGG)

*Masicera pavoniae* Robineau-Desvoidy

*Saturnia pavonia* Linnaeus (Lepidoptera: Saturniidae) – 2 ♂, 1 ♀, Germany: Baden-Württemberg, Murr, leg. J. Hermann, det. Tschorsnig (RSME); 3 ♀, Germany: Baden-Württemberg, Schwäbische Alb, Hausen, leg. ?A. Greb, det. Tschorsnig (SMNS)

*Saturnia pyri* Denis & Schiffermüller (Lepidoptera: Saturniidae) – 1 ♀, Germany: Baden-Württemberg, Murr, leg. J. Hermann, det. Tschorsnig (RSME); 1 ♂, 2 ♀, Hungary: Simontornya, leg. J. Hermann, det. Tschorsnig (RSME); 4 ♂, 1 ♀, Romania: locality unknown, leg. E. Späth, det. Tschorsnig (CKD)

*Masicera sphingivora* Robineau-Desvoidy

*Cucullia lychnitis* Rambur (Lepidoptera: Noctuidae) – 4 ♂, Switzerland: Valais, Brig, Termen (950 m), leg. Neumayr, det. Tschorsnig (CKD)

*Hyles centralasiae* Staudinger (Lepidoptera: Sphingidae) – 5 ♂, 6 ♀, Turkey: Capadocia, Topuzdagi Gecidi, leg. D. Bartsch, det. Tschorsnig (SMNS)

*Hyles euphorbiae* Linnaeus (Lepidoptera: Sphingidae) – 1 ♂, 1 ♀, Croatia: Rovinj, leg. ?A. Greb, det. Tschorsnig (SMNS); 1 ♂, 1 ♀, Yugoslavia: locality unknown, leg. A. Kocak, det. Tschorsnig

*Hyles hippophaes* Esper (Lepidoptera: Sphingidae) – 2 ♀, Switzerland: Valais, Susten, Pfywald, leg. D. Bartsch, det. Tschorsnig (SMNS)

*Hyles vespertilio* Esper (Lepidoptera: Sphingidae) – 1 ♂, Switzerland: Valais, Gampel b.Goppenstein (750 m), leg. K. Nimmerfroh, det. Tschorsnig (SMNS); 5 ♀, Switzerland: Valais, Pfywald, leg. G. Hein, det. Tschorsnig; 1 ♀, same, leg. H. Buser (ETHZ)

*Leucoma salicis* Linnaeus (Lepidoptera: Lymantriidae) – 1 ♀, Turkey: Nigde-Yarhisar, leg. Y. Özdemir, det. Herting; 6 ♂, 1 ♀, Turkey: Tokat, surroundings, leg. K. Kara, det. Herting

*Nymphalis polychloros* Linnaeus (Lepidoptera: Nymphalidae) – 2 ♀, Italy: Liguria, Savona, Andora, Barò, leg. V.Cameron-Curry, det. Tschorsnig

*Medina collaris* Fallén

*Pyrrhalta viburni* Paykull (Coleoptera: Chrysomelidae) – 1 ♂, 3 ♀, Switzerland: Jura, St. Ursanne + Delemont + Vicques, leg. M. Kenis, det. Tschorsnig

*Meigenia dorsalis* Meigen

*Chrysolina americana* Linnaeus (Coleoptera: Chrysomelidae) – 1 ♂, Italy: Bologna, leg. R. Farneti, det. Tschorsnig (IEGG)

*Phytodecta rufipes* DeGeer (Coleoptera: Chrysomelidae) – 1 ♂, Germany: Hessen, Gießen, surroundings, leg. Henneberg, det. Herting (DEI)

*Meigenia mutabilis* Fallén

*Gastrophysa viridula* DeGeer (Coleoptera: Chrysomelidae) – 3 ♂, 3 ♀, Switzerland: Jura, St. Ursanne, leg. M. Kenis, det. Tschorsnig

*Meigenia simplex* Tschorsnig & Herting

*Lilioceris lillii* Scopoli (Coleoptera: Chrysomelidae) – 3 ♂, France: Haute-Saône, Vesoul, Demangevelle, leg. M. Kenis, det. Tschorsnig

*Meigenia uncinata* Mesnil

*Agelastica alni* Linnaeus (Coleoptera: Chrysomelidae) – 5 ♂, 6 ♀, Spain: Navarra, Larrasoania + Lizaso, leg. J.J. Lipa, det. Tschorsnig

*Microsoma exiguum* Meigen

*Coniatus tamarisci* Fabricius (Coleoptera: Curculionidae) – 1 ♂, Italy: Pisa, leg. Campobasso, det. Tschorsnig

*Myxexoristops hertingi* Mesnil

*Acantholyda erythrocephala* Linnaeus (Hymenoptera: Pamphiliidae) – 3 ♂, 3 ♀, Italy: Sangano, leg. K. Kloosterman, det. Tschorsnig

*Acantholyda pumilionis* Giraud (Hymenoptera: Pamphiliidae) on *Pinus cembra* L. (Pinaceae) – 2 ♂, Switzerland: Graubünden, Maloja (1810 m), leg. K. Kloosterman, det. Tschorsnig

*Nemoraea pellucida* Meigen

*Hyphantria cunea* Drury (Lepidoptera: Arctiidae) – 1 ♀, Turkey: Saricakaya-Adapazari, leg. Y. Özdemir, det. Herting

*Sesamia nonagrioides* Lefèbvre (Lepidoptera: Noctuidae) – 1 ♂, 1 ♀, Spain: Pontevedra, Valongo + Barrantes, leg. L. Monetti, det. Tschorsnig

*Nemorilla floralis* Fallén

*Acleris rhombana* Denis & Schiffermüller (Lepidoptera: Tortricidae) – 4 ♀, Romania: Iasi, leg. A. Diaconu, det. Tschorsnig

*Adoxophyes orana* Fischer v. Röslerstamm (Lepidoptera: Tortricidae) – 1 ♂, Romania: Iasi, leg. A. Diaconu, det. Tschorsnig

*Archips rosana* Linnaeus (Lepidoptera: Tortricidae) – 2 ♂, 2 ♀, Romania: Iasi, leg. A. Diaconu, det. Tschorsnig

*Pleuroptya ruralis* Scopoli (Lepidoptera: Pyralidae) – 1 ♂, Great Britain: Oxon, Cholsey, leg. M.R. Shaw, det. Tschorsnig

*Rhopobota naevana* Hübner (Lepidoptera: Tortricidae) – 2 ♂, Romania: Iasi, leg. A. Diaconu, det. Tschorsnig

*Nemorilla maculosa* Meigen

*Melitaea didymoides* Eversmann (Lepidoptera: Nymphalidae) – 1 ♂, Russia: Buryatia, SW Ulan Ude, Ubukun, leg. N. Wahlberg, det. Tschorsnig

*Yponomeuta mahalebella* Guenée (Lepidoptera: Yponomeutidae) – 7 ♂, 11 ♀, Spain: Jaén, Sierra de Cazorla, Poyo Marquillo, leg. C. Alonso, det. Tschorsnig

*Zygaena fausta* Linnaeus (Lepidoptera: Zygaenidae) – 2 ♀, Portugal: Beja, Milfontes, 1 km W. Brunheiras, leg. C. Naumann, det. Tschorsnig (ZFMK)

*Nilea hortulana* Meigen

*Acronicta psi* Linnaeus (Lepidoptera: Noctuidae) – 2 ♂, 2 ♀, The Netherlands: Gelderland, Ryswik, leg. C.A. van Luidam, det. Tschorsnig (SMNS)

*Nilea rufiscutellaris* Zetterstedt

*Acronicta auricoma* Denis & Schiffermüller (Lepidoptera: Noctuidae) – 1 ♂, Poland: Strachov k.Wyzzkova, leg. C. Bystrowski, det. Tschorsnig

*Ocytata pallipes* Fallén

*Forficula auricularia* Linnaeus (Dermaptera: Forficulidae) – 2 ♂, 1 ♀, Belgium: Waterloo + Braine l'Alleud, leg. S. Jonas, det. Tschorsnig

*Onychogonia cervini* Bigot

*Gnophos caelibaria* Herrich-Schäffer (Lepidoptera: Geometridae) – 2 ♀, Switzerland: Bern, Berner Oberland, Konkordiahütte (2847 m), leg. K. Kusdas, det. Tschorsnig (BIZL)

*Orodemnias cervini* Fallou (Lepidoptera: Arctiidae) – 1 ♀, Switzerland: Valais, Täsch (3250 m), leg. H. Buser, det. Tschorsnig (ETHZ)

*Pales murina* Mesnil

*Thiacidas postica* Walker (Lepidoptera: Noctuidae) – 1 ♂, 1 ♀, Iran: Persian Gulf, Genaveh, leg. N. Farrar, det. Tschorsnig

*Pales pavidata* Meigen

*Abraxas pantaria* Linnaeus (Lepidoptera: Geometridae) – 3 ♂, 1 ♀, Spain: Barcelona + Girona, Tordera + Riudarenes, leg. J. Pujade, det. Tschorsnig

*Acronicta psi* Linnaeus (Lepidoptera: Noctuidae) – 1 ♀, France: Var, Massif de la Ste Baume, leg. M.R. Shaw, det. Tschorsnig

*Cerura vinula* Linnaeus (Lepidoptera: Notodontidae) – 1 ♂, France: Vaucluse, Mt.Serein (1100 m), leg. M.R. Shaw, det. Tschorsnig

*Euproctis chrysorrhoea* Linnaeus (Lepidoptera: Lymantriidae) – 5 ♀, Italy: Potenza, Pignola, leg. D. Battaglia, det. Tschorsnig (IEGG)

*Leucoma salicis* Linnaeus (Lepidoptera: Lymantriidae) – 2 ♀, Turkey: Tokat, surroundings, leg. K. Kara, det. Herting

*Orgyia dubia* Tauscher (Lepidoptera: Lymantriidae) – 1 ♂, Italy: Sicilia, between Marsala a.Trapani, leg. U. Nardelli, det. Tschorsnig (SMNS)

*Parnassius apollo* Linnaeus (Lepidoptera: Papilionidae) – 1 ♂, 1 ♀, France: ?Western Alps, leg. M. Deschamps-Cottin [?host infestation by parasitoid eggs on food], det. Herting

*Simyra dentinosa* Freyer (Lepidoptera: Noctuidae) – 2 ♂, 8 ♀, Greece: Drama, Perithorio, leg. D. Bartsch, det. Tschorsnig (SMNS)

*Pales processionae* Ratzeburg

*Hoplodrina respersa* Denis & Schiffermüller (Lepidoptera: Noctuidae) – 1 ♀, Germany: Baden-Württemberg, Stuttgart-Feuerbach, leg. D. Bartsch [host infestation by parasitoid eggs on food], det. Tschorsnig (SMNS)

*Noctua fimbriata* Schreber (Lepidoptera: Noctuidae) – 2 ♂, Spain: Jaén, Cuevas Bermejas, leg. C. Alonso, det. Tschorsnig

*Noctua janthe* Borkhausen (Lepidoptera: Noctuidae) – 1 ♀, Spain: Jaén, Cuevas Bermejas, leg. C. Alonso, det. Tschorsnig

*Noctua janthina* Denis & Schiffermüller (Lepidoptera: Noctuidae) – 2 ♂, Germany: Baden-Württemberg, Stuttgart-Feuerbach, leg. D. Bartsch [host infestation by parasitoid eggs on food], det. Tschorsnig (SMNS)

*Thaumetopoea processionea* Linnaeus (Lepidoptera: Thaumetopoeidae) – 1 ♀, Germany: Bayern, Würzburg, Veitshöchheim, leg. C. Schulze, det. Tschorsnig

#### *Palesisa nudioculata* Villeneuve

*Euproctis chryorrhoea* Linnaeus (Lepidoptera: Lymantriidae) – 1 ♂, Turkey: Tokat, surroundings, leg. K. Kara, det. Herting

*Leucoma salicis* Linnaeus (Lepidoptera: Lymantriidae) – 1 ♂, Turkey: Nigde-Yarhirsar, leg. Y. Özdemir, det. Herting

#### *Paratryphera bisetosa* Brauer & Bergenstamm

*Hemistola chrysoprasaria* Esper (Lepidoptera: Geometridae) – 1 ♂, 1 ♀, Austria: Oberösterreich, Linz, leg. S. Schachowskoj, det. Tschorsnig (BIZL)

#### *Pelatachina tibialis* Fallén

*Aglais urticae* Linnaeus (Lepidoptera: Nymphalidae) – 2 ♀, Germany: Baden-Württemberg, Kr. Böblingen, Waldenbuch, leg. A. Greb, det. Tschorsnig (SMNS); 2 ♂, 1 ♀, Germany: Baden-Württemberg, Kr. Calw, Gechingen, leg. A. Greb, det. Tschorsnig (SMNS); 1 ♂, 1 ♀, Germany: Baden-Württemberg, Kr. Leonberg, Malsheim, Balgenberg, leg. A. Greb, det. Tschorsnig (SMNS)

#### *Peribaea apicalis* Robineau-Desvoidy

*Pachynemias hippocastanaria* Hübner (Lepidoptera: Geometridae) – 1 ♂, Germany: Nordrhein-Westfalen, Köln, Wahner Heide, leg. W. Topp, det. Tschorsnig (SMNS)

#### *Peribaea setinervis* Thomson

*Agriopsis marginaria* Fabricius (Lepidoptera: Geometridae) – 1 ♂, 1 ♀, Yugoslavia: Serbia, M. Mostan, leg. M. Glavendekic, det. Tschorsnig

*Erannis defoliaria* Clerck (Lepidoptera: Geometridae) – 1 ♀, Yugoslavia: Serbia, V. silos, leg. M. Glavendekic, det. Tschorsnig

#### *Peribaea tibialis* Robineau-Desvoidy

*Helicoverpa armigera* Hübner (Lepidoptera: Noctuidae) – 1 ♂, Spain: Pontevedra, Pontevedra, leg. L. Monetti, det. Tschorsnig

*Mythimna unipuncta* Haworth (Lepidoptera: Noctuidae) – 2 ♂, 1 ♀, Iran: N. Iran, leg. H. Abbasipour, det. Tschorsnig

*Sesamia nonagrioides* Lefèbvre (Lepidoptera: Noctuidae) – 1 ♀, Spain: Pontevedra, Pontevedra, leg. L. Monetti, det. Tschorsnig

#### *Periscepsia carbonaria* Panzer

*Melanchra pisi* Linnaeus (Lepidoptera: Noctuidae) – 2 ♂, Germany: Bayern, Erlangen, leg. ?Kusarnitza, det. Tschorsnig (CKD)

#### *Pexopsis aprica* Meigen

*Melolontha melolontha* Linnaeus (Coleoptera: Scarabaeidae) – 1 ♂, Poland: Bytów (near Slupsk), leg. C. Bystrowski, det. Tschorsnig (SMNS); 1 ♂, Poland: Suwatki, leg. Tarwacki, det. Tschorsnig

*Phasia aurigera* Egger

*Palomena prasina* Linnaeus (Hemiptera: Pentatomidae) – 4 ♂, 10 ♀, Italy: Cuneo, Cravanzana, Cerretto Laughe, Serravalle Langhe + Alta Langa, leg. C. Sonnati, det. Tschorsnig

*Phorinia aurifrons* Robineau-Desvoidy

*Agonopterix fuvella* Treitschke (Lepidoptera: Oecophoridae) – 2 ♀, Germany: Bayern, Etterzhausen, Greifenberg, leg. ?K. v.d.Dunk, det. Tschorsnig (CKD)

*Agonopterix scopariella* Heinemann (Lepidoptera: Oecophoridae) – 1 ♂, 2 ♀, Germany: Nordrhein-Westfalen, Köln, Königsforst, leg. W. Topp, det. Tschorsnig (SMNS)

*Phorocera obscura* Fallén

*Operophtera brumata* Linnaeus (Lepidoptera: Geometridae) – 6 ♂, 10 ♀, Germany: Baden-Württemberg, Heuchlingen + Lautenbach, leg. P. Galli, det. Tschorsnig

*Phryxe erythrostoma* Hartig

*Hyloicus pinastris* Linnaeus (Lepidoptera: Sphingidae) – 4 ♂, Germany: Baden-Württemberg, Horb-Hohenb., leg. C. Dietz, det. Tschorsnig; 4 ♂, 2 ♀, Switzerland: Neuchâtel, leg. A. Schertenleib, det. Tschorsnig (MNH)

*Phryxe heraclei* Meigen

*Philudoria potatoria* Linnaeus (Lepidoptera: Lasiocampidae) – 2 ♂, Germany: Baden-Württemberg, Bad Säckingen, leg. G. Hein, det. Tschorsnig

*Phryxe magnicornis* Zetterstedt

*Euchloe ausonia* Hübner (Lepidoptera: Pieridae) – 2 ♀, Russia: Tula region, leg. A. Danchenko, det. Tschorsnig (ZFMK)

*Zygaena carniolica* Scopoli (Lepidoptera: Zygaenidae) – 1 ♀, Russia: Middle Volga region, leg. A. Danchenko, det. Tschorsnig (ZFMK)

*Zygaena trifolii* Esper (Lepidoptera: Zygaenidae) – 1 ♂, 3 ♀, France: Bretagne, Belle Ile: Port Coton + Kardonis, leg. C. Esch, det. Tschorsnig (ZFMK)

*Phryxe nemea* Meigen

*Abrostola asclepiadis* Denis & Schiffermüller (Lepidoptera: Noctuidae) – 1 ♀, Austria: Oberösterreich, Schieferstein, Himstal (1180 m), leg. K. Kusdas, det. Tschorsnig (BIZL)

*Ectropis crepuscularia* Denis & Schiffermüller (Lepidoptera: Geometridae) – 1 ♀, The Netherlands: Gelderland, Randwyk, leg. C.A. van Luidam, det. Tschorsnig (SMNS)

*Erannis defoliaria* Clerck (Lepidoptera: Geometridae) – 1 ♂, 2 ♀, The Netherlands: Gelderland, Ryswik + Randwyk, leg. C.A. van Luidam, det. Tschorsnig (SMNS); 2 ♂, 6 ♀, Yugoslavia: Serbia, V.silos + Bunovik, leg. M. Glavendekic, det. Tschorsnig

*Gonepteryx rhamni* Linnaeus (Lepidoptera: Pieridae) – 1 ♂, Germany: Baden-Württemberg, Schwarzwald, W. Neubulach, Martinsmoos, leg. C. Häuser, det. Tschorsnig (SMNS)

*Melanchra persicariae* Linnaeus (Lepidoptera: Noctuidae) – 3 ♂, 2 ♀, Switzerland: Thurgau, Lengwil, leg. E. Hafner, det. Tschorsnig (ETHZ)

*Naenia typica* Linnaeus (Lepidoptera: Noctuidae) – 2 ♂, The Netherlands: Gelderland, Ryswik + Randwyk, leg. C.A. van Luidam, det. Tschorsnig (SMNS)

*Phlogophora scita* Hübner (Lepidoptera: Noctuidae) – 1 ♂, 4 ♀, Germany: Baden-Württemberg, Schwäb. Alb, Umgeb. Urach, leg. H. Jüngling, det. Tschorsnig (SMNS)

*Thyatira batis* Linnaeus (Lepidoptera: Thyatiridae) – 2 ♀, The Netherlands: Hoenderloo, leg. C.A. van Luidam, det. Tschorsnig (SMNS)

*Phryxe prima* Brauer & Bergenstamm

*Zygaena cocandica* Erschov (Lepidoptera: Zygaenidae) – 3 ♀, Uzbekistan: Hissar, leg. A. Hofmann, det. Tschorsnig (SMNS)

*Zygaena sogdiana* Erschov (Lepidoptera: Zygaenidae) – 6 ♀, Uzbekistan: Tshimgan + Aksakata vic, leg. A. Hofmann, det. Tschorsnig (SMNS)

*Phryxe unicolor* Villeneuve

*Abraxas pantaria* Linnaeus (Lepidoptera: Geometridae) – 5 ♂, 8 ♀, Spain: Barcelona + Girona, Tordera + Riudarenes, leg. J. Pujade, det. Tschorsnig

*Phryxe vulgaris* Fallén

*Aglais urticae* Linnaeus (Lepidoptera: Nymphalidae) – 1 ♂, 2 ♀, Switzerland: Neuchâtel, Seyon, Val de Ruz, leg. ?J.P. Haenni, det. Tschorsnig (MNHN)

*Anthocharis cardamines* Linnaeus (Lepidoptera: Pieridae) – 1 ♀, ?Germany: leg. ?A. Greb, det. Tschorsnig (SMNS); 2 ♀, Switzerland: Aargau, Thalheim, Staffelegg, leg. G. Hein, det. Tschorsnig

*Autographa gamma* Linnaeus (Lepidoptera: Noctuidae) – 1 ♂, Germany: Berlin-Gütersfelde, leg. ?H. Bathon, det. Tschorsnig

*Ochlodes venata* Bremer & Grey (Lepidoptera: HesperIIDae) – 1 ♀, Poland: Biebnanski, leg. C. Bystrowski, det. Tschorsnig

*Thecla betulae* Linnaeus (Lepidoptera: Lycaenidae) – 1 ♂, Russia: Tula region, leg. ?A. Danchenko, det. Tschorsnig (SMNS)

*Zygaena fausta* Linnaeus (Lepidoptera: Zygaenidae) – 1 ♂, 3 ♀, Portugal: Beja, Milfontes, 1 km W. Brunheiras, leg. C. Naumann, det. Tschorsnig (ZFMK)

*Zygaena hippocrepitis* Hübner (Lepidoptera: Zygaenidae) – 1 ♂, Germany: Baden-Württemberg, Blaubeuren, leg. H. Reiss, det. Tschorsnig (SMNS)

*Phytomyptera cingulata* Robineau-Desvoidy

*Agnathosia mendicella* Denis & Schiffermüller (Lepidoptera: Tineidae) – 47 ♂, 67 ♀, Finland: north-eastern Finland, leg. A. Komonen, det. Tschorsnig; 2 ♀, Germany: Hamburg, Hamburg-Wohldorf, leg. C. Vetter, det. Tschorsnig

*Nemapogon gliriellus* Heyden (Lepidoptera: Tineidae) – 1 ♂, Germany: Baden-Württemberg, Stuttgart-Feuerbach, leg. D. Bartsch, det. Tschorsnig (SMNS)

*Nemaxera betulinella* Fabricius (Lepidoptera: Tineidae) – 1 ♂, 1 ♀, Germany: Niedersachsen, Wendland, Pevestorf, leg. C. Vetter, det. Tschorsnig

*Phytomyptera nigrina* Meigen

*Lobesia botrana* Denis & Schiffermüller (Lepidoptera: Tortricidae) – 1 ♂, 3 ♀, Italy: Bologna, leg. ?G. Campadelli, det. Tschorsnig (IEGG); 31 ♂, 25 ♀, Italy: Torino, Settimo Vittone + Caravino + Azeglio, leg. A. Alma, det. Tschorsnig

*Pseudoperichaeta nigrolineata* Walker

*Adoxophyes orana* Fischer v. Röslerstamm (Lepidoptera: Tortricidae) – 96 ♂, 86 ♀, Germany: Baden-Württemberg, 25 localities, leg. P. Galli, det. Tschorsnig

*Archips rosana* Linnaeus (Lepidoptera: Tortricidae) – 5 ♂, 2 ♀, Romania: Iasi, leg. A. Diaconu, det. Tschorsnig

*Ostrinia nubilalis* Hübner (Lepidoptera: Pyralidae) – 4 ♂, 1 ♀, France: Haute-Garonne, Narbons + Bérat, leg. M. Phalip, det. Tschorsnig

*Pseudoperichaeta palesoidea* Robineau-Desvoidy

*Tortrix viridana* Linnaeus (Lepidoptera: Tortricidae) – 1 ♂, Spain: Lérida, Martinet (La Cerdanya), leg. J. Pujade, det. Tschorsnig

*Ramonda prunicia* Herting

*Discestra sodae* Rambur (Lepidoptera: Noctuidae) – 1 ♂, 2 ♀, Spain: Zaragoza, Juslibol (245 m), leg. G.E. King, det. Tschorsnig

*Ramonda ringdahli* Villeneuve

*Apamea unanimitis* Hübner (Lepidoptera: Noctuidae) – 2 ♂, Austria: Tirol, Tristach, leg. H. Deutsch, det. Tschorsnig

*Ramonda spathulata* Fallén

*Epilecta linogrisea* Denis & Schiffermüller (Lepidoptera: Noctuidae) – 1 ♂, Germany: Baden-Württemberg, Hörden, Scheibenberg, leg. D. Bartsch, det. Tschorsnig (SMNS)

*Noctua janthe* Borkhausen (Lepidoptera: Noctuidae) – 1 ♀, Spain: Jaén, Roblehondo, leg. C. Alonso, det. Tschorsnig

*Rondania dimidiata* Meigen

*Otiorhynchus ligustici* Linnaeus (Coleoptera: Curculionidae) – 1 ♂, Germany: Baden-Württemberg, Beuron, leg. K. Dengler, det. Tschorsnig (SMNS)

*Senometopia lena* Richter

*Abraxas pantaria* Linnaeus (Lepidoptera: Geometridae) – 4 ♂, 3 ♀, Spain: Barcelona + Girona, Tordera + Riudarenes, leg. J. Pujade, det. Tschorsnig

*Senometopia separata* Rondani

*Lymantria dispar* Linnaeus (Lepidoptera: Lymantriidae) – 2 ♂, 1 ♀, Turkey: Tokat, surroundings, leg. K. Kara, det. Herting

*Sturmia bella* Meigen

*Aglais urticae* Linnaeus (Lepidoptera: Nymphalidae) – 1 ♀, France: Vaucluse, Mt.Ventoux, Combe Brune, leg. M.R. Shaw, det. Tschorsnig

*Araschnia levana* Linnaeus (Lepidoptera: Nymphalidae) – 1 ♀, Germany: Baden-Württemberg, Stuttgart-Rohr, leg. Vogt, det. Tschorsnig (SMNS); 1 ♀, Switzerland: Thurgau, Müllheim, leg. K. Grimm, det. Tschorsnig (ETHZ)

*Inachis io* Linnaeus (Lepidoptera: Nymphalidae) – 3 ♀, Czech Republic: Bakov nad Jiz., leg. Sova, det. Tschorsnig; 2 ♂, Spain: Barcelona, Sant Pere de Vilamajor, leg. C. Stefanescu, det. Tschorsnig

*Nymphalis antiopa* Linnaeus (Lepidoptera: Nymphalidae) – 3 ♂, 1 ♀, Italy: Trentino, Levico, leg. A. Greb, det. Tschorsnig (SMNS)

*Pieris brassicae* Linnaeus (Lepidoptera: Pieridae) – 1 ♂, Italy: Bologna, leg. G. Campadelli, det. Tschorsnig (IEGG)

*Polygonia c-album* Linnaeus (Lepidoptera: Nymphalidae) – 3 ♂, 1 ♀, Germany: Baden-Württemberg, Bad Säckingen, leg. G. Hein, det. Tschorsnig; 1 ♀, Spain: Barcelona, Sant Pere de Vilamajor, leg. C. Stefanescu, det. Tschorsnig

*Vanessa atalanta* Linnaeus (Lepidoptera: Nymphalidae) – 1 ♂, 1 ♀, Spain: Barcelona, Sant Pere de Vilamajor, leg. C. Stefanescu, det. Tschorsnig

*Tachina fera* Linnaeus

*Polia nebulosa* Hufnagel (Lepidoptera: Noctuidae) – 1 ♂, Germany: Baden-Württemberg, Markgröningen-Rotenacker, leg. D. Bartsch, det. Tschorsnig (SMNS)

*Tachina grossa* Linnaeus

*Hyloicus pinastri* Linnaeus (Lepidoptera: Sphingidae) – 1 ♀, Germany: Bayern, Hemhofen, leg. K. v.d.Dunk, det. Tschorsnig (CKD)

*Tachina praeceps* Meigen

*Euproctis chrysorrhoea* Linnaeus (Lepidoptera: Lymantriidae) – 2 ♀, Iran: East Aserbaijan, Tabriz, Arasbaran Forests (1500-1700 m), leg. M. Nikdel, det. Tschorsnig (SMNS); 1 ♂, Turkey: Nigde-Yarhirsar, leg. Y. Özdemir, det. Herting; 4 ♂, 4 ♀, Turkey: Tokat, surroundings, leg. K. Kara, det. Herting

*Macrothylacia rubi* Linnaeus (Lepidoptera: Lasiocampidae) – 1 ♀, Italy: Piemonte, Cuneo, Valdieri, leg. V. Cameron-Curry, det. Tschorsnig

*Townsendiellomyia nidicola* Townsend

*Euproctis chrysorrhoea* Linnaeus (Lepidoptera: Lymantriidae) – 1 ♂, 2 ♀, Italy: Pantelleria Island, leg. G. Lo Verde, det. Herting; 3 ♀, Italy: Potenza, Pignola, leg. D. Battaglia, det. Tschorsnig (IEGG); 2 ♀, Spain: Barcelona, Mataró, leg. C. Stefanescu, det. Tschorsnig; 2 ♂, 11 ♀, Turkey: Tokat, surroundings, leg. K. Kara, det. Herting

*Vibrissina turrata* Meigen

*Phymatocera aterrima* Klug (Hymenoptera: Tenthredinidae) – 1 ♀, Germany: Bayern, Nürnberg, leg. M. Kraus, det. Tschorsnig

*Voria ruralis* Fallén

*Autographa gamma* Linnaeus (Lepidoptera: Noctuidae) – 1 ♂, Iran: Mazandaran, leg. M. Parchami-Araghi, det. Tschorsnig; 1 ♂, Turkey: Nigde-Ulukisla, leg. Y. Özdemir, det. Herting

*Diachrysia chrysitis* Linnaeus (Lepidoptera: Noctuidae) – 1 ♂, 2 ♀, Germany: Baden-Württemberg, Engstlatt b. Balingen, leg. D. Bartsch, det. Tschorsnig (SMNS)

*Wagneria cunctans* Meigen

*Trigonophora flammea* Esper (Lepidoptera: Noctuidae) – 1 ♂, 2 ♀, Spain: Jaén, Sierra de Cazorla, Roblehondo, leg. C. Alonso, det. Tschorsnig

*Winthemia cruentata* Rondani

*Sphinx ligustri* Linnaeus (Lepidoptera: Sphingidae) – 4 ♂, 2 ♀, Austria: Oberösterreich, Linz, leg. Wollersdorfer, det. Tschorsnig (BIZL)

*Winthemia pruinosa* Gil

*Abraxas pantaria* Linnaeus (Lepidoptera: Geometridae) – 3 ♂, Spain: Barcelona, Tordera, leg. J. Pujade, det. Tschorsnig

*Winthemia quadripustulata* Fabricius

*Cucullia lychnitis* Rambur (Lepidoptera: Noctuidae) – 1 ♂, Switzerland: Valais, Blitzingen, leg. Neumayr, det. Tschorsnig (CKD)

*Cucullia scrophulariae* Denis & Schiffermüller (Lepidoptera: Noctuidae) – 3 ♂, 1 ♀, Germany: Baden-Württemberg, Stuttgart, leg. A. Greb, det. Tschorsnig (SMNS)

*Cucullia verbasci* Linnaeus (Lepidoptera: Noctuidae) – 1 ♀, Switzerland: Bern, Biel, Jorat (760 m), leg. R. Bryner, det. Tschorsnig (NMBE)

*Zenillia libatrix* Panzer

*Aglaope infausta* Linnaeus (Lepidoptera: Zygaenidae) – 1 ♂, Spain: Navarra, Pamplona, leg. J.J. Lipa, det. Tschorsnig

*Thaumetopoea processionea* Linnaeus (Lepidoptera: Thaumetopoeidae) – 1 ♀, Belgium: Turnhout, Ravels bos, leg. J. Bau, det. Tschorsnig

*Tortrix viridana* Linnaeus (Lepidoptera: Tortricidae) – 1 ♂, Spain: Lérida, Martinet (La Cerdanya), leg. J. Pujade, det. Tschorsnig

*Zeuxia aberrans* Loew

*Deroplia annulicornis* Brullé (Coleoptera: Cerambycidae) – 2 ♀, Spain: Canary Isles, Gomera + Tenerife, leg. P. Schurmann, det. Tschorsnig

*Deroplia gertiana* Sama (Coleoptera: Cerambycidae) – 4 ♂, 3 ♀, Spain: Canary Isles, Tenerife, Igueste, Arona + Tamaimo, leg. P. Schurmann, det. Tschorsnig

*Deroplia hesperus* Wollaston (Coleoptera: Cerambycidae) – 1 ♂, 4 ♀, Spain: Canary Isles, Gomera + El Hierro, leg. P. Schurmann, det. Tschorsnig

*Phytoecia millefolii* Adams (Coleoptera: Cerambycidae) – 1 ♀, Cyprus: Pyrga, leg. P. Schurmann, det. Tschorsnig

*Zeuxia subapennina* Rondani

*Phytoecia cylindrica* Linnaeus (Coleoptera: Cerambycidae) – 1 ♂, 2 ♀, Croatia: Istrien, Ucka, leg. P. Schurmann, det. Tschorsnig

*Zeuxia zernyi* Mesnil

*Agapanthia villosoviridescens* DeGeer (Coleoptera: Cerambycidae) on *Gentiana lutea* L. (Gentianaceae) – 3 ♂, 2 ♀, France: Lozère, Lac de St. Andéol (1250 m), leg. J. Carrière, det. Tschorsnig

## **HYMENOPTERA**

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### **Braconidae**

*Aleiodes coxalis* Spinola

*Holoarctica cervini hnatecki* Frey (Lepidoptera: Arctiidae) – 1 ♀, Switzerland: Valais, Turtmantal, Augstbordpass, leg. Gerber, det. Achterberg (NMBE)

*Apanteles circumscriptus* Nees

*Phyllonorycter leucographella* Zeller (Lepidoptera: Gracillariidae) – 3 ♀, Germany: Baden-Württemberg, Öhringen, leg. Schrameyer, det. Papp (HNHM)

*Apanteles sicarius* Marshall

*Plutella xylostella* Linnaeus (Lepidoptera: Plutellidae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 2 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Achterberg (FiBL)

*Aphaereta minuta* Nees

*Delia radicum* Linnaeus (Diptera: Anthomyiidae) on *Brassica rapa* L. (Brassicaceae) – 1 ♀, Canada: Manitoba, 100 km W of Winnipeg, Carman, leg. Hemechandra, det. Achterberg (NMBE)

*Aphidius colemani* Viereck

*Aphis gossypii* Glover (Hemiptera: Aphididae) on *Hibiscus* sp. (Malvaceae) – 1 ♀, Greece: Athens, leg. Lykouressis, det. Stary (IECA)

*Macrosiphum euphorbiae* Thomas (Hemiptera: Aphididae) – 1 ♂, 1 ♀, Germany: Niedersachsen, Braunschweig, leg. Hommes, det. Stary

*Myzus persicae* Sulzer (Hemiptera: Aphididae) on *Prunus persica* (L.) Batsch (Rosaceae) – 1 ♂, 3 ♀, Greece: Peloponnes, Patras, leg. Domma-Petridou, det. Stary (IECA)

*Aphidius ervi* Haliday

*Acyrtosiphum pisum* Harris (Hemiptera: Aphididae) on *Medicago falcata* L. (Fabaceae) – 1 ♀, Greece: Athens, leg. Lykouressis, det. Stary (IECA)

*Dysaphis plantaginea* Passerini (Hemiptera: Aphididae) – 2 ♀, Germany: Baden-Württemberg, Dossenheim, leg. Vogt, det. Stary (IECA)

*Ascogaster quadridentata* Wesmael

*Cydia nigricana* Fabricius (Lepidoptera: Tortricidae) – 1 ♂, Germany: Hessen, Baunatal, leg. Saucke [ex pupa, in pea fields], det. Achterberg (NMBE)

*Bracon brevicornis* Wesmael

*Homoeosoma nebullela* Denis & Schiffermüller (Lepidoptera: Pyralidae) on *Helianthus annuus* L. (Asteraceae) – 3 ♀, Hungary: Zrinyi, Bacsalmas Reg. Station, leg. Horvath, det. Achterberg (NMBE)

*Bracon fulvipes* Nees

*Chilo phragmitella* Hübner (Lepidoptera: Pyralidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 4 ♂, 6 ♀, Switzerland: Ticino, Locarno, Al Pizzante, leg. Kuske, det. Achterberg (RMNH); 1 ♂, 1 ♀, same (NMBE)

*Bracon triangularis* Nees

*Synanthedon andrenaeformis* Laspeyres (Lepidoptera: Sesiidae) – 1 ♀, Switzerland: Zug, Rotkreuz, leg. Hirschi, det. Achterberg (NMBE)

*Chelonus elaeaphilus* Silvestri

*Prays oleae* Bernald (Lepidoptera: Yponomeutidae) on *Olea europaea* L. (Oleaceae) – 2 ♂, 2 ♀, Syria: Idlib, Bakfalon, 60 km N Aleppo, leg. Yakti, det. Achterberg (RMNH); 2 ♂, 3 ♀, same (NMBE)

*Chelonus elongatus* Szépligeti

*Chilo phragmitella* Hübner (Lepidoptera: Pyralidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 1 ♂, Switzerland: Ticino, Locarno, Al Pizzante, leg. Kuske, det. Achterberg (RMNH)

*Cotesia callimone* Nixon

*Setina aurita* Esper (Lepidoptera: Arctiidae) – 1 ♀, Switzerland: Valais, Getwing, leg. Marmet, det. Achterberg (NMBE)

*Cotesia ferruginea* Marshall

*Chilo phragmitella* Hübner (Lepidoptera: Pyralidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 1 ♀, Switzerland: Ticino, Locarno, Al Pizzante, leg. Kuske, det. Achterberg (RMNH)

*Chilo phragmitella* Hübner (Lepidoptera: Pyralidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 6 ♀, Switzerland: Ticino, Locarno, Bolle di Magadino, leg. Kuske, det. Achterberg (RMNH); 1 ♀, same (NMBE)

*Cotesia glomerata* Linnaeus

*Pieris brassicae* Linnaeus (Lepidoptera: Pieridae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 5 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Achterberg (FiBL); 24 specimens, same, det. FiBL

*Pieris rapae* Linnaeus (Lepidoptera: Pieridae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 16 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. FiBL (FiBL)

*Pieris rapae* Linnaeus (Lepidoptera: Pieridae) on *Brassica oleracea* L. convar. *capitata* (L.) Alef. var. *rubra* DC. (Brassicaceae) – 4 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. FiBL (FiBL)

*Cotesia kurdjumovi* Telenga

*Mamestra brassicae* Linnaeus (Lepidoptera: Noctuidae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 1 specimen, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Achterberg (FiBL)

*Pyrgus fritillarius* Poda (Lepidoptera: HesperIIDae) – 3 ♀, Germany: Baden-Württemberg, Heidenheim, leg. Brockmann, det. Papp (HNHM)

*Cotesia plutellae* Kurdjumov

*Plutella xylostella* Linnaeus (Lepidoptera: Plutellidae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 4 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. FiBL (FiBL)

*Plutella xylostella* Linnaeus (Lepidoptera: Plutellidae) on *Brassica oleracea* L. convar. *capitata* (L.) Alef. var. *rubra* DC. (Brassicaceae) – 3 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Achterberg (FiBL)

*Pieris rapae* Linnaeus (Lepidoptera: Pieridae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 101 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. FiBL (FiBL)

*Cotesia vestalis* Haliday

*Evergestis forficalis* Linnaeus (Lepidoptera: Crambidae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 2 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. FiBL (FiBL)

*Pieris rapae* Linnaeus (Lepidoptera: Pieridae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 1 specimen, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. FiBL (FiBL)

*Dacnusa temula* Haliday

*Scaptomyza flava* Fallén (Diptera: Drosophilidae) on cabbage – 3 ♀, Germany: Baden-Württemberg, Heidenheim, leg. Schrameyer, det. Papp (HNHM)

*Diaeretiella rapae* M'Intosh

*Myzus persicae nicotianae* Blackman (Hemiptera: Aphididae) on *Nicotiana tabacum* L. (Solanaceae) – 1 ♀, Greece: Athens, leg. Lykouressis, det. Stary (IECA)

*Ephedrus persicae* Frogatt

*Dysaphis devecta* Walker (Hemiptera: Aphididae) – 2 ♀, Switzerland: Valais, Conthey, leg. Vuignier, det. Stary (IECA)

*Dysaphis pyri* Fonscolombe (Hemiptera: Aphididae) – 5 ♀, Switzerland: Valais, Conthey, leg. Vuignier, det. Stary (IECA)

*Helcon nunciator* Fabricius

*Callidium violaceum* Linnaeus (Coleoptera: Cerambycidae) – 1 ♀, Switzerland: Aargau, Oberwil, leg. Wermelinger, det. Achterberg (NMBE)

*Homolobus annulicornis* Nees

*Pseudaletia unipunctata* Haworth (Lepidoptera: Noctuidae) – 1 ♀, Switzerland: Ticino, Gudo, leg. Hächler, det. Achterberg (NMBE)

*Lysiphlebus cardui* Marshall

*Aphis fabae evonymi* Fabricius (Hemiptera: Aphididae) on *Rumex crispus* L. (Polygonaceae) – 2 ♀, Germany: Niedersachsen, Hannover, leg. Hildebrands, det. Stary (IECA)

*Lysiphlebus fabarum* Marshall

*Aphis fabae cirsiacanthoidis* Scopoli (Hemiptera: Aphididae) on *Rumex crispus* L. (Polygonaceae) – 2 ♀, Germany: Niedersachsen, Hannover, leg. Hildebrands, det. Stary (IECA)

*Aphis fabae mordvilkoii* Börner & Janisch (Hemiptera: Aphididae) on *Rumex crispus* L. (Polygonaceae) – 10 ♀, Germany: Niedersachsen, Hannover, leg. Hildebrands, det. Stary (IECA)

*Macrocentrus marginator* Nees

*Synanthedon formicaeformis* Esper (Lepidoptera: Sesiidae) – 1 ♀, Switzerland: Bern, Brienzwiler, Chrummeney, leg. Hirschi, det. Achterberg (NMBE)

*Microgaster famula* Nixon

*Ostrinia nubilalis* Hübner (Lepidoptera: Pyralidae) on *Zea mais* L. (Poaceae) – 3 ♂, 1 ♀, Switzerland: Ticino, Quartino, leg. Kuske, det. Achterberg (RMNH)

*Microplitis mediator* Haliday

*Mamestra brassicae* Linnaeus (Lepidoptera: Noctuidae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 38 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. FiBL (FiBL)

*Mamestra brassicae* Linnaeus (Lepidoptera: Noctuidae) on *Brassica oleracea* L. convar. *capitata* (L.) Alef. var. *alba* DC. (Brassicaceae) – 2 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. FiBL (FiBL)

*Mamestra brassicae* Linnaeus (Lepidoptera: Noctuidae) on *Brassica oleracea* L. convar. *capitata* (L.) Alef. var. *rubra* DC. (Brassicaceae) – 225 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. FiBL (FiBL)

*Praon exsoletum* Nees

*Therioaphis trifolii* Monell (Hemiptera: Aphididae) on *Medicago falcata* L. (Fabaceae) – 1 ♀, Greece: Athens, leg. Lykouressis, det. Stary (IECA)

*Praon volucre* Haliday

*Macrosiphum euphorbiae* Thomas (Hemiptera: Aphididae) on *Lycopersion esculentum* Mill. (Solanaceae) – 2 ♂, 2 ♀, Switzerland: Valais, Fully, leg. Fischer, det. Achterberg (RMNH); 8 ♀, same (NMBE)

*Myzus persicae nicotianae* Blackman (Hemiptera: Aphididae) on *Nicotiana tabacum* L. (Solanaceae) – 1 ♀, Greece: Athens, leg. Lykouressis, det. Stary (IECA)

*Protapanteles* near *parallelus* Lyle

*Mythimna* sp. (Lepidoptera: Noctuidae) on *Zea mais* L. (Poaceae) – 1 ♀, Spain: Galicia, Pontevedra, leg. Monetti [ex larva], det. Achterberg (NMBE)

*Sesamia nonagrioides* Lefèbvre (Lepidoptera: Noctuidae) on *Zea mais* L. (Poaceae) – 2 ♀, Spain: Galicia, Campano, leg. Monetti [ex larva], det. Achterberg (NMBE)

*Trioxyx angelicae* Haliday

*Aphis gossypii* Glover (Hemiptera: Aphididae) on *Hibiscus* sp. (Malvaceae) – 1 ♀, Greece: Athens, leg. Lykouressis, det. Stary (IECA)

*Aphis pomi* De Geer (Hemiptera: Aphididae) – 3 ♀, Switzerland: Valais, Conthey, leg. Vuignier, det. Stary (IECA)

**Chalcididae***Brachymeria tibialis* Walker

*Lymantria dispar* Linnaeus (Lepidoptera: Lymantriidae) – 1 ♂, 4 ♀, Syria: Aleppo, leg. Yakti, det. Vidal (CRY)

## Eulophidae

### *Achrysocharioides* sp.

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 1 ♂, Italy: Verona, Cola di Lazise, leg. Marchesini, det. Baur (CEM); 1 ♂, Italy: Verona, Costelnuovo del Garda, leg. Marchesini, det. Baur (CEM)

### *Aprostocetus calamarius* Graham

*Giraudiella inclusa* Frauenfeld (Diptera: Cecidomyiidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 10 ♂, 72 ♀, Germany: Bayern, München, Iffeldorf, leg. Eichiner [ex galls], det. Baur (NMBE)

### *Aprostocetus gratus* Giraud

*Giraudiella inclusa* Frauenfeld (Diptera: Cecidomyiidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 4 ♂, 16 ♀, Germany: Bayern, München, Iffeldorf, leg. Eichiner [ex galls], det. Baur (NMBE)

### *Aprostocetus longiscapus* Thomson

*Giraudiella inclusa* Frauenfeld (Diptera: Cecidomyiidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 8 ♂, 11 ♀, Germany: Bayern, München, Iffeldorf, leg. Eichiner [ex galls], det. Baur (NMBE)

### *Aprostocetus ?zosimus* Walker

*Resseliella theobaldi* Barnes (Diptera: Cecidomyiidae) on *Rubus idaeus* L. (Rosaceae) – 20 ♀, Germany: Niedersachsen, York nearby Stade, leg. Stockrahm, det. Vidal (CSV)

### *Aprostocetus* sp.

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 1 ♂, 1 ♀, Switzerland: Bern, Bern, leg. Lehmann, det. Baur (ZIUB)

*Ceutorhynchus typhae* Herbst (syn. *C. floralis* Paykull) (Coleoptera: Curculionidae) on *Capsella bursa-pastoris* (L.) Medik. (Brassicaceae) – 1 ♀, Germany: Schleswig-Holstein, Kiel, Scharnhagen, leg. Klander, det. Baur (CABI)

### *Baryscapus galactopus* Ratzeburg

*Pieris rapae* Linnaeus (Lepidoptera: Pieridae) on *Brassica oleracea* L. convar. *capitata* (L.) Alef. var. *rubra* DC. (Brassicaceae) – 1 specimen, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Baur (FiBL)

### *Baryscapus nigroviolaceus* Nees

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 1 ♂, 1 ♀, Italy: Verona, S. Floriano, leg. Marchesini, det. Baur (CEM)

### *Baryscapus servadeii* Domenichini

*Traumatocampa pityocampa* Denis & Schiffermüller (Lepidoptera: Thaumetopoeidae) – 2 ♀, Syria: Aleppo, leg. Yakti, det. Vidal (CSV)

### *Baryscapus gradwelli* Graham

?*Urophora quadrifasciata* Meigen or *Chaetostomella cylindrica* Robineau-Desvoidy (Diptera: Tephritidae) on *Centaurea cyaneus* L. (Asteraceae) – 1 ♂, 4 ♀, Germany: Niedersachsen, Göttingen, Neuer Botanischer Garten, leg. Denys, det. Vidal (CSV)

*Chaenotetrastichus grangeri* Erdős

*Auplopus carbonarius* Scopoli (Hymenoptera: Pompilidae) – 2 ♀, Germany: Baden-Württemberg, Karlsruhe-Grötzingen, leg. Windschnurer, det. Vidal (CSV)

*Chaenotetrastichus semiflavus* Giraud

*Auplopus carbonarius* Scopoli (Hymenoptera: Pompilidae) – 2 ♀, Germany: Baden-Württemberg, Karlsruhe-Grötzingen, leg. Windschnurer, det. Vidal (CSV)

*Chrysocharis nephereus* Walker

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 1 ♀, Switzerland: Bern, Bern, leg. Lehmann, det. Baur (ZIUB)

*Phyllocnistis vitegenella* Clemens (Lepidoptera: Gracillariidae) – 1 ♂, 1 ♀, Italy: Verona, Breganze, leg. Marchesini, det. Vidal (CEM)

*Chrysocharis nitetis* Walker

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 1 ♀, Switzerland: Bern, Bern, leg. Lehmann, det. Baur (ZIUB)

*Chrysocharis pentheus* Walker

*Phyllocnistis vitegenella* Clemens (Lepidoptera: Gracillariidae) – 1 ♀, Italy: Verona, Breganze, leg. Marchesini, det. Vidal (CEM)

*Chrysocharis ?pentheus* Walker

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 1 ♀, Italy: Verona, Treviso, leg. Marchesini, det. Baur (CEM)

*Cirrospilus diallus* Walker

*Phyllocnistis vitegenella* Clemens (Lepidoptera: Gracillariidae) – 1 ♀, Italy: Verona, Breganze, leg. Marchesini, det. Vidal (CEM)

*Cirrospilus pictus* Nees

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 1 ♀, Italy: Verona, S. Floriano, leg. Marchesini, det. Baur (CEM)

*Cirrospilus vittatus* Walker

*Phyllocnistis vitegenella* Clemens (Lepidoptera: Gracillariidae) – 1 ♂, 1 ♀, Italy: Verona, Breganze, leg. Marchesini, det. Vidal (CEM)

*Closterocerus formosus* Westwood

*Neodiprion ?sertifer* Geoffroy (Hymenoptera: Diprionidae) on *Pinus ?mugo* Turra (Pinaceae) – 1 ♂, 4 ♀, Switzerland: Zürich, Adliswil, leg. Wermelinger, det. Baur (NMBE)

*Closterocerus trifasciatus* Westwood

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 19 ♂, 6 ♀, Switzerland: Bern, Bern, leg. Lehmann, det. Baur (ZIUB)

*Phyllocnistis vitegenella* Clemens (Lepidoptera: Gracillariidae) – 1 ♂, 2 ♀, Italy: Verona, Breganze, leg. Marchesini, det. Vidal (CEM)

*Dahlbominus fuscipennis* Zetterstedt

*Diprion pini* Linnaeus (Hymenoptera: Diprionidae) – 3 ♀, Italy: South Tyrol, Kartellbell, leg. Hellrigl, det. Vidal (CKHE)

*Di cladocerus westwoodii* Westwood

*Prays oleae* Bernald (Lepidoptera: Yponomeutidae) on *Olea europaea* L. (Oleaceae) – 3 ♀, Syria: Idlib, Bakfalon, 60 km N Aleppo, leg. Yakti, det. Baur (NMBE)

*Elasmus steffani* Viggiani

*Prays oleae* Bernald (Lepidoptera: Yponomeutidae) on *Olea europaea* L. (Oleaceae) – 9 ♂, 11 ♀, Syria: Idlib, Bakfalon, 60 km N Aleppo, leg. Yakti, det. Baur (NMBE)

*Euplectrus* sp.

*Euproctis chrysorrhoea* Linnaeus (Lepidoptera: Lymantriidae) – 3 ♂, 3 ♀, Iran: East Aserbaijan, Tabriz, Arasbaran Forests, leg. Nikdel [ex pupa], det. Baur (CMN, NMBE)

*Melittobia acasta* Walker

*Diplostichus janitrix* Hartig (Diptera: Tachinidae) on *Diprion pini* Linnaeus (Hymenoptera: Diprionidae) [hyperparasitoid] – 10 ♂, 10 ♀, Italy: South Tyrol, Vals, leg. Hellrigl, det. Vidal (CKHE)

*Minotetrastichus frontalis* Nees

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 2 ♂, Italy: Verona, Cola di Lazise, leg. Marchesini, det. Baur (CEM); 1 ♀, Italy: Verona, Costermano, leg. Marchesini, det. Baur (CEM); 4 ♀, Italy: Verona, S. Floriano, leg. Marchesini, det. Baur (CEM); 90 ♂, 171 ♀, Switzerland: Bern, Bern, leg. Lehmann, det. Baur (ZIUB)

*Phyllocnistis vitegenella* Clemens (Lepidoptera: Gracillariidae) – 2 ♂, 2 ♀, Italy: Verona, Breganze, leg. Marchesini, det. Vidal (CEM)

*Necremnus tidius* Walker

*Ceutorhynchus typhae* Herbst (syn. *C. floralis* Paykull) (Coleoptera: Curculionidae) on *Capsella bursa-pastoris* (L.) Medik. (Brassicaceae) – 1 ♀, Germany: Schleswig-Holstein, Kasseedorf, Nähtkamp, leg. Klander, det. Baur (CABI); 2 ♀, same (NMBE)

*Coleotechnites piceaella* Kearfott (Lepidoptera: Gelechiidae) – 1 ♀, Germany: Sachsen, Holzhausen b. Leipzig, leg. Schnee, det. Vidal (CHS)

*Oomyzus* sp.

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 1 ♀, Italy: Verona, S. Floriano, leg. Marchesini, det. Baur (CEM)

*Pediobius pyrgro* Walker

*Coleotechnites piceaella* Kearfott (Lepidoptera: Gelechiidae) – 3 ♂, 5 ♀, Germany: Sachsen, Holzhausen b. Leipzig, leg. Schnee, det. Vidal (CHS)

*Pediobius saulius* Walker

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 1 ♂, Italy: Verona, S. Floriano, leg. Marchesini, det. Baur (CEM); 1 ♂, Italy: Verona, Tomba di Giulietta, leg. Marchesini, det. Baur (CEM)

*Pnigalio agraulis* Walker

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 1 ♂, Italy: Verona, Avesa, leg. Marchesini,

det. Baur (CEM); 2 ♂, 2 ♀, Italy: Verona, S. Floriano, leg. Marchesini, det. Baur (CEM); 27 ♂, 38 ♀, Switzerland: Bern, Bern, leg. Lehmann, det. Baur (ZIUB)

*Pronotalia carlinarum* Szelényi & Erdős

?*Urophora quadrifasciata* Meigen or *Chaetostomella cylindrica* Robineau-Desvoidy (Diptera: Tephritidae) on *Centaurea cyaneus* L. (Asteraceae) – 2 ♂, 5 ♀, Germany: Niedersachsen, Göttingen, Neuer Botanischer Garten, leg. Denys, det. Vidal (CSV)

*Sympiesis ?solitaria* Szelényi

*Coleotechnites piceaella* Kearfott (Lepidoptera: Gelechiidae) – 1 ♀, Germany: Sachsen, Holzhausen b. Leipzig, leg. Schnee, det. Vidal (CHS)

*Sympiesis* sp.

*Coleotechnites piceaella* Kearfott (Lepidoptera: Gelechiidae) – 4 ♂, Germany: Sachsen, Holzhausen b. Leipzig, leg. Schnee, det. Vidal (CHS)

**Eupelmidae**

*Eupelmus urozonus* Dalman

*Coleotechnites piceaella* Kearfott (Lepidoptera: Gelechiidae) – 1 ♂, 1 ♀, Germany: Sachsen, Holzhausen b. Leipzig, leg. Schnee, det. Vidal (CHS)

*Megastigmus spermotrophus* Wachtl (Hymenoptera: Torymidae) on *Pseudotsuga menziesii* (Mirb.) Franco (Pinaceae) – 1 ♀, Belgium: Liège, Verviers, leg. Mailloux, det. Baur (NMBE); 1 ♀, Belgium: Luxembourg, Hodinfosse, leg. Mailloux, det. Baur (NMBE); 1 ♀, Belgium: Luxembourg, Neufchateau, leg. Molenberg, det. Baur (LUBIES); 1 ♀, Belgium: Luxembourg, Rochefort, leg. Mailloux, det. Baur (LUBIES); 2 ♀, same, leg. Molenberg (LUBIES); 1 ♀, same (NMBE); 4 ♀, Belgium: Luxembourg, Vielsalm, leg. Mailloux, det. Baur (LUBIES)

*Prays oleae* Bernald (Lepidoptera: Yponomeutidae) on *Olea europaea* L. (Oleaceae) – 1 ♀, Syria: Idlib, Bakfalon, 60 km N Aleppo, leg. Yakti, det. Baur (NMBE)

*Eupelmus ?urozonus* Dalman

*Megastigmus spermotrophus* Wachtl (Hymenoptera: Torymidae) on *Pseudotsuga menziesii* (Mirb.) Franco (Pinaceae) – 1 ♂, Belgium: Luxembourg, Vielsalm, leg. Molenberg, det. Baur (LUBIES)

*Eupelmus vesicularis* Retzius

*Coleotechnites piceaella* Kearfott (Lepidoptera: Gelechiidae) – ? specimens, Germany: Sachsen, Holzhausen b. Leipzig, leg. Schnee, det. Vidal (CHS)

**Eurytomidae**

*Eurytoma crassinervis* Thomson

*Giraudiella inclusa* Frauenfeld (Diptera: Cecidomyiidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 1 ♂, 10 ♀, Germany: Bayern, München, Iffeldorf, leg. Eichiner [ex galls], det. Baur (NMBE)

*Eurytoma polygraphi* Ashmead

*Ips typographus* Linnaeus (Coleoptera: Scolytidae) – 4 ♀, Switzerland: Glarus, Schwanden leg. Wermelinger, det. Vidal (CSV)

*Eurytoma verticillata* Fabricius

*Coleotechnites piceaella* Kearfott (Lepidoptera: Gelechiidae) – 5 ♂, 10 ♀, Germany: Sachsen, Holzhausen b. Leipzig, leg. Schnee, det. Vidal (CHS)

*Eurytoma* sp.

?*Ceutorhynchus alliariae* Gyllenhal or *C. roberti* Gyllenhal (Coleoptera: Curculionidae) on *Alliaria petiolata* (M. Bieb.) Cavara & Grande (Brassicaceae) – 1 ♂, Switzerland: Baselland, Grellingen, leg. Grossrieder, det. Baur (CABI)

*Megastigmus spermotrophus* Wachtl (Hymenoptera: Torymidae) on *Pseudotsuga menziesii* (Mirb.) Franco (Pinaceae) – 1 ♂, Belgium: Luxembourg, Cedrogne, leg. Maillieux, det. Baur (NMBE); 1 ♂, Belgium: Luxembourg, Gottalles, leg. Maillieux, det. Baur (NMBE); 1 ♀, Belgium: Luxembourg, Hodinfosse, leg. Maillieux, det. Baur (NMBE); 1 ♂, same, leg. Molenberg; 1 ♀, Belgium: Luxembourg, Vielsalm, leg. Maillieux, det. Baur (NMBE); 2 ♀, same, leg. Molenberg

*Sycophila ?stagnalis* Erdös

*Giraudiella inclusa* Frauenfeld (Diptera: Cecidomyiidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 3 ♂, 1 ♀, Germany: Bayern, München, Iffeldorf, leg. Eichiner [ex galls], det. Baur (NMBE)

**Figitidae**

*Alloxysta victrix* Westwood

?*Myzus persicae* Sulzer or *Brevicoryne brassicae* Linnaeus (Hemiptera: Aphididae) on *Brassica oleracea* L. (Brassicaceae) – 4 ♂, 3 ♀, Germany: Niedersachsen, Hannover, Ruthe, leg. Langhof, det. Melika (SPL)

*Trybliographa rapae* Westwood

*Delia radicum* Linnaeus (Diptera: Anthomyiidae) on *Brassica napus* L. (Brassicaceae) – 1 ♀, Canada: Manitoba, 100 km W of Winnipeg, Carman, leg. CABI, det. Melika (CABI); 1 ♀, same (NMBE); 1 ♀, same (SPL), 1 ♀, Canada: Manitoba, 150 km SW of Winnipeg, Altomont, leg. CABI, det. Melika (SPL); 2 ♂, 1 ♀, Germany: Baden-Württemberg, Rheintal, Neuenburg, leg. CABI [ex pupa], det. Melika (CABI); 1 ♂, same (NMBE); 1 ♂, 1 ♀, Germany: Schleswig-Holstein, Fehmarn, leg. CABI [ex larva], det. Melika (CABI); 1 ♂, same (NMBE); 1 ♂, same [ex pupa], (CABI); 6 ♂, 7 ♀, same (NMBE); 2 ♂, 3 ♀, same (SPL); 1 ♀, Germany: Schleswig-Holstein, Rastorfer Passau, leg. CABI [ex pupa], det. Melika (SPL); 1 ♀, same (NMBE); 2 ♂, Switzerland: Bern, Galmiz, leg. CABI [ex larva], det. Melika (CABI); 1 ♂, 3 ♀, same (NMBE); 2 ♂, 1 ♀, same [ex pupa] (SPL); 1 ♂, 1 ♀, Switzerland: Fribourg, Wünnwil, leg. CABI [ex larva], det. Melika (CABI); 3 ♂, 3 ♀, same (NMBE); 1 ♂, 1 ♀, same (SPL)

*Delia radicum* Linnaeus (Diptera: Anthomyiidae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 2 ♂, 2 ♀, Switzerland: Bern, Grosses Moos, Fräschels, leg. CABI [ex larva], det. Melika (NMBE, SPL); 8 ♂, 7 ♀, same [ex pupa]

*Delia radicum* Linnaeus (Diptera: Anthomyiidae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *cymosa* Duch (Brassicaceae) – 1 ♂, 4 ♀, Switzerland: Bern, Grosses Moos, Fräschels, leg. CABI [ex pupa], det. Melika (NMBE, SPL)

**Ichneumonidae**

*Bathytrix decipiens* Gravenhorst

*Plutella xylostella* Linnaeus (Lepidoptera: Plutellidae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 1 specimen, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Horstmann (FiBL)

*Campoletis annulata* Gravenhorst

*Autographa gamma* Linnaeus (Lepidoptera: Noctuidae) on *Spinacia oleracea* L. (Chenopodiaceae) – 4 ♂, 1 ♀, Germany: Nordrhein-Westfalen, Borken, leg. Klug, det. Baur (NMBE)

*Campoletis ?varians* Gravenhorst

*Pasiphila debiliata* Hübner (Lepidoptera: Geometridae) – 1 ♀, Switzerland: Bern, St-Imier, Les Pontins, leg. Bryner, det. Horstmann (CRB)

*Casinaria mesozosta* Gravenhorst

*Nudaria mundana* Linnaeus (Lepidoptera: Arctiidae) – 1 ♂, 1 ♀, Switzerland: Bern, Brünig, leg. Marmet, det. Baur (NMBE)

*Charops cantator* De Geer

*Zygaena filipendulae* Linnaeus (Lepidoptera: Zygaenidae) – 1 ♂, Switzerland: Fribourg, Vully-le-Haut, Môtier, leg. Bryner, det. Horstmann (CRB)

*Chasmias paludator* Desvignes

*Archanara geminipuncta* Haworth (Lepidoptera: Noctuidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 1 ♀, Switzerland: Ticino, Cugnasco, leg. Kuske [ex pupa], det. Horstmann (NMBE)

*Chilo phragmitella* Hübner (Lepidoptera: Pyralidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 1 ♂, Switzerland: Ticino, Locarno, Al Pizzante, leg. Kuske, det. Horstmann (NMBE)

*Coelichneumon falsificus* Wesmael

*Acronicta megacephala* Denis & Schiffermüller (Lepidoptera: Noctuidae) on *Populus x euramericana* (Dode) Guinier (Salicaceae) – 1 ♂, Switzerland: Bern, Hagneck, Hagnimoos, leg. Bryner, det. Horstmann (CRB)

*Demopheles corruptor* Taschenberg

*Synanthedon andrenaeformis* Laspeyres (Lepidoptera: Sesiidae) – 1 ♀, Switzerland: Luzern, Kleine Emme bei Schüpfheim, leg. Hirschi, det. Horstmann (NMBE)

*Diadegma armillatum* Gravenhorst

*Yponomeuta padella* Linnaeus (Lepidoptera: Yponomeutidae) on *Prunus* sp. (Rosaceae) – 1 ♀, Switzerland: Neuchâtel, Cressier, Les Esserts, leg. Bryner, det. Horstmann (CRB)

*Diadegma crassicorne* Gravenhorst

*Sesamia nonagrioides* Lefèbvre (Lepidoptera: Noctuidae) on *Zea mais* L. (Poaceae) – 1 ♂, Spain: Galicia, Campano, leg. Monetti, det. Horstmann (NMBE)

*Diadegma latungula* Thomson

*Mompha epilobiella* Denis & Schiffermüller (Lepidoptera: Momphidae) – 1 ♂, Switzerland: Bern, Twann, leg. Bryner, det. Horstmann (CRB)

*Diadegma semiclausum* Hellén

*Plutella xylostella* Linnaeus (Lepidoptera: Plutellidae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 32 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Horstmann (FiBL); 675 specimens, same, det. FiBL

*Prays oleae* Bernald (Lepidoptera: Yponomeutidae) on *Olea europaea* L. (Oleaceae) – 4 ♂, 1 ♀, Syria: Idlib, Bakfalon, 60 km N Aleppo, leg. Yakti, det. Horstmann (NMBE)

*Diadegma* sp.

*Ptilocephala albida* Esper (Lepidoptera: Psychidae) – 1 ♂, France: Gard, Roquemaure, leg. Sonderegger, det. Horstmann (CRB)

*Diadromus collaris* Gravenhorst

*Plutella xylostella* Linnaeus (Lepidoptera: Plutellidae) on *Brassica oleracea* L. convar. *capitata* (L.) Alef. var. *alba* DC. (Brassicaceae) – 2 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Horstmann (FiBL)

*Dolichomitus messor* Gravenhorst

*Synanthedon andrenaeformis* Laspeyres (Lepidoptera: Sesiidae) – 1 ♀, Switzerland: Bern, Münchenbuchsee, Lätti, leg. Hirschi, det. Horstmann (NMBE)

*Dolichomitus* sp.

*Synanthedon andrenaeformis* Laspeyres (Lepidoptera: Sesiidae) – 1 ♂, Switzerland: Bern, Brienzwiler, Aare, leg. Hirschi, det. Horstmann (NMBE)

*Enicospilus merdarius* Gravenhorst

*Hecatera dysodea* Denis & Schiffermüller (Lepidoptera: Noctuidae) on *Lactuca serriola* L. (Asteraceae) – 1 ♂, 1 ♀, Switzerland: Bern, Ligerz, Kirche, Pilgerweg, leg. Bryner, det. Horstmann (CRB)

*Exetastes cinctipes* Retzius

*Mamestra brassicae* Linnaeus (Lepidoptera: Noctuidae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 1 specimen, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Horstmann (FiBL)

*Exetastes crassus* Gravenhorst

*Shargacucullia scrophulariae* Denis & Schiffermüller (Lepidoptera: Noctuidae) on *Scrophularia nodosa* L. (Scrophulariaceae) – 1 ♂, Switzerland: Bern, Orvin, Envers de Jorat, leg. Bryner, det. Horstmann (CRB); 1 ♂, Switzerland: Bern, Walperswil, Beich (E), leg. Bryner, det. Horstmann (CRB)

*Gambrus carnifex* Gravenhorst

*Chilo phragmitella* Hübner (Lepidoptera: Pyralidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 1 ♂, 1 ♀, Switzerland: Ticino, Locarno, Al Pizzante, leg. Kuske, det. Horstmann (NMBE)

*Gelis areator* Panzer

*Sterrhopterix fusca* Haworth (Lepidoptera: Psychidae) – 2 ♀, Switzerland: Fribourg, Murten, Chablais, leg. Bryner, det. Horstmann (CRB)

*Glypta haesitator* Gravenhorst

*Cydia nigricana* Fabricius (Lepidoptera: Tortricidae) – 2 ♂, 1 ♀, Germany: Hessen, Baunatal, leg. Saucke [ex pupa, in pea fields], det. Horstmann (NMBE)

*Glypta ?resinanae* Hartig

*Epiblema fonella* Linnaeus (Lepidoptera: Tortricidae) – 1 ♀, Switzerland: Fribourg, Vully-le-Bas, Mont Vully (Gipfel), leg. Bryner, det. Horstmann (CRB)

*Glypta tegularis* Thomson

*Endotheria lapideana* Herrich-Schäffer (Lepidoptera: Tortricidae) – 1 ♂, Switzerland: Bern, Péry, Reuchenette, leg. Bryner, det. Horstmann (CRB)

*Hyposoter didymator* Thunberg

*Autographa gamma* Linnaeus (Lepidoptera: Noctuidae) on *Spinacia oleracea* L. (Chenopodiaceae) – 1 ♀, Germany: Nordrhein-Westfalen, Dingden, leg. Klug, det. Baur (NMBE)

*Hyposoter dolosus* Gravenhorst

*Coscinia striata* Linnaeus (Lepidoptera: Arctiidae) – 1 ♀, Switzerland: locality unknown, leg. Marmet, det. Baur (NMBE)

*Hyposoter ebeninus* Gravenhorst

*Pieris rapae* Linnaeus (Lepidoptera: Pieridae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 1 specimen, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Horstmann (FiBL)

*Hyposoter placidus* Desvignes

*Lycaena hippothoe* Linnaeus (Lepidoptera: Lycaenidae) – 1 ♀, Switzerland: Vaud, Ollon, leg. Bryner, det. Horstmann (CRB)

*Ichneumon ?freyi* Kriechbaumer

*Argynnis aglaja* Linnaeus (Lepidoptera: Nymphalidae) – 1 ♂, Switzerland: Bern, Nods, Chasseral (Piste), leg. Bryner, det. Horstmann (CRB)

*Ichneumon ?proletarius* Wesmael

*Plebeius glandon* de Prunner (Lepidoptera: Lycaenidae) on *Lactuca serriola* L. (Asteraceae) – 1 ♂, Switzerland: Graubünden, La Punt-Chamues, Albula Hospiz, leg. Bryner, det. Horstmann (CRB)

*Itopectis alternans* Gravenhorst

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 3 ♂, Switzerland: Bern, Bern, leg. Lehmann, det. Horstmann (ZIUB)

*Itopectis maculator* Fabricius

*Mompha epilobiella* Denis & Schiffermüller (Lepidoptera: Momphidae) – 1 ♂, Switzerland: Bern, Walperswil, Hagneckkanal, leg. Bryner, det. Horstmann (CRB)  
*Plutella xylostella* Linnaeus (Lepidoptera: Plutellidae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 6 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Horstmann (FiBL)

*Liotryphon caudatus* Ratzeburg

*Cydia pomonella* Linnaeus (Lepidoptera: Tortricidae) on *Malus domestica* Borkh. (Rosaceae) – 2 ♀, Austria: Niederösterreich, Fuchsenbigl, leg. Polesny, det. Horstmann (NMBE)

*Liotryphon punctulatus* Ratzeburg

*Cydia pomonella* Linnaeus (Lepidoptera: Tortricidae) on *Malus domestica* Borkh. (Rosaceae) – 1 ♀, Austria: Mittelburgenland, Lackendorf, leg. Polesny, det. Horstmann (NMBE); 1 ♀, Austria: Niederösterreich, Hohenwarth, leg. Polesny, det. Horstmann (NMBE)

*Liotryphon* sp.

*Cydia pomonella* Linnaeus (Lepidoptera: Tortricidae) on *Malus domestica* Borkh. (Rosaceae) – 1 ♀, Austria: Niederösterreich, Hintersdorf, leg. Polesny, det. Horstmann (NMBE)

*Lissonota bistrigata* Holmgren

*Agonopterix nervosa* Haworth (Lepidoptera: Depressariidae) on *Genista tinctoria* L. (Fabaceae) – 1 ♂, 1 ♀, Switzerland: Fribourg, Vully-le-Haut, Môtier, leg. Bryner, det. Horstmann (CRB)

*Lissonota buolianae* Hartig

*Spilonota laricana* Heinemann (Lepidoptera: Tortricidae) – 1 ♂, Switzerland: Graubünden, Oberengadin, leg. unknown, det. Ferrière (NMBE)

*Lissonota ?pimplator* Zetterstedt

*Synanthedon andrenaeformis* Laspeyres (Lepidoptera: Sesiidae) – 1 ♀, Switzerland: Bern, Schwadernau, Schwadernaugrien, leg. Sonderegger, det. Horstmann (CRB); 1 ♀, Switzerland: Bern, Worben, Fencheren, leg. Bryner, det. Horstmann (CRB); 1 ♀, Switzerland: Fribourg, Mont Vully, Mont de Nant, leg. Bryner, det. Horstmann (CRB)

*Lissonota saturator* Thunberg

*Archips rosana* Linnaeus (Lepidoptera: Tortricidae) – 2 ♂, 1 ♀, Switzerland: Vaud, Etoy, leg. unknown, det. Ferrière (NMBE)

*Lissonota variabilis* Holmgren

*Zeiraphera diniana* Hübner (Lepidoptera: Tortricidae) – 1 ♂, Switzerland: Graubünden, Oberengadin, leg. unknown, det. Aubert (NMBE)

*Lochetica westoni* Bridgman

*Pieris rapae* Linnaeus (Lepidoptera: Pieridae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 1 specimen, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Horstmann (FiBL)

*Lysibia nanus* Gravenhorst

*Sesamia nonagrioides* Lefèbvre (Lepidoptera: Noctuidae) on *Zea mais* L. (Poaceae) – 1 ♀, Spain: Galicia, Campano, leg. Monetti [ex larva], det. Achterberg (NMBE)

*Macrus parvulus* Gravenhorst

*Dahlica lichenella* Linnaeus (Lepidoptera: Psychidae) – 1 ♂, 1 ♀, Switzerland: Bern, Twann, Holiloch, leg. Bryner, det. Horstmann (CRB)

*Dahlica triquetrella* Hübner (Lepidoptera: Psychidae) – 2 ♂, 1 ♀, Switzerland: Neuchâtel, Le Landeron, Les Combettes, leg. Bryner, det. Horstmann (CRB)

*Meloboris collector* Thunberg

*Autographa gamma* Linnaeus (Lepidoptera: Noctuidae) on *Spinacia oleracea* L. (Chenopodiaceae) – 1 ♀, Germany: Nordrhein-Westfalen, Borken, leg. Klug, det. Baur (NMBE); 11 ♂, 5 ♀, Germany: Nordrhein-Westfalen, Dingden, leg. Klug, det. Baur (NMBE); 2 ♂, 1 ♀, Germany: Nordrhein-Westfalen, Reken, leg. Klug, det. Baur (NMBE)

*Mamestra brassicae* Linnaeus (Lepidoptera: Noctuidae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 2 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Horstmann (FiBL)

*Mamestra brassicae* Linnaeus (Lepidoptera: Noctuidae) on *Brassica oleracea* L. convar. *capitata* (L.) Alef. var. *rubra* DC. (Brassicaceae) – 1 specimen, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Horstmann (FiBL)

*Mesochorus pectoralis* Tatzenburg

*Mamestra brassicae* Linnaeus (Lepidoptera: Noctuidae) on *Brassica oleracea* L. convar. *capitata* (L.) Alef. var. *rubra* DC. (Brassicaceae) – 3 specimens, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Horstmann (FiBL)

*Pieris rapae* Linnaeus (Lepidoptera: Pieridae) on *Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *botrytis* L. (Brassicaceae) – 1 specimen, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Horstmann (FiBL)

*Pieris rapae* Linnaeus (Lepidoptera: Pieridae) on *Brassica oleracea* L. convar. *capitata* (L.) Alef. var. *rubra* DC. (Brassicaceae) – 1 specimen, Switzerland: Bern, Grosses Moos, Fräschels, leg. FiBL, det. Horstmann (FiBL)

*Nemeritis fallax* Gravenhorst

*Thanasimus formicarius* Linnaeus (Coleoptera: Cleridae) – 1 ♂, 1 ♀, Switzerland: Schwyz, Innerthal, leg. Wermelinger, det. Horstmann (CKH); 2 ♂, 1 ♀, same (NMBE)

*Netelia testacea* Gravenhorst

*Clostera pigra* Hufnagel (Lepidoptera: Notodontidae) – 1 ♂, Switzerland: Vaud, Ollon, leg. Sonderegger, det. Horstmann (CRB)

*Nippocryptus vittatorius* Jurine

*Cydia pomonella* Linnaeus (Lepidoptera: Tortricidae) on *Malus domestica* Borkh. (Rosaceae) – 1 ♀, Austria: Niederösterreich, Hohenwarth, leg. Polesny, det. Horstmann (NMBE)

*Phygadeuon trichops* Thomson

*Lydella thompsoni* Herting (Diptera: Tachinidae) on *Typha latifolia* L. (Typhaceae) – 1 ♂, 1 ♀, Switzerland: Ticino, Gudo/Progero, leg. Kuske, det. Horstmann (NMBE)

*Pimpla sodalis* Ruthe

*Holoarctica cervini* Fallou (Lepidoptera: Arctiidae) – 1 ♀, Switzerland: Valais, Zermatt, Gornergrat, leg. Benteli, det. Klopstein (NMBE)

*Pimpla turionellae* Linnaeus

*Yponomeuta* sp. (Lepidoptera: Yponomeutidae) – 1 ♀, Switzerland: Thurgau, Diessenhofen, Schaaren, leg. Pfaehler, det. Klopstein (NMBE)

*Scambus annulatus* Kiss

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 4 ♂, 1 ♀, Switzerland: Bern, Bern, leg. Lehmann, det. Horstmann (ZIUB)

*Scambus eucosmidarum* Perkins

*Glyphipterix haworthana* Stephens (Lepidoptera: Glyphipterigidae) – 1 ♀, Switzerland: Bern, St-Imier, Les Pontins, leg. Bryner, det. Horstmann (CRB)

*Sinophorus turionum* Ratzeburg

*Ostrinia nubilalis* Hübner (Lepidoptera: Pyralidae) on *Zea mais* L. (Poaceae) – 1 ♀, Switzerland: Ticino, Cadenazzo, leg. Kuske, det. Horstmann (NMBE); 1 ♂, Switzerland: Ticino, Cadenazzo, Demanio, leg. Kuske, det. Horstmann (NMBE); 1 ♂, 1 ♀, Switzerland: Ticino, Cadenazzo, Monda, leg. Kuske, det. Horstmann (NMBE); 2 ♀, Switzerland: Ticino, Locarno, Al Pizzante, leg. Kuske, det. Horstmann (NMBE); 1 ♂, 7 ♀, Switzerland: Ticino, Magadinoebene, leg. Kuske, det. Horstmann (NMBE); 1 ♂, Switzerland: Ticino, Quartino, leg. Kuske, det. Horstmann (CKH); 1 ♂, 1 ♀, same (NMBE)

*Sesamia nonagrioides* Lefèbvre (Lepidoptera: Noctuidae) on *Zea mais* L. (Poaceae) – 1 ♀, Spain: Galicia, Pontecaldelas, leg. Monetti, det. Horstmann (NMBE)

*Spilichneumon ammonius* Gravenhorst

*Nonagria typhae* Thunberg (Lepidoptera: Noctuidae) on *Typha latifolia* L. (Typhaceae) – 1 ♂, 1 ♀, Switzerland: Bern, Vauffelin, Pâturage de Sagne, leg. Bryner, det. Zwakhals (CRB)

*Therion circumflexum* Linnaeus

*Pseudaletia unipunctata* Haworth (Lepidoptera: Noctuidae) – 1 ♀, Switzerland: Ticino, Cadenazzo, leg. Hächler, det. Horstmann (NMBE)

*Therion ?circumflexum* Linnaeus

*Pseudaletia unipunctata* Haworth (Lepidoptera: Noctuidae) – 1 ♀, Switzerland: Ticino, Cadenazzo, leg. Hächler, det. Horstmann (NMBE)

*Theroscopus hemipteron* Riche

*Cydia pomonella* Linnaeus (Lepidoptera: Tortricidae) on *Malus domestica* Borkh. (Rosaceae) – 1 ♂, Austria: Niederösterreich, Fuchsenbigl, leg. Polesny, det. Horstmann (NMBE); 1 ♂, Austria: Niederösterreich, Hintersdorf, leg. Polesny, det. Horstmann (NMBE)

*Thrybius praedator* Rossi

*Chilo phragmitella* Hübner (Lepidoptera: Pyralidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 1 ♂, 1 ♀, Switzerland: Ticino, Locarno, Al Pizzante, leg. Kuske, det. Horstmann (CKH); 2 ♂, 2 ♀, same (NMBE)

*Thyrateles camelinus* Wesmael

*Vanessa cardui* Linnaeus (Lepidoptera: Nymphalidae) – 1 ♂, Switzerland: Bern, Deisswil, Geizmoos, leg. Bryner, det. Horstmann (CRB); 4 ♀, Switzerland: Bern, Gampelen, Witzwil, Fanel, leg. Bryner, det. Horstmann (CRB)

*Tranosema nigridens* Thomson

*Epinotia abbreviana* Fabricius (Lepidoptera: Tortricidae) – 1 ♀, Switzerland: Bern, Biel-Vignelz, Hohflue, leg. Bryner, det. Horstmann (CRB)

*Trogus lapidator panzeri* Carlson

*Papilio machaon* Linnaeus (Lepidoptera: Papilionidae) on *Aegopodium podagraria* L. (Apiaceae) – 1 ♂, 1 ♀, Switzerland: Bern, Twann, Dorf, leg. Bryner, det. Horstmann (CRB)

*Xorides corcyrensis* Kriechbaumer

*Osphranteria coerulescens* Redtenbacher (Coleoptera: Cerambycidae) on *Prunus armeniaca* L. (Rosaceae) – 2 ♂, 3 ♀, Iran: Yazd, Abarkouh region, leg. Akrami, det. Hesami (PPAU)

**Leucospidae**

*Leucospis dorsigera* Fabricius

*Xorides corcyrensis* Kriechbaumer (Hymenoptera: Ichneumonidae) on *Osphranteria coerulescens* Redtenbacher (Coleoptera: Cerambycidae) on *Prunus armeniaca* L. (Rosaceae) [hyperparasitoid] – 1 ♀, Iran: Yazd, Abarkouh region, leg. Akrami, det. Baur (NMBE); 2 ♂, 1 ♀, same (PPAU)

**Ormyridae**

*Ormyrus papaveris* Perris

*Papaver* sp. (Papaveraceae) (host unknown) – 1 ♂, 4 ♀, Spain: Sevilla, Ecija, leg. Santiago-Alvarez, det. Vidal (CSV)

**Pompilidae***Anoplius caviventris* Aurivillius

*Chilo phragmitella* Hübner (Lepidoptera: Pyralidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 2 ♂, Switzerland: Ticino, Locarno, Al Pizzante, leg. Kuske, det. Amiet (NMBE)

**Pteromalidae***Acrocormus semifasciatus* Thomson

*Magdalis armigera* Geoffroy (Coleoptera: Curculionidae) on ?*Fagus sylvatica* L. (Fagaceae) – 1 ♂, Switzerland: Zürich, Freienstein, leg. Wermelinger, det. Baur (NMBE)

*Anisopteromalus calandrae* Howard

*Callosobruchus maculatus* Fabricius (Coleoptera: Bruchidae) on *Pisum sativum* L. (Fabaceae) – 9 ♂, 11 ♀, Iran: Tehran, leg. Kazemi, det. Baur (NMBE)

*Anisopteromalus ?calandrae* Howard

*Rhyzopertha dominica* Fabricius (Coleoptera: Bostrichidae) on *Olea europaea* L. (Oleaceae) – 7 ♂, 33 ♀, Syria: Deir ezzor (province), Deir ezzor, leg. Yakti, det. Baur (NMBE)

*Anogmus hohenheimensis* Ratzeburg

*Megastigmus spermotrophus* Wachtl (Hymenoptera: Torymidae) on *Pseudotsuga menziesii* (Mirb.) Franco (Pinaceae) – 1 ♀, Belgium: Luxembourg, Rochefort, leg. Mailleux, det. Baur (LUBIES); 1 ♀, Belgium: Luxembourg, Rochefort, leg. Molenberg, det. Baur (LUBIES); 1 ♂, 1 ♀, Belgium: Luxembourg, Vielsalm, leg. Mailleux, det. Baur (LUBIES); 3 ♀, same, leg. Molenberg (LUBIES)

*Asaphes suspensus* Nees

*Aphis pomi* De Geer (Hemiptera: Aphididae) on *Malus domestica* Borkh. (Rosaceae) – 1 ♂, Norway: Vestfold, Gjennestad Gartnerskole, leg. Westrum, det. Baur (NMBE)

*Chlorocytyus diversus* Walker

*Ceutorhynchus obstrictus* Marsham (Coleoptera: Curculionidae) on *Brassica napus* L. (Brassicaceae) – 1 ♂, Germany: Schleswig-Holstein, Fehmarn, leg. Klander, det. Baur (CABI); 1 ♂, Germany: Schleswig-Holstein, Kiel, leg. Klander, det. Baur (CABI)

*Chlorocytyus polichna* Walker

*Ceutorhynchus alliariae* Gyllenhal (Coleoptera: Curculionidae) on *Alliaria petiolata* (M. Bieb.) Cavara & Grande (Brassicaceae) – 1 ♀, Germany: Schleswig-Holstein, Nuechel, leg. Klander, det. Baur (CABI)

*Microplontus rugulosus* Herbst (Coleoptera: Curculionidae) on *Matricaria recutita* L. (Asteraceae) – 1 ♀, Germany: Baden-Württemberg, Rheintal, Neuenburg, leg. Grossrieder, det. Baur (CABI)

*Microplontus rugulosus* Herbst (Coleoptera: Curculionidae) on *Tripleurospermum perforatum* (Mérat) Lainz (Asteraceae) – 1 ♀, Germany: Schleswig-Holstein, Kiel, Scharnhagen, leg. Klander, det. Baur (NMBE)

*Cyclogastrella simplex* Walker

*Enarmonia formosana* Scopoli (Lepidoptera: Tortricidae) – 1 ♂, 9 ♀, Germany: Baden-Württemberg, Offenbach, Mösbach, leg. unknown, det. Baur (NMBE)

*Dibrachys affinis* Masi

*Enarmonia formosana* Scopoli (Lepidoptera: Tortricidae) – 4 ♂, 25 ♀, France: Alsace, Eguisheim, leg. unknown, det. Baur (NMBE); 1 ♂, 11 ♀, Germany: Baden-Württemberg, Endingen, Kaiserstuhl, leg. unknown, det. Baur (NMBE)

*Dibrachys boarmiae* Walker

*Coleotechnites piceaella* Kearfott (Lepidoptera: Gelechiidae) – 1 ♂, 2 ♀, Germany: Sachsen, Holzhausen b. Leipzig, leg. Schnee, det. Vidal (CHS)

*Dibrachys ?vesparum* Ratzeburg

*Dolichovespula media* Retzius (Hymenoptera: Vespidae) – 3 ♀, Italy: South Tyrol, Schnauders, leg. Hellrigl, det. Vidal (CKHE)

*Dirhicnus* sp.

*Prays oleae* Bernald (Lepidoptera: Yponomeutidae) on *Olea europaea* L. (Oleaceae) – 1 ♂, Syria: Idlib, Bakfalon, 60 km N Aleppo, leg. Yakti, det. Baur (NMBE)

*Halticoptera circulus* Walker

*Liriomyza bryoniae* Kaltenbach (Diptera: Agromyzidae) on *Arctium lappa* L. (Asteraceae) – 2 ♀, Italy: Bologna, San Giovanni in Persiceto, Morisi, leg. Burgio, det. Baur (IEEG)

*Liriomyza bryoniae* Kaltenbach (Diptera: Agromyzidae) on *Solanum nigrum* L. (Solanaceae) – 1 ♀, Italy: Bologna, Mercetale, La Risorta, leg. Burgio, det. Baur (IEEG)

*Napomyza gymnostoma* Loew (Diptera: Agromyzidae) on *Allium schoenoprasum* L. (Liliaceae) – 1 ♀, Austria: Niederösterreich, Fuchsenbigl, leg. Kahrer [on roots], det. Vidal (CSV)

*Lariophagus rufipes* Hedqvist

*Ancistrocerus* sp. (Hymenoptera: Vespidae) – 2 ♂, 18 ♀, Germany: Nordrhein-Westfalen, Bielefeld, leg. Garrido [ex nest], det. Vidal (CSV)

*Mesopolobus morys* Walker

*Ceutorhynchus obstrictus* Marsham (Coleoptera: Curculionidae) on *Brassica napus* L. (Brassicaceae) – 3 ♂, 3 ♀, Germany: Schleswig-Holstein, Flensburg, Grundhof leg. Klander, det. Baur (CABI); 1 ♂, 4 ♀, Germany: Schleswig-Holstein, Kiel, leg. Klander, det. Baur (CABI)

*Mesopolobus pinus* Hussey

*Megastigmus pinus* Parfitt (Hymenoptera: Torymidae) on *Abies procera* Rehd. (Pinaceae) – 5 ♂, 5 ♀, Denmark: Aarhus, leg. Jensen, det. Vidal (CSV)

*Mesopolobus spermotrophus* Hussey

*Megastigmus spermotrophus* Wachtl (Hymenoptera: Torymidae) on *Pseudotsuga menziesii* (Mirb.) Franco (Pinaceae) – 2 ♀, Belgium: Luxembourg, Rochefort, leg. Mailloux, det. Baur (LUBIES); 2 ♂, 1 ♀, same, leg. Molenberg (LUBIES); 1 ♀, Belgium: Luxembourg, Spa, leg. Mailloux, det. Baur (LUBIES); 4 ♂, 4 ♀, Belgium: Luxembourg, Vielsalm, leg. Mailloux, det. Baur (LUBIES); 2 ♂, 3 ♀, same, leg. Molenberg (LUBIES)

*Mesopolobus zetterstedtii* Dalla Torre

*Megastigmus spermotrophus* Wachtl (Hymenoptera: Torymidae) on *Pseudotsuga menziesii* (Mirb.) Franco (Pinaceae) – 1 ♂, 2 ♀, Belgium: Luxembourg, Vielsalm, leg. Mailloux, det. Baur (LUBIES); 1 ♀, same, leg. Molenberg (LUBIES)

*Mesopolobus* sp.

*Coleotechnites piceaella* Kearfott (Lepidoptera: Gelechiidae) – 1 ♀, Germany: Sachsen, Holzhausen b. Leipzig, leg. Schnee, det. Vidal (CHS)

*Metastenus concinnus* Walker

*Cryptolaemus montrouzieri* Mulsant (Hemiptera: Coccidae) – 2 ♀, Iran: Mazandaran, Chalus, leg. Hesami, det. Baur (NMBE)

*Moranila californica* Howard

*Saisseta oleae* Olivier (Hemiptera: Coccidae) on *?Hedera helix* L. (Araliaceae) or *Olea europaea* L. (Oleaceae) – 5 ♀, Iran: Tehran, Gillan-Rodbar, leg. Rezayi, det. Baur (NMBE)

*Pachyneuron aphidis* Bouché

*Myzus persicae* Sulzer or *Brevicoryne brassicae* Linnaeus (Hemiptera: Aphididae) on *Brassica oleracea* L. (Brassicaceae) – 2 ♂, 2 ♀, Germany: Niedersachsen, Hannover, Ruthe, leg. Langhof, det. Baur (NMBE)

*Pachyneuron muscarum* Linnaeus

*Eulecanium coryli* Linnaeus (Hemiptera: Coccidae) – 5 ♂, 7 ♀, Iran: Tehran, Tehran, leg. Davoodi, det. Baur (NMBE)

*Maconellicoccus hirsutus* Green (Hemiptera: Coccidae) – 1 ♂, 2 ♀, Iran: Fars, Jahrom, leg. Hesami, det. Baur (NMBE)

*Nipaecoccus viridis* Newstead (Hemiptera: Coccidae) – 1 ♀, Iran: Fars, Jahrom, leg. Hesami, det. Baur (NMBE)

*Pteromalus bedeguaris* Thomson

*Diplolepis* sp. (Hymenoptera: Cynipidae) on *Rosa canina* L. (Rosaceae) – 10 ♂, 12 ♀, Iran: Tehran, Aghasht, leg. Rakshani, det. Baur (NMBE); 12 ♂, 11 ♀, Iran: Tehran, Chalous Road, leg. Rakshani, det. Baur (NMBE)

*Pteromalus cardui* Erdős

*?Urophora quadrifasciata* Meigen or *Chaetostomella cylindrica* Robineau-Desvoidy (Diptera: Tephritidae) on *Centaurea cyaneus* L. (Asteraceae) – 3 ♀, Germany: Niedersachsen, Göttingen, Neuer Botanischer Garten, leg. Denys, det. Vidal (CSV)

*Pteromalus chrysos* Walker

*Coleotechnites piceaella* Kearfott (Lepidoptera: Gelechiidae) – 5 ♂, 2 ♀, Germany: Sachsen, Holzhausen b. Leipzig, leg. Schnee, det. Vidal (CHS)

*Pteromalus platyphilus* Walker

*Dictyna uncinata* Thorell (Araneae: Dictynidae) on *Malus domestica* Borkh. (Rosaceae) – 2 ♀, Germany: Baden-Württemberg, Dossenheim, leg. Komorek, det. Vidal (CSV)

*Pteromalus semotus* Walker

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 1 ♂, Switzerland: Bern, Bern, leg. Lehmann, det. Baur (ZIUB)

*Coleotechnites piceaella* Kearfott (Lepidoptera: Gelechiidae) – 3 ♀, Germany: Sachsen, Holzhausen b. Leipzig, leg. Schnee, det. Vidal (CHS)

*Pteromalus ?semotus* Walker

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 1 ♀, Austria: Tirol, Innsbruck, leg. Grabenweger [from 2nd spinning stage in cocoon], det. Baur (Grabenweger)

*Prays oleae* Bernald (Lepidoptera: Yponomeutidae) on *Olea europaea* L. (Oleaceae) – 1 ♂, Syria: Idlib, Bakfalon, 60 km N Aleppo, leg. Yakti, det. Baur (NMBE)

*Pteromalus varians* Spinola

*Anthonomus pomorum* Linnaeus (Coleoptera: Curculionidae) on *Malus domestica* Borkh. (Rosaceae) – 1 ♂, Switzerland: Aargau, Niederwil, Isenbüel, leg. Mody, det. Baur (ETHZ); 2 ♂, 8 ♀, same (NMBE)

*Cameraria ohridella* Deschka & Dimic (Lepidoptera: Gracillariidae) on *Aesculus hippocastanum* L. (Hippocastanaceae) – 1 ♂, Austria: Oberösterreich, Enns, leg. Grabenweger [from diapausing pupa in cocoon], det. Baur (Grabenweger); 1 ♂, Austria: Niederösterreich, Wien, Prater, leg. Grabenweger [from diapausing pupa in cocoon in fallen leaves from ground], det. Baur (Grabenweger)

*Pteromalus* spp.

*Coleotechnites piceaella* Kearfott (Lepidoptera: Gelechiidae) – 2 ♂, 5 ♀, Germany: Sachsen, Holzhausen b. Leipzig, leg. Schnee, det. Vidal (CHS)

?*Urophora quadrifasciata* Meigen or *Chaetostomella cylindrica* Robineau-Desvoidy (Diptera: Tephritidae) on *Centaurea cyaneus* L. (Asteraceae) – 2 ♂, 5 ♀, Germany: Niedersachsen, Göttingen, Neuer Botanischer Garten, leg. Denys, det. Vidal (CSV)

*Rakosina deplanata* Boucek

*Lipara pullitarsis* Daskocil & Chvála (Diptera: Cecidomyiidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 1 ♂, 1 ♀, Germany: Bayern, München, Iffeldorf, leg. Eichiner [ex galls], det. Baur (NMBE)

*Sphegigaster stepicola* Boucek

*Ophiomyia cunctata* Hendel (Diptera: Agromyzidae) on *Sonchus asper* Hill. (Asteraceae) – 1 ♀, Italy: Bologna, San Giovanni in Persiceto, Forni, leg. Burgio, det. Baur (IEEG)

*Stenomalina gracilis* Walker

*Ceutorhynchus alliariae* Gyllenhal (Coleoptera: Curculionidae) on *Alliaria petiolata* (M. Bieb.) Cavara & Grande (Brassicaceae) – 1 ♀, Germany: Schleswig-Holstein, Nuechel, leg. Klander, det. Baur (CABI); 1 ♀, Germany: Schleswig-Holstein, Fehmarn, leg. Klander, det. Baur (CABI); 1 ♀, Germany: Schleswig-Holstein, Griebel, leg. Klander, det. Baur (CABI)

?*Ceutorhynchus alliariae* Gyllenhal or *C. roberti* Gyllenhal (Coleoptera: Curculionidae) on *Alliaria petiolata* (M. Bieb.) Cavara & Grande (Brassicaceae) – 4 ♂, 3 ♀, Germany: Baden-Württemberg, Rheintal, Neuenburg, leg. Grossrieder, det. Baur (CABI); 1 ♂, same (NMBE); 2 ♂, 10 ♀, Switzerland: Baselland, Grellingen, leg. Grossrieder, det. Baur (CABI); 2 ♀, same (NMBE)

*Ceutorhynchus obstrictus* Marsham (Coleoptera: Curculionidae) on *Brassica napus* L. (Brassicaceae) – 3 ♀, Germany: Schleswig-Holstein, Fehmarn, leg. Klander, det. Baur (CABI); 1 ♂, 1 ♀, Germany: Schleswig-Holstein, Kiel, leg. Klander, det. Baur (CABI)

*Microplontus rugulosus* Herbst (Coleoptera: Curculionidae) on *Matricaria recutita* L. (Asteraceae) – 1 ♀, Germany: Baden-Württemberg, Rheintal, Neuenburg, leg. Grossrieder, det. Baur (CABI)

*Phytomyza ?ranunculi* Schrank (Diptera: Agromyzidae) on *Ranunculus velutinus* Tenore (Ranunculaceae) – 1 ♂, Italy: Bologna, San Giovanni in Persiceto, Forni, leg. Burgio, det. Baur (IEEG)

*Tomicobia pityophthori* Boucek

*Pityogenes chalcographus* Linnaeus (Coleoptera: Scolytidae) – 4 ♂, 4 ♀, Sweden: Torsby, leg. Byers [on spruce log], det. Baur (NMBE, CABI)

*Tomicobia seitneri* Ruschka

*Ips* sp. (Coleoptera: Scolytidae) – 4 ♂, 6 ♀, Germany: Bayern, Bayischer Nationalpark, Tirschenreuth, leg. Lobinger, det. Baur (NMBE)

*Trichomalopsis peregrina* Graham

*Euproctis chrysorrhoea* Linnaeus (Lepidoptera: Lymantriidae) – 6 ♂, 8 ♀, Spain: València, Jarafuel, leg. Pujade, det. Baur (NMBE)

*Trichomalus gynotelus* Walker

*Hadroplontus litura* Fabricius (Coleoptera: Curculionidae) on *Cirsium arvense* (L.) Scop. (Asteraceae) – 1 ♀, Germany: Schleswig-Holstein, Stolpe, leg. Klander, det. Baur (CABI)

*Trichomalus lucidus* Walker

*Ceutorhynchus alliariae* Gyllenhal (Coleoptera: Curculionidae) on *Alliaria petiolata* (M. Bieb.) Cavara & Grande (Brassicaceae) – 1 ♂, Germany: Brandenburg-Berlin, Berlin, Brandenburg, leg. Grossrieder, det. Baur (CABI); 1 ♀, Germany: Schleswig-Holstein, Griebel, leg. Klander, det. Baur (CABI); 1 ♂, Germany: Schleswig-Holstein, Hotzkatzen, leg. Klander, det. Baur (CABI)

*Ceutorhynchus ?alliariae* Gyllenhal (Coleoptera: Curculionidae) on *Alliaria petiolata* (M. Bieb.) Cavara & Grande (Brassicaceae) – 1 ♂, 1 ♀, Germany: Brandenburg-Berlin, Berlin, Brandenburg, leg. Grossrieder, det. Baur (CABI); 1 ♂, Germany: Brandenburg-Berlin, Berlin, Schoenebeck, leg. Grossrieder, det. Baur (CABI)

?*Ceutorhynchus alliariae* Gyllenhal or *C. roberti* Gyllenhal (Coleoptera: Curculionidae) on *Alliaria petiolata* (M. Bieb.) Cavara & Grande (Brassicaceae) – 2 ♂, 2 ♀, Germany: Baden-Württemberg, Rheintal, Neuenburg, leg. Grossrieder, det. Baur (CABI); 46 ♂, 17 ♀, Switzerland: Baselland, Grellingen, leg. Grossrieder, det. Baur (CABI); 2 ♂, 6 ♀, same (NMBE); 2 ♂, Switzerland: Jura, Delemont, Vorbourg, leg. Grossrieder, det. Baur (CABI); 1 ♂, Switzerland: Jura, Undevelier, leg. Grossrieder, det. Baur (CABI)

?*Ceutorhynchus alliariae* Gyllenhal or *C. roberti* Gyllenhal (Coleoptera: Curculionidae) on *Alliaria* sp. (Brassicaceae) – 1 ♂, Germany: Baden-Württemberg, Rheintal, Müllheim, leg. Klander [in stems], det. Baur (CABI); 1 ♀, Germany: Baden-Württemberg, Rheintal, Zienken, leg. Klander [in stems], det. Baur (CABI)

*Ceutorhynchus ?pallidactylus* Marsham (Coleoptera: Curculionidae) on *Brassica oleracea* L. (Brassicaceae) – 7 ♂, 8 ♀, Switzerland: Neuchâtel, Sugiez, leg. Klander, det. Baur (CABI)

*Ceutorhynchus scrobicollis* Nerensheimen & Wagner (Coleoptera: Curculionidae) on *Alliaria petiolata* (M. Bieb.) Cavara & Grande (Brassicaceae) – 1 ♂, 1 ♀, Germany: Brandenburg-Berlin, Berlin, Brandenburg, leg. Grossrieder, det. Baur (CABI); 1 ♂, 1 ♀, Germany: Brandenburg-Berlin, Berlin, Schoenebeck, leg. Grossrieder, det. Baur (CABI)

*Trichomalus perfectus* Walker

*Ceutorhynchus constrictus* Marsham (Coleoptera: Curculionidae) on *Alliaria petiolata* (M. Bieb.) Cavara & Grande (Brassicaceae) – 6 ♂, Germany: Baden-Württemberg, Rheintal, Neuenburg, leg. Grossrieder [in pods], det. Baur (CABI); 1 ♀, Switzerland: Baselland, Grellingen, leg. Grossrieder [in pods], det. Baur (CABI)

*Ceutorhynchus obstrictus* Marsham (Coleoptera: Curculionidae) on *Brassica napus* L. (Brassicaceae) – 29 ♂, 19 ♀, Germany: Schleswig-Holstein, Fehmarn, leg. Klander, det. Baur (CABI); 1 ♂, 2 ♀, Germany: Schleswig-Holstein, Flensburg, Grundhof leg.

Klander, det. Baur (CABI); 3 ♂, 5 ♀, Germany: Schleswig-Holstein, Kasseedorf, Nähtkamp, leg. Klander, det. Baur (CABI); 35 ♂, 15 ♀, Germany: Schleswig-Holstein, Kiel, leg. Klander, det. Baur (CABI)

*Trichomalus ?tenellus* Walker

*Iraella luteipes* Thomson (Hymenoptera: Cynipidae) – 2 ♂, 6 ♀, Spain: Sevilla, Ecija, leg. Santiago-Alvarez, det. Vidal (CSV)

*Trichomalus* sp. Walker

*Ceutorhynchus obstrictus* Marsham (Coleoptera: Curculionidae) on *Brassica napus* L. (Brassicaceae) – 3 ♀, Germany: Schleswig-Holstein, Fehmarn, leg. Klander, det. Baur (CABI); 1 ♀, Germany: Schleswig-Holstein, Flensburg, Grundhof leg. Klander, det. Baur (CABI)

**Scelionidae**

*Telenomus busseolae* Gahan species aggregate

*Archanara geminipuncta* Haworth (Lepidoptera: Noctuidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 12 ♀, Switzerland: Ticino, Cadenazzo, leg. Kuske [ex egg], det. Lo Verde (NMBE)

**Tetracampidae**

*Epiclerus panyas* Walker

*Chromatomyia syngenesiae* Hardy (Diptera: Agromyzidae) on *Cirsium arvense* (L.) Scop. (Asteraceae) – 1 ♂, Italy: Bologna, Castel San Pietro, Cà il rio, leg. Burgio, det. Baur (IEEG)

*Chromatomyia* sp. (Diptera: Agromyzidae) on *Cirsium arvense* (L.) Scop. (Asteraceae) – 2 ♀, Italy: Bologna, Castel San Pietro, Cà il rio, leg. Burgio, det. Baur (IEEG)

*Phytomyza ranunculi* Schrank (Diptera: Agromyzidae) on *Cirsium arvense* (L.) Scop. (Asteraceae) – 1 ♂, Italy: Bologna, San Giovanni in Persiceto, Morisi, leg. Burgio, det. Baur (IEEG)

**Torymidae**

*Monodontomerus aeneus* Fonscolombe

*Euproctis chrysorrhoea* Linnaeus (Lepidoptera: Lymantriidae) – 5 ♀, Iran: East Aserbaijan, Tabriz, Arasbaran Forests, leg. Nikdel [ex larva], det. Baur (CMN, NMBE)

*Monodontomerus dentipes* Dalman

*Diprion pini* Linnaeus (Hymenoptera: Diprionidae) – 3 ♀, Italy: South Tyrol, Vals, leg. Hellrigl, det. Vidal (CKHE)

*Monodontomerus obscurus* Westwood

*Diprion pini* Linnaeus (Hymenoptera: Diprionidae) – 1 ♀, Italy: South Tyrol, Vals, leg. Hellrigl, det. Vidal (CKHE)

*Osmia rufa* Linnaeus (Hymenoptera: Apidae) – 5 ♂, 15 ♀, Germany: Nordrhein-Westfalen, Bielefeld, leg. Garrido [in nest], det. Vidal (CSV)

*Osmia* sp. (Hymenoptera: Apidae) – 29 ♀, Germany: Bayern, München, Obermenzingen, leg. Reichholf [in nest], det. Baur (NMBE)

*Torymus arundinis* Walker

*Giraudiella inclusa* Frauenfeld (Diptera: Cecidomyiidae) on *Phragmites australis* (Cav.) Steud. (Poaceae) – 5 ♂, 7 ♀, Germany: Bayern, München, Iffeldorf, leg. Eichiner [ex galls], det. Baur (NMBE)

## **Part II – Hosts**



## ARANEAE

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### Dictynidae

*Dictyna uncinata*

*Pteromalus platyphilus* (Hymenoptera: Pteromalidae)

## COLEOPTERA

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### Bostrichidae

*Rhyzopertha dominica*

*Anisopteromalus ?calandrae* (Hymenoptera: Pteromalidae)

### Bruchidae

*Callosobruchus maculatus*

*Anisopteromalus calandrae* (Hymenoptera: Pteromalidae)

### Cerambycidae

*Acanthocinus xanthoneurus*

*Billaea triangulifera* (Diptera: Tachinidae)

*Agapanthia villosoviridescens*

*Zeuxia zernyi* (Diptera: Tachinidae)

*Callidium violaceum*

*Helcon nunciator* (Hymenoptera: Braconidae)

*Deroplia annulicornis*

*Zeuxia aberrans* (Diptera: Tachinidae)

*Deroplia gertiana*

*Zeuxia aberrans* (Diptera: Tachinidae)

*Deroplia hesperus*

*Zeuxia aberrans* (Diptera: Tachinidae)

*Osphranteria coeruleascens*

*Xorides corcyrensis* (Hymenoptera: Ichneumonidae)

*Leucospis dorsigera* (Hymenoptera: Leucospidae) [hyperparasitoid]

*Phytoecia cylindrica*

*Zeuxia subapennina* (Diptera: Tachinidae)

*Phytoecia millefolii*

*Zeuxia aberrans* (Diptera: Tachinidae)

*Saperda populnea*

*Billaea irrorata* (Diptera: Tachinidae)

### Chrysomelidae

*Agelastica alni*

*Meigenia uncinata* (Diptera: Tachinidae)

*Chrysolina americana*

*Macquartia dispar* (Diptera: Tachinidae)

*Macquartia tenebricosa* (Diptera: Tachinidae)

*Meigenia dorsalis* (Diptera: Tachinidae)

*Gastrophysa viridula*

*Meigenia mutabilis* (Diptera: Tachinidae)

*Lilioceris lili*

*Meigenia simplex* (Diptera: Tachinidae)

*Phytodecta rufipes*

*Meigenia dorsalis* (Diptera: Tachinidae)

*Pyrrhalta viburni*

*Medina collaris* (Diptera: Tachinidae)

**Cleridae**

*Thanasimus formicarius*

*Nemeritis fallax* (Hymenoptera: Ichneumonidae)

**Curculionidae**

*Anthonomus pomorum*

*Pteromalus varians* (Hymenoptera: Pteromalidae)

*Ceutorhynchus alliariae*

*Chlorocytus polichna* (Hymenoptera: Pteromalidae)

*Pteromalinae* sp. (Hymenoptera: Pteromalidae)

*Stenomalina gracilis* (Hymenoptera: Pteromalidae)

*Trichomalus lucidus* (Hymenoptera: Pteromalidae)

*Ceutorhynchus ?alliariae*

*Trichomalus lucidus* (Hymenoptera: Pteromalidae)

*Ceutorhynchus constrictus*

*Trichomalus perfectus* (Hymenoptera: Pteromalidae)

*Ceutorhynchus obstrictus*

*Chlorocytus diversus* (Hymenoptera: Pteromalidae)

*Mesopolobus morys* (Hymenoptera: Pteromalidae)

*Stenomalina gracilis* (Hymenoptera: Pteromalidae)

*Trichomalus perfectus* (Hymenoptera: Pteromalidae)

*Trichomalus* sp. (Hymenoptera: Pteromalidae)

*Ceutorhynchus ?pallidactylus*

*Trichomalus lucidus* (Hymenoptera: Pteromalidae)

*Ceutorhynchus roberti*

*Eurytoma* sp. (Hymenoptera: Eurytomidae)

*Stenomalina gracilis* (Hymenoptera: Pteromalidae)

*Trichomalus lucidus* (Hymenoptera: Pteromalidae)

*Ceutorhynchus scrobicollis*

*Trichomalus lucidus* (Hymenoptera: Pteromalidae)

*Ceutorhynchus typhae*

*Aprostocetus* sp. (Hymenoptera: Eulophidae)

*Necremnus tidius* (Hymenoptera: Eulophidae)

*Coniatus tamarisci*

*Microsoma exiguum* (Diptera: Tachinidae)

*Hadroplontus litura*

*Trichomalus gynetelus* (Hymenoptera: Pteromalidae)

*Magdalis armigera*

*Acrocormus semifasciatus* (Hymenoptera: Pteromalidae)

*Microplontus rugulosus*

*Chlorocytus polichna* (Hymenoptera: Pteromalidae)

*Stenomalina gracilis* (Hymenoptera: Pteromalidae)

*Otiorhynchus ligustici*

*Rondania dimidiata* (Diptera: Tachinidae)

**Scarabaeidae**

*Melolontha melolontha*

*Pexopsis aprica* (Diptera: Tachinidae)

**Scolytidae***Ips* sp.*Tomicobia seitneri* (Hymenoptera: Pteromalidae)*Ips typographus**Eurytoma polygraphi* (Hymenoptera: Eurytomidae)*Pityogenes chalcographus**Tomicobia pityophthori* (Hymenoptera: Pteromalidae)**DERMAPTERA**

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**Forficulidae***Forficula auricularia**Ocytata pallipes* (Diptera: Tachinidae)**DIPTERA**

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**Agromyzidae***Chromatomyia syngenesiae**Epiclerus panyas* (Hymenoptera: Tetracampidae)*Chromatomyia* sp.*Epiclerus panyas* (Hymenoptera: Tetracampidae)*Liriomyza bryoniae**Halticoptera circulus* (Hymenoptera: Pteromalidae)*Napomyza gymnostoma**Halticoptera circulus* (Hymenoptera: Pteromalidae)*Ophiomyia cunctata**Sphégigaster stepicola* (Hymenoptera: Pteromalidae)*Phytomyza ranunculi**Epiclerus panyas* (Hymenoptera: Tetracampidae)*Phytomyza ?ranunculi**Stenomalina gracilis* (Hymenoptera: Pteromalidae)**Anthomyiidae***Delia radicum**Aphaereta minuta* (Hymenoptera: Braconidae)*Trybliographa rapae* (Hymenoptera: Figitidae)**Cecidomyiidae***Giraudiella inclusa**Aprostocetus calamarius* (Hymenoptera: Eulophidae)*Aprostocetus gratus* (Hymenoptera: Eulophidae)*Aprostocetus longiscapus* (Hymenoptera: Eulophidae)*Eurytoma crassinervis* (Hymenoptera: Eurytomidae)*Sycophila ?stagnalis* (Hymenoptera: Eurytomidae)*Torymus arundinis* (Hymenoptera: Torymidae)*Lipara pullitarsis**Rakosina deplanata* (Hymenoptera: Pteromalidae)*Resseliella theobaldi**Aprostocetus ?zosimus* (Hymenoptera: Eulophidae)

### **Drosophilidae**

*Scaptomyza flava*

*Dacnusa temula* (Hymenoptera: Braconidae)

### **Tachinidae**

*Diplostichus janitrix*

*Melittobia acasta* (Hymenoptera: Eulophidae)

*Lydella thompsoni*

*Phygadeuon trichops* (Hymenoptera: Ichneumonidae)

### **Tephritidae**

*Urophora quadrifasciata*

*Baryscapus gradwelli* (Hymenoptera: Eulophidae)

*Pronotalia carlinarum* (Hymenoptera: Eulophidae)

*Pteromalus* sp. (Hymenoptera: Pteromalidae)

*Pteromalus cardui* (Hymenoptera: Pteromalidae)

### **Tipulidae**

*Ctenophora bimaculata*

*Admontia seria* (Diptera: Tachinidae)

## **HEMIPTERA**

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### **Aphididae**

*Acyrtosiphum pisum*

*Aphidius ervi* (Hymenoptera: Braconidae)

*Aphis fabae cirsiacanthoidis*

*Lysiphlebus fabarum* (Hymenoptera: Braconidae)

*Aphis fabae evonymi*

*Lysiphlebus cardui* (Hymenoptera: Braconidae)

*Aphis fabae mordvilkoii*

*Lysiphlebus fabarum* (Hymenoptera: Braconidae)

*Aphis gossypii*

*Aphidius colemani* (Hymenoptera: Braconidae)

*Trioxys angelicae* (Hymenoptera: Braconidae)

*Aphis pomi*

*Trioxys angelicae* (Hymenoptera: Braconidae)

*Asaphes suspensus* (Hymenoptera: Pteromalidae)

*Dysaphis devectora*

*Ephedrus persicae* (Hymenoptera: Braconidae)

*Dysaphis plantaginea*

*Aphidius ervi* (Hymenoptera: Braconidae)

*Dysaphis pyri*

*Ephedrus persicae* (Hymenoptera: Braconidae)

*Macrosiphum euphorbiae*

*Aphidius colemani* (Hymenoptera: Braconidae)

*Praon volucre* (Hymenoptera: Braconidae)

*Myzus persicae*

*Aphidius colemani* (Hymenoptera: Braconidae)

*Alloxysta victrix* (Hymenoptera: Figitidae)

*Pachyneuron aphidis* (Hymenoptera: Pteromalidae)

*Myzus persicae nicotianae**Diaeretiella rapae* (Hymenoptera: Braconidae)*Praon volucre* (Hymenoptera: Braconidae)*Therioaphis trifolii**Praon exsoletum* (Hymenoptera: Braconidae)**Coccidae***Cryptolaemus montrouzieri**Metastenus concinnus* (Hymenoptera: Pteromalidae)*Eulecanium coryli**Pachyneuron muscarum* (Hymenoptera: Pteromalidae)*Maconellicoccus hirsutus**Pachyneuron muscarum* (Hymenoptera: Pteromalidae)*Nipaecoccus viridis**Pachyneuron muscarum* (Hymenoptera: Pteromalidae)*Saisseta oleae**Moranila californica* (Hymenoptera: Pteromalidae)**Lygaeidae***Lygaeus equestris**Elomya lateralis* (Diptera: Tachinidae)*Leucostoma crassum* (Diptera: Tachinidae)*Lygaeus simulans**Leucostoma crassum* (Diptera: Tachinidae)**Pentatomidae***Aelia acuminata**Cylindromyia auriceps* (Diptera: Tachinidae)*Ancyrosoma leucogrammes**Clytiomya dupuisi* (Diptera: Tachinidae)*Clytiomya sola* (Diptera: Tachinidae)*Gymnosoma clavatum* (Diptera: Tachinidae)*Brachynema germari**Cylindromyia intermedia* (Diptera: Tachinidae)*Dolycoris baccarum**Gymnosoma desertorum* (Diptera: Tachinidae)*Eurydema ornata**Ectophasia oblonga* (Diptera: Tachinidae)*Elomya lateralis* (Diptera: Tachinidae)*Eurydema ventralis**Ectophasia oblonga* (Diptera: Tachinidae)*Eurygaster integriceps**Ectophasia oblonga* (Diptera: Tachinidae)*Elomya lateralis* (Diptera: Tachinidae)*Graphosoma lineatum**Clytiomya sola* (Diptera: Tachinidae)*Palomena prasina**Ectophasia crassipennis* (Diptera: Tachinidae)*Gymnosoma rotundatum* (Diptera: Tachinidae)*Phasia aurigera* (Diptera: Tachinidae)

## Rhopalidae

*Agraphopus lethierryi*

*Leucostoma simplex* (Diptera: Tachinidae)

## HYMENOPTERA

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### Apidae

*Osmia rufa*

*Monodontomerus obscurus* (Hymenoptera: Torymidae)

*Osmia* sp.

*Monodontomerus obscurus* (Hymenoptera: Torymidae)

### Cynipidae

*Diplolepis* sp.

*Pteromalus bedeguaris* (Hymenoptera: Pteromalidae)

*Iraella luteipes*

*Trichomalus ?tenellus* (Hymenoptera: Pteromalidae)

### Diprionidae

*Diprion pini*

*Diplostichus janitrix* Hartig (Diptera: Tachinidae)

*Drino gilva* (Diptera: Tachinidae)

*Drino inconspicua* (Diptera: Tachinidae)

*Dahlbominus fuscipennis* (Hymenoptera: Eulophidae)

*Melittobia acasta* (Hymenoptera: Eulophidae) [hyperparasitoid]

*Monodontomerus dentipes* (Hymenoptera: Torymidae)

*Monodontomerus obscurus* (Hymenoptera: Torymidae)

*Neodiprion ?sertifer*

*Closterocerus formosus* (Hymenoptera: Eulophidae)

### Pamphiliidae

*Acantholyda erythrocephala*

*Myxexoristops hertingi* (Diptera: Tachinidae)

*Acantholyda pumilionis*

*Myxexoristops hertingi* (Diptera: Tachinidae)

### Pompilidae

*Auplopus carbonarius*

*Chaenotetrastichus grangeri* (Hymenoptera: Eulophidae)

*Chaenotetrastichus semiflavus* (Hymenoptera: Eulophidae)

### Tenthredinidae

*Phymatocera aterrima*

*Vibrissina turrita* (Diptera: Tachinidae)

### Torymidae

*Megastigmus pinus*

*Mesopolobus pinus* (Hymenoptera: Pteromalidae)

*Megastigmus spermotrophus*

*Eupelmus urozonus* (Hymenoptera: Eupelmidae)

*Eupelmus ?urozonus* (Hymenoptera: Eupelmidae)  
*Eurytoma* sp. (Hymenoptera: Eurytomidae)  
*Anogmus hohenheimensis* (Hymenoptera: Pteromalidae)  
*Mesopolobus spermotrophus* (Hymenoptera: Pteromalidae)  
*Mesopolobus zetterstedtii* (Hymenoptera: Pteromalidae)

### **Vespidae**

*Ancistrocerus* sp.  
*Lariophagus rufipes* (Hymenoptera: Pteromalidae)  
*Dolichovespula media*  
*Dibrachys ?vesparum* (Hymenoptera: Pteromalidae)

## **LEPIDOPTERA**

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### **Apidae**

#### **Arctiidae**

*Arctia caja*  
*Carcelia lucorum* (Diptera: Tachinidae)  
*Coscinia striata*  
*Hyposoter dolosus* (Hymenoptera: Ichneumonidae)  
*Cymbalophora pudica*  
*Carcelia lucorum* (Diptera: Tachinidae)  
*Diacrisia sannio*  
*Huebneria affinis* (Diptera: Tachinidae)  
*Holoarctica cervini*  
*Pimpla sodalis* (Hymenoptera: Ichneumonidae)  
*Holoarctica cervini hnatecki*  
*Aleiodes coxalis* (Hymenoptera: Braconidae)  
*Hyphantria cunea*  
*Compsilura concinnata* (Diptera: Tachinidae)  
*Nemoraea pellucida* (Diptera: Tachinidae)  
*Nudaria mundana*  
*Casitaria mesozosta* (Hymenoptera: Ichneumonidae)  
*Orodemnias cervini*  
*Onychogonia cervini* (Diptera: Tachinidae)  
*Parasemia plantaginis*  
*Huebneria affinis* (Diptera: Tachinidae)  
*Setina aurita*  
*Cotesia callimone* (Hymenoptera: Braconidae)  
*Spiris striata*  
*Carcelia lucorum* (Diptera: Tachinidae)

#### **Crambidae**

*Evergestis forficalis*  
*Cotesia vestalis* (Hymenoptera: Braconidae)

#### **Danaidae**

*Danaus chrysippus*  
*Compsilura concinnata* (Diptera: Tachinidae)

### **Depressariidae**

*Agonopterix nervosa*

*Lissonota bistrigata* (Hymenoptera: Ichneumonidae)

### **Drepanidae**

*Watsonalla binaria*

*Bactromyia aurulenta* (Diptera: Tachinidae)

### **Gelechiidae**

*Coleotechnites piceaella*

*Necremnus tidius* (Hymenoptera: Eulophidae)

*Pediobius pyrgro* (Hymenoptera: Eulophidae)

*Sympiesis ?solitaria* (Hymenoptera: Eulophidae)

*Sympiesis* sp. (Hymenoptera: Eulophidae)

*Eupelmus urozonus* (Hymenoptera: Eupelmidae)

*Eupelmus vesicularis* (Hymenoptera: Eupelmidae)

*Eurytoma verticillata* (Hymenoptera: Eurytomidae)

*Dibrachys boarmiae* (Hymenoptera: Pteromalidae)

*Mesopolobus* sp. (Hymenoptera: Pteromalidae)

*Pteromalus semotus* (Hymenoptera: Pteromalidae)

*Pteromalus* sp. (Hymenoptera: Pteromalidae)

*Pteromalus chrysos* (Hymenoptera: Pteromalidae)

### **Geometridae**

*Abraxas pantaria*

*Bactromyia aurulenta* (Diptera: Tachinidae)

*Eurysthaea scutellaris* (Diptera: Tachinidae)

*Pales pavidata* (Diptera: Tachinidae)

*Phryxe unicolor* (Diptera: Tachinidae)

*Senometopia lena* (Diptera: Tachinidae)

*Winthemia pruinosa* (Diptera: Tachinidae)

*Agriopsis marginaria*

*Peribaea setinervis* (Diptera: Tachinidae)

*Chesias legatella*

*Campylocheta inepta* (Diptera: Tachinidae)

*Colotois pennaria*

*Blondelia nigripes* (Diptera: Tachinidae)

*Compsilura concinnata* (Diptera: Tachinidae)

*Ectropis crepuscularia*

*Phryxe nemea* (Diptera: Tachinidae)

*Ematurga atomaria*

*Campylocheta inepta* (Diptera: Tachinidae)

*Erannis defoliaria*

*Blondelia nigripes* (Diptera: Tachinidae)

*Peribaea setinervis* (Diptera: Tachinidae)

*Phryxe nemea* (Diptera: Tachinidae)

*Eulithis populata*

*Blepharomyia piliceps* (Diptera: Tachinidae)

*Eupithecia innotata*

*Eurysthaea scutellaris* (Diptera: Tachinidae)

*Gnophos caelibaria*

*Onychogonia cervini* (Diptera: Tachinidae)

*Hemistola chrysoprasaria**Paratryphera bisetosa* (Diptera: Tachinidae)*Isturgia limbaria**Campylocheta inepta* (Diptera: Tachinidae)*Operophtera brumata**Cyzenis albicans* (Diptera: Tachinidae)*Phorocera obscura* (Diptera: Tachinidae)*Pachycnemia hippocastanaria**Blondelia nigripes* (Diptera: Tachinidae)*Peribaea apicalis* (Diptera: Tachinidae)*Pasiphila debiliata**Campoletis ?varians* (Hymenoptera: Ichneumonidae)**Glyphipterigidae***Glyphipterix haworthana**Scambus eucosmidarum* (Hymenoptera: Ichneumonidae)*Choreutis nemorana**Elodia atricans* (Diptera: Tachinidae)**Gracillariidae***Cameraria ohridella**Achrysocharioides* sp. (Hymenoptera: Eulophidae)*Aprostocetus* sp. (Hymenoptera: Eulophidae)*Baryscapus nigroviolaceus* (Hymenoptera: Eulophidae)*Chrysocharis nephereus* (Hymenoptera: Eulophidae)*Chrysocharis nitetis* (Hymenoptera: Eulophidae)*Chrysocharis ?pentheus* (Hymenoptera: Eulophidae)*Cirrospilus pictus* (Hymenoptera: Eulophidae)*Closterocerus trifasciatus* (Hymenoptera: Eulophidae)*Minotetrastichus frontalis* (Hymenoptera: Eulophidae)*Oomyzus* sp. (Hymenoptera: Eulophidae)*Pediobius saulius* (Hymenoptera: Eulophidae)*Pnigalio agraulis* (Hymenoptera: Eulophidae)*Itoplectis alternans* (Hymenoptera: Ichneumonidae)*Scambus annulatus* (Hymenoptera: Ichneumonidae)*Pteromalus semotus* (Hymenoptera: Pteromalidae)*Pteromalus ?semotus* (Hymenoptera: Pteromalidae)*Pteromalus varians* (Hymenoptera: Pteromalidae)*Phyllocnistis vitegenella**Chrysocharis pentheus* (Hymenoptera: Eulophidae)*Chrysocharis nephereus* (Hymenoptera: Eulophidae)*Cirrospilus diallus* (Hymenoptera: Eulophidae)*Cirrospilus vittatus* (Hymenoptera: Eulophidae)*Closterocerus trifasciatus* (Hymenoptera: Eulophidae)*Minotetrastichus frontalis* (Hymenoptera: Eulophidae)*Phyllonorycter leucographella**Apanteles circumscriptus* (Hymenoptera: Braconidae)**Hesperiidae***Pyrgus fritillarius**Cotesia kurdjumovi* (Hymenoptera: Braconidae)*Ochlodes venata**Phryxe vulgaris* (Diptera: Tachinidae)

### **Lasiocampidae**

*Lasiocampa quercus*

*Ceromya bicolor* (Diptera: Tachinidae)

*Lasiocampa trifolii*

*Chetogena obliquata* (Diptera: Tachinidae)

*Macrothylacia rubi*

*Exorista larvarum* (Diptera: Tachinidae)

*Tachina praeceps* (Diptera: Tachinidae)

*Malacosoma neustria*

*Exorista segregata* (Diptera: Tachinidae)

*Philudoria potatoria*

*Exorista larvarum* (Diptera: Tachinidae)

*Phryxe heraclei* (Diptera: Tachinidae)

### **Libytheidae**

*Libythea celtis*

*Bactromyia aurulenta* (Diptera: Tachinidae)

### **Lycaenidae**

*Callophrys suaveola*

*Aplomya confinis* (Diptera: Tachinidae)

*Lycaena dispar*

*Aplomya confinis* (Diptera: Tachinidae)

*Lycaena hippothoe*

*Hyposoter placidus* (Hymenoptera: Ichneumonidae)

*Plebeius glandon*

*Ichneumon ?proletarius* (Hymenoptera: Ichneumonidae)

*Plebejus argus*

*Aplomya confinis* (Diptera: Tachinidae)

*Polyommatus cyanea*

*Aplomya confinis* (Diptera: Tachinidae)

*Polyommatus damone*

*Aplomya confinis* (Diptera: Tachinidae)

*Polyommatus phyllis*

*Aplomya confinis* (Diptera: Tachinidae)

*Polyommatus poseidon*

*Aplomya confinis* (Diptera: Tachinidae)

*Polyommatus tanais*

*Aplomya confinis* (Diptera: Tachinidae)

*Scolitantides orion*

*Aplomya confinis* (Diptera: Tachinidae)

*Thecla betulae*

*Phryxe vulgaris* (Diptera: Tachinidae)

### **Lymantriidae**

*Dasychira pudibunda*

*Carcelia rasa* (Diptera: Tachinidae)

*Compsilura concinnata* (Diptera: Tachinidae)

*Euproctis chrysorrhoea*

*Exorista larvarum* (Diptera: Tachinidae)

*Exorista rossica* (Diptera: Tachinidae)

*Pales pavidata* (Diptera: Tachinidae)

*Palesisa nudioculata* (Diptera: Tachinidae)  
*Tachina praeceps* (Diptera: Tachinidae)  
*Townsendiellomyia nidicola* (Diptera: Tachinidae)  
*Euplectrus* sp. (Hymenoptera: Eulophidae)  
*Trichomalopsis peregrina* (Hymenoptera: Pteromalidae)  
*Monodontomerus aeneus* (Hymenoptera: Torymidae)

***Leucoma salicis***

*Carcelia gnava* (Diptera: Tachinidae)  
*Carcelia laxifrons* (Diptera: Tachinidae)  
*Exorista larvarum* (Diptera: Tachinidae)  
*Exorista rossica* (Diptera: Tachinidae)  
*Exorista segregata* (Diptera: Tachinidae)  
*Masicera sphingivora* (Diptera: Tachinidae)  
*Pales pavidus* (Diptera: Tachinidae)  
*Palesisa nudioculata* (Diptera: Tachinidae)

***Lymantria dispar***

*Aphantorhaphopsis samarensis* (Diptera: Tachinidae)  
*Compsilura concinnata* (Diptera: Tachinidae)  
*Drino inconspicua* (Diptera: Tachinidae)  
*Exorista larvarum* (Diptera: Tachinidae)  
*Exorista segregata* (Diptera: Tachinidae)  
*Senometopia separata* (Diptera: Tachinidae)  
*Brachymeria tibialis* (Hymenoptera: Chalcididae)

***Orgyia dubia***

*Exorista segregata* (Diptera: Tachinidae)  
*Pales pavidus* (Diptera: Tachinidae)

**Momphidae*****Mompha epilobiella***

*Diadegma latungula* (Hymenoptera: Ichneumonidae)  
*Itopectis maculator* (Hymenoptera: Ichneumonidae)

**Noctuidae*****Abrostola asclepiadis***

*Phryxe nemea* (Diptera: Tachinidae)

***Acronicta auricoma***

*Nilea rufiscutellaris* (Diptera: Tachinidae)

***Acronicta megacephala***

*Coelichneumon falsificus* (Hymenoptera: Ichneumonidae)

***Acronicta psi***

*Compsilura concinnata* (Diptera: Tachinidae)  
*Nilea hortulana* (Diptera: Tachinidae)  
*Pales pavidus* (Diptera: Tachinidae)

***Anarta myrtilli***

*Blondelia nigripes* (Diptera: Tachinidae)  
*Campylocheta inepta* (Diptera: Tachinidae)

***Apamea unanimitis***

*Ramonda ringdahli* (Diptera: Tachinidae)

***Apopestes spectrum***

*Cyrtophleba ruricola* (Diptera: Tachinidae)

***Archanara geminipuncta***

*Lydella stabulans* (Diptera: Tachinidae)

- Chasmias paludator* (Hymenoptera: Ichneumonidae)  
*Telenomus busseolae* species aggregate (Hymenoptera: Scelionidae)
- Auchmis comma*  
*Blondelia nigripes* (Diptera: Tachinidae)
- Autographa gamma*  
*Blondelia nigripes* (Diptera: Tachinidae)  
*Eumea linearicornis* (Diptera: Tachinidae)  
*Phryxe vulgaris* (Diptera: Tachinidae)  
*Voria ruralis* (Diptera: Tachinidae)  
*Campoletis annulata* (Hymenoptera: Ichneumonidae)  
*Hyposoter didymator* (Hymenoptera: Ichneumonidae)  
*Meloboris collector* (Hymenoptera: Ichneumonidae)
- Catocala electa*  
*Blondelia nigripes* (Diptera: Tachinidae)
- Cucullia bubaceki*  
*Exorista larvarum* (Diptera: Tachinidae)
- Cucullia lychnitis*  
*Masicera sphingivora* (Diptera: Tachinidae)  
*Winthemia quadripustulata* (Diptera: Tachinidae)
- Cucullia scrophulariae*  
*Winthemia quadripustulata* (Diptera: Tachinidae)
- Cucullia verbasci*  
*Winthemia quadripustulata* (Diptera: Tachinidae)
- Diachrysia chrysitis*  
*Voria ruralis* (Diptera: Tachinidae)
- Discestra sodae*  
*Ramonda prunicia* (Diptera: Tachinidae)
- Epilecta linogrisea*  
*Ramonda spathulata* (Diptera: Tachinidae)
- Hadena perplexa*  
*Eurithia caesia* (Diptera: Tachinidae)
- Hecatera dysodea*  
*Enicospilus merdarius* (Hymenoptera: Ichneumonidae)
- Helicoverpa armigera*  
*Peribaea tibialis* (Diptera: Tachinidae)
- Hoplodrina respersa*  
*Pales processioneae* (Diptera: Tachinidae)
- Mamestra brassicae*  
*Cotesia kurdjumovi* (Hymenoptera: Braconidae)  
*Microplitis mediator* (Hymenoptera: Braconidae)  
*Exetastes cinctipes* (Hymenoptera: Ichneumonidae)  
*Meloboris collector* (Hymenoptera: Ichneumonidae)  
*Mesochorus pectoralis* (Hymenoptera: Ichneumonidae)
- Melanchra persicariae*  
*Phryxe nemea* (Diptera: Tachinidae)
- Melanchra pisi*  
*Periscepsia carbonaria* (Diptera: Tachinidae)
- Mythimna loreyi*  
*Linnaemya neavei* (Diptera: Tachinidae)
- Mythimna* sp.  
*Protapanteles* near *parallelus* (Hymenoptera: Braconidae)
- Mythimna unipuncta*  
*Compsilura concinnata* (Diptera: Tachinidae)

- Peribaea tibialis* (Diptera: Tachinidae)  
*Naenia typica*  
*Phryxe nemea* (Diptera: Tachinidae)  
*Noctua fimbriata*  
*Pales processioneae* (Diptera: Tachinidae)  
*Noctua janthe*  
*Pales processioneae* (Diptera: Tachinidae)  
*Ramonda spathulata* (Diptera: Tachinidae)  
*Noctua janthina*  
*Pales processioneae* (Diptera: Tachinidae)  
*Nonagria typhae*  
*Spilichneumon ammonius* (Hymenoptera: Ichneumonidae)  
*Phlogophora scita*  
*Phryxe nemea* (Diptera: Tachinidae)  
*Polia nebulosa*  
*Tachina fera* (Diptera: Tachinidae)  
*Pseudaletia unipunctata*  
*Homolobus annulicornis* (Hymenoptera: Braconidae)  
*Therion circumflexum* (Hymenoptera: Ichneumonidae)  
*Therion ?circumflexum* (Hymenoptera: Ichneumonidae)  
*Scoliopteryx libatrix*  
*Bactromyia aurulenta* (Diptera: Tachinidae)  
*Sesamia nonagrioides*  
*Exorista larvarum* (Diptera: Tachinidae)  
*Lydella thompsoni* (Diptera: Tachinidae)  
*Nemoreae pellucida* (Diptera: Tachinidae)  
*Peribaea tibialis* (Diptera: Tachinidae)  
*Protapanteles near parallelus* (Hymenoptera: Braconidae)  
*Diadegma crassicorne* (Hymenoptera: Ichneumonidae)  
*Lysibia nanus* (Hymenoptera: Ichneumonidae)  
*Sinophorus turionum* (Hymenoptera: Ichneumonidae)  
*Shargacucullia scrophulariae*  
*Exetastes crassus* (Hymenoptera: Ichneumonidae)  
*Simyra dentinosa*  
*Pales pavidata* (Diptera: Tachinidae)  
*Thiacidas postica*  
*Drino imberbis* (Diptera: Tachinidae)  
*Pales murina* (Diptera: Tachinidae)  
*Trigonophora flammea*  
*Wagneria cunctans* (Diptera: Tachinidae)

### **Notodontidae**

- Cerura vinula*  
*Pales pavidata* (Diptera: Tachinidae)  
*Clostera pigra*  
*Netelia testacea* (Hymenoptera: Ichneumonidae)

### **Nymphalidae**

- Aglais urticae*  
*Blondelia nigripes* (Diptera: Tachinidae)  
*Carcelia gnava* (Diptera: Tachinidae)  
*Pelatachina tibialis* (Diptera: Tachinidae)  
*Phryxe vulgaris* (Diptera: Tachinidae)  
*Sturmia bella* (Diptera: Tachinidae)

*Araschnia levana*

*Compsilura concinnata* (Diptera: Tachinidae)

*Sturmia bella* (Diptera: Tachinidae)

*Argynnis aglaja*

*Ichneumon ?freyi* (Hymenoptera: Ichneumonidae)

*Euphydryas maturna*

*Erycia fatua* (Diptera: Tachinidae)

*Euphydryas sareptensis*

*Erycia furibunda* (Diptera: Tachinidae)

*Inachis io*

*Sturmia bella* (Diptera: Tachinidae)

*Limenitis reducta*

*Compsilura concinnata* (Diptera: Tachinidae)

*Melitaea athalia*

*Erycia fatua* (Diptera: Tachinidae)

*Melitaea cinxia*

*Erycia fatua* (Diptera: Tachinidae)

*Erycia festinans* (Diptera: Tachinidae)

*Melitaea didymoides*

*Nemorilla maculosa* (Diptera: Tachinidae)

*Melitaea latonigena*

*Erycia ?fasciata* (Diptera: Tachinidae)

*Nymphalis antiopa*

*Sturmia bella* (Diptera: Tachinidae)

*Nymphalis polychloros*

*Compsilura concinnata* (Diptera: Tachinidae)

*Masicera sphingivora* (Diptera: Tachinidae)

*Polygonia c-album*

*Sturmia bella* (Diptera: Tachinidae)

*Vanessa atalanta*

*Sturmia bella* (Diptera: Tachinidae)

*Vanessa cardui*

*Thyrateles camelinus* (Hymenoptera: Ichneumonidae)

**Oecophoridae**

*Agonopterix furvella*

*Phorinia aurifrons* (Diptera: Tachinidae)

*Agonopterix scopariella*

*Phorinia aurifrons* (Diptera: Tachinidae)

**Papilionidae**

*Iphiclides podalirius*

*Compsilura concinnata* (Diptera: Tachinidae)

*Papilio alexanor*

*Compsilura concinnata* (Diptera: Tachinidae)

*Papilio machaon*

*Buquetia musca* (Diptera: Tachinidae)

*Compsilura concinnata* (Diptera: Tachinidae)

*Trogus lapidator panzeri* (Hymenoptera: Ichneumonidae)

*Parnassius apollo*

*Pales pavidus* (Diptera: Tachinidae)

**Pieridae***Anthocharis cardamines**Phryxe vulgaris* (Diptera: Tachinidae)*Aporia crataegi**Exorista segregata* (Diptera: Tachinidae)*Euchloe ausonia**Phryxe magnicornis* (Diptera: Tachinidae)*Gonepteryx cleopatra**Compsilura concinnata* (Diptera: Tachinidae)*Gonepteryx rhamni**Phryxe nemea* (Diptera: Tachinidae)*Pieris brassicae**Compsilura concinnata* (Diptera: Tachinidae)*Sturmia bella* (Diptera: Tachinidae)*Cotesia glomerata* (Hymenoptera: Braconidae)*Pieris bryoniae**Epicampocera succincta* (Diptera: Tachinidae)*Pieris napi**Epicampocera succincta* (Diptera: Tachinidae)*Pieris rapae**Cotesia glomerata* (Hymenoptera: Braconidae)*Cotesia rubecula* (Hymenoptera: Braconidae)*Cotesia vestalis* (Hymenoptera: Braconidae)*Baryscapus galactopus* (Hymenoptera: Eulophidae)*Hyposoter ebeninus* (Hymenoptera: Ichneumonidae)*Lochetica westoni* (Hymenoptera: Ichneumonidae)*Mesochorus pectoralis* (Hymenoptera: Ichneumonidae)**Plutellidae***Plutella xylostella**Apanteles sicarius* (Hymenoptera: Braconidae)*Cotesia plutellae* (Hymenoptera: Braconidae)*Cotesia rubecula* (Hymenoptera: Braconidae)*Bathytrix decipiens* (Hymenoptera: Ichneumonidae)*Diadegma semiclausum* (Hymenoptera: Ichneumonidae)*Diadromus collaris* (Hymenoptera: Ichneumonidae)*Itopectis maculator* (Hymenoptera: Ichneumonidae)**Psychidae***Canephora unicolor**Chetogena filipalpis* (Diptera: Tachinidae)*Dahlia lichenella**Macrus parvulus* (Hymenoptera: Ichneumonidae)*Dahlia triquetrella**Macrus parvulus* (Hymenoptera: Ichneumonidae)*Pachythelia villosella**Chetogena filipalpis* (Diptera: Tachinidae)*Ptilocephala albida**Diadegma* sp. (Hymenoptera: Ichneumonidae)*Sterrhopterix fusca**Gelis areator* (Hymenoptera: Ichneumonidae)

## **Pterophoridae**

### *Geina didactyla*

*Ceranthia lichtwardtiana* (Diptera: Tachinidae)

## **Pyralidae**

### *Chilo phragmitella*

*Bracon fulvipes* (Hymenoptera: Braconidae)

*Chelonus elongatus* (Hymenoptera: Braconidae)

*Cotesia ferruginea* (Hymenoptera: Braconidae)

*Chasmias paludator* (Hymenoptera: Ichneumonidae)

*Gambrus carnifex* (Hymenoptera: Ichneumonidae)

*Thrybius praedator* (Hymenoptera: Ichneumonidae)

*Anoplius caviventris* (Hymenoptera: Pompilidae)

### *Homoeosoma nebullela*

*Bracon brevicornis* (Hymenoptera: Braconidae)

### *Ostrinia nubilalis*

*Lydella thompsoni* (Diptera: Tachinidae)

*Pseudoperichaeta nigrolineata* (Diptera: Tachinidae)

*Microgaster famula* (Hymenoptera: Braconidae)

*Sinophorus turionum* (Hymenoptera: Ichneumonidae)

### *Pleuroptya ruralis*

*Nemorilla floralis* (Diptera: Tachinidae)

## **Saturniidae**

### *Saturnia pavonia*

*Exorista grandis* (Diptera: Tachinidae)

*Masicera pavoniae* (Diptera: Tachinidae)

### *Saturnia pyri*

*Masicera pavoniae* (Diptera: Tachinidae)

## **Sesiidae**

### *Bembecia deserticola*

*Germaria nudinerva* (Diptera: Tachinidae)

### *Bembecia dispar*

*Bithia demotica* (Diptera: Tachinidae)

### *Bembecia ichneumoniformis*

*Bithia modesta* (Diptera: Tachinidae)

### *Bembecia lomataeformis*

*Bithia demotica* (Diptera: Tachinidae)

### *Bembecia psoraleae*

*Bithia demotica* (Diptera: Tachinidae)

### *Bembecia sanguinolenta*

*Bithia demotica* (Diptera: Tachinidae)

### *Bembecia sirphiformis*

*Bithia demotica* (Diptera: Tachinidae)

### *Bembecia tshimgana*

*Germaria nudinerva* (Diptera: Tachinidae)

### *Synanthedon andrenaeformis*

*Bracon triangularis* (Hymenoptera: Braconidae)

*Demopheles corruptor* (Hymenoptera: Ichneumonidae)

*Dolichomitus messor* (Hymenoptera: Ichneumonidae)

*Dolichomitus* sp. (Hymenoptera: Ichneumonidae)

*Lissonota ?pimplator* (Hymenoptera: Ichneumonidae)  
*Synanthedon formicaeformis*  
*Macrocentrus marginator* (Hymenoptera: Braconidae)  
*Synanthedon vespiforme*  
*Leskia aurea* (Diptera: Tachinidae)

### **Sphingidae**

*Acherontia atropos*  
*Drino atropivora* (Diptera: Tachinidae)  
*Exorista sorbillans* (Diptera: Tachinidae)  
*Deilephila elpenor*  
*Cyrtophleba ruricola* (Diptera: Tachinidae)  
*Hyles centralasiae*  
*Exorista segregata* (Diptera: Tachinidae)  
*Masicera sphingivora* (Diptera: Tachinidae)  
*Hyles euphorbiae*  
*Masicera sphingivora* (Diptera: Tachinidae)  
*Hyles hippophaes*  
*Masicera sphingivora* (Diptera: Tachinidae)  
*Hyles vespertilio*  
*Masicera sphingivora* (Diptera: Tachinidae)  
*Hyloicus pinastri*  
*Phryxe erythrostoma* (Diptera: Tachinidae)  
*Tachina grossa* (Diptera: Tachinidae)  
*Proserpinus proserpina*  
*Drino vicina* (Diptera: Tachinidae)  
*Smerinthus ocellata*  
*Exorista sorbillans* (Diptera: Tachinidae)  
*Sphinx ligustri*  
*Drino atropivora* (Diptera: Tachinidae)  
*Winthemia cruentata* (Diptera: Tachinidae)

### **Thaumetopoeidae**

*Thaumetopoea processionea*  
*Pales processioneae* (Diptera: Tachinidae)  
*Zenillia libatrix* (Diptera: Tachinidae)  
*Traumatocampa pityocampa*  
*Baryscapus servadeii* (Hymenoptera: Eulophidae)

### **Thyatiridae**

*Thyatira batis*  
*Phryxe nemea* (Diptera: Tachinidae)

### **Tineidae**

*Agnathosia mendicella*  
*Phytomyptera cingulata* (Diptera: Tachinidae)  
*Morphaga choragella*  
*Elodia ambulatoria* (Diptera: Tachinidae)  
*Nemapogon gliriellus*  
*Phytomyptera cingulata* (Diptera: Tachinidae)  
*Nemaxera betulinella*  
*Elodia ambulatoria* (Diptera: Tachinidae)  
*Phytomyptera cingulata* (Diptera: Tachinidae)

*Triaxomera parasitella*

*Elodia ambulatoria* (Diptera: Tachinidae)

**Tortricidae**

*Acleris rhombana*

*Nemorilla floralis* (Diptera: Tachinidae)

*Adoxophyes orana*

*Eumea linearicornis* (Diptera: Tachinidae)

*Nemorilla floralis* (Diptera: Tachinidae)

*Pseudoperichaeta nigrolineata* (Diptera: Tachinidae)

*Ancyliis selenana*

*Actia pilipennis* (Diptera: Tachinidae)

*Archips rosana*

*Eumea linearicornis* (Diptera: Tachinidae)

*Eurysthaea scutellaris* (Diptera: Tachinidae)

*Nemorilla floralis* (Diptera: Tachinidae)

*Pseudoperichaeta nigrolineata* (Diptera: Tachinidae)

*Lissonota saturator* (Hymenoptera: Ichneumonidae)

*Cydia nigricana*

*Ascogaster quadridentata* (Hymenoptera: Braconidae)

*Glypta haesitator* (Hymenoptera: Ichneumonidae)

*Cydia pomonella*

*Liotryphon caudatus* (Hymenoptera: Ichneumonidae)

*Liotryphon punctulatus* (Hymenoptera: Ichneumonidae)

*Liotryphon* sp. (Hymenoptera: Ichneumonidae)

*Nippocryptus vittatorius* (Hymenoptera: Ichneumonidae)

*Theroscopus hemipteron* (Hymenoptera: Ichneumonidae)

*Enarmonia formosana*

*Cyclogastrella simplex* (Hymenoptera: Pteromalidae)

*Dibrachys affinis* (Hymenoptera: Pteromalidae)

*Endothenia lapideana*

*Glypta tegularis* (Hymenoptera: Ichneumonidae)

*Epiblema fonella*

*Glypta ?resinanae* (Hymenoptera: Ichneumonidae)

*Epinotia abbreviana*

*Tranosema nigridens* (Hymenoptera: Ichneumonidae)

*Lobesia botrana*

*Phytomyptera nigrina* (Diptera: Tachinidae)

*Pandemis heparana*

*Actia pilipennis* (Diptera: Tachinidae)

*Rhopobota naevana*

*Nemorilla floralis* (Diptera: Tachinidae)

*Spilonota laricana*

*Lissonota buolianae* (Hymenoptera: Ichneumonidae)

*Tortrix viridana*

*Actia pilipennis* (Diptera: Tachinidae)

*Pseudoperichaeta palesoidea* (Diptera: Tachinidae)

*Zenillia libatrix* (Diptera: Tachinidae)

*Zeiraphera diniana*

*Lissonota variabilis* (Hymenoptera: Ichneumonidae)

**Yponomeutidae***Prays oleae*

- Chelonus elaeaphilus* (Hymenoptera: Braconidae)
- Dicladocerus westwoodii* (Hymenoptera: Eulophidae)
- Elasmus steffani* (Hymenoptera: Eulophidae)
- Eupelmus urozonus* (Hymenoptera: Eupelmidae)
- Diadegma semiclausum* (Hymenoptera: Ichneumonidae)
- Dirhicnus* sp. (Hymenoptera: Pteromalidae)
- Pteromalus ?semotus* (Hymenoptera: Pteromalidae)

*Yponomeuta cognatella*

- Bactromyia aurulenta* (Diptera: Tachinidae)

*Yponomeuta evonymella*

- Bactromyia aurulenta* (Diptera: Tachinidae)

*Yponomeuta mahalebella*

- Nemorilla maculosa* (Diptera: Tachinidae)

*Yponomeuta malinella*

- Eurysthaea scutellaris* (Diptera: Tachinidae)

*Yponomeuta padella*

- Diadegma armillatum* (Hymenoptera: Ichneumonidae)

*Yponomeuta* sp.

- Pimpla turionellae* (Hymenoptera: Ichneumonidae)

**Zygaenidae***Aglaope infausta*

- Compsilura concinnata* (Diptera: Tachinidae)
- Exorista segregata* (Diptera: Tachinidae)
- Zenillia libatrix* (Diptera: Tachinidae)

*Pidorus atratus*

- Exorista japonica* (Diptera: Tachinidae)

*Zygaena carniolica*

- Exorista larvarum* (Diptera: Tachinidae)
- Exorista nova* (Diptera: Tachinidae)
- Phryxe magnicornis* (Diptera: Tachinidae)

*Zygaena cocandica*

- Aplomya confinis* (Diptera: Tachinidae)
- Exorista nova* (Diptera: Tachinidae)
- Phryxe prima* (Diptera: Tachinidae)

*Zygaena fausta*

- Chetogena rondaniana* (Diptera: Tachinidae)
- Compsilura concinnata* (Diptera: Tachinidae)
- Exorista segregata* (Diptera: Tachinidae)
- Nemorilla maculosa* (Diptera: Tachinidae)
- Phryxe vulgaris* (Diptera: Tachinidae)

*Zygaena filipendulae*

- Exorista nova* (Diptera: Tachinidae)
- Charops cantator* (Hymenoptera: Ichneumonidae)

*Zygaena hippocrepitis*

- Phryxe vulgaris* (Diptera: Tachinidae)

*Zygaena niphona*

- Compsilura concinnata* (Diptera: Tachinidae)
- Exorista japonica* (Diptera: Tachinidae)

*Zygaena occitanica*

- Exorista segregata* (Diptera: Tachinidae)

*Zygaena sogdiana*

*Exorista nova* (Diptera: Tachinidae)

*Phryxe prima* (Diptera: Tachinidae)

*Zygaena trifolii*

*Chetogena obliquata* (Diptera: Tachinidae)

*Exorista fasciata* (Diptera: Tachinidae)

*Phryxe magnicornis* (Diptera: Tachinidae)

*Zygaena truchmena*

*Exorista nova* (Diptera: Tachinidae)

*Exorista segregata* (Diptera: Tachinidae)

## **Part III – Host Plants**



**Apiaceae***Aegopodium podagraria* L.*Trogus lapidator panzeri* (Hymenoptera: Ichneumonidae) [parasitoid]*Papilio machaon* (Lepidoptera: Papilionidae) [host]**Araliaceae**? *Hedera helix* L.*Saisseta oleae* (Hemiptera: Coccidae) [host]*Moranila californica* (Hymenoptera: Pteromalidae) [parasitoid]**Asteraceae***Cirsium arvense* (L.) Scop.*Hadroplontus litura* (Coleoptera: Curculionidae) [host]*Trichomalus gynetus* (Hymenoptera: Pteromalidae) [parasitoid]*Helianthus annuus* L.*Bracon brevicornis* (Hymenoptera: Braconidae) [parasitoid]*Homoeosoma nebullela* (Lepidoptera: Pyralidae) [host]*Matricaria recutita* L.*Microplontus rugulosus* (Coleoptera: Curculionidae) [host]*Microplontus rugulosus* (Coleoptera: Curculionidae) [host]*Chlorocyclus polichna* (Hymenoptera: Pteromalidae) [parasitoid]*Stenomalina gracilis* (Hymenoptera: Pteromalidae) [parasitoid]*Tripleurospermum perforatum* (Mérat) Lainz*Microplontus rugulosus* (Coleoptera: Curculionidae) [host]*Chlorocyclus polichna* (Hymenoptera: Pteromalidae) [parasitoid]*Arctium lappa* L.*Liriomyza bryoniae* (Diptera: Agromyzidae) [host]*Halticoptera circulus* (Hymenoptera: Pteromalidae) [parasitoid]*Centaurea cyaneus* L.*Urophora quadrifasciata* or *Chaetostomella cylindrica* (Diptera: Tephritidae) [host]*Baryscapus gradwelli* (Hymenoptera: Eulophidae) [parasitoid]*Pronotalia carlinarum* (Hymenoptera: Eulophidae) [parasitoid]*Pteromalus cardui* (Hymenoptera: Pteromalidae) [parasitoid]*Pteromalus* sp. (Hymenoptera: Pteromalidae) [parasitoid]*Cirsium arvense* (L.) Scop.*Chromatomyia* sp. (Diptera: Agromyzidae) [host]*Chromatomyia syngenesiae* (Diptera: Agromyzidae) [host]*Phytomyza ranunculi* (Diptera: Agromyzidae) [host]*Epiclerus panyas* (Hymenoptera: Tetracampidae) [parasitoid]*Lactuca serriola* L.*Enicospilus merdarius* (Hymenoptera: Ichneumonidae) [parasitoid]*Ichneumon* ?*proletarius* (Hymenoptera: Ichneumonidae) [parasitoid]*Plebeius glandon* (Lepidoptera: Lycaenidae) [host]*Hecatera dysodea* (Lepidoptera: Noctuidae) [host]*Sonchus asper* Hill.*Ophiomyia cunctata* (Diptera: Agromyzidae) [host]*Sphegigaster stepicola* (Hymenoptera: Pteromalidae) [parasitoid]**Brassicaceae***Alliaria petiolata* (M. Bieb.) Cavara & Grande*Ceutorhynchus alliariae* (Coleoptera: Curculionidae) [host]*Ceutorhynchus* ?*alliariae* (Coleoptera: Curculionidae) [host]? *Ceutorhynchus alliariae* or *C. roberti* (Coleoptera: Curculionidae) [host]

- Ceutorhynchus constrictus* (Coleoptera: Curculionidae) [host]  
*Ceutorhynchus scrobicollis* (Coleoptera: Curculionidae) [host]  
*Eurytoma* sp. (Hymenoptera: Eurytomidae) [parasitoid]  
*Chlorocytus polichna* (Hymenoptera: Pteromalidae) [parasitoid]  
*Pteromalinae* sp. (Hymenoptera: Pteromalidae) [parasitoid]  
*Stenomalina gracilis* (Hymenoptera: Pteromalidae) [parasitoid]  
*Trichomalus lucidus* (Hymenoptera: Pteromalidae) [parasitoid]  
*Trichomalus perfectus* (Hymenoptera: Pteromalidae) [parasitoid]
- Alliaria** sp.
- Ceutorhynchus alliariae* or *C. roberti* (Coleoptera: Curculionidae) [host]  
*Trichomalus lucidus* (Hymenoptera: Pteromalidae) [parasitoid]
- Brassica napus** L.
- Ceutorhynchus obstrictus* (Coleoptera: Curculionidae) [host]  
*Delia radicum* (Diptera: Anthomyiidae) [host]  
*Trybliographa rapae* (Hymenoptera: Figitidae) [parasitoid]  
*Chlorocytus diversus* (Hymenoptera: Pteromalidae) [parasitoid]  
*Mesopolobus morys* (Hymenoptera: Pteromalidae) [parasitoid]  
*Stenomalina gracilis* (Hymenoptera: Pteromalidae) [parasitoid]  
*Trichomalus perfectus* (Hymenoptera: Pteromalidae) [parasitoid]  
*Trichomalus* sp. (Hymenoptera: Pteromalidae) [parasitoid]
- Brassica oleracea** L.
- Ceutorhynchus ?pallidactylus* (Coleoptera: Curculionidae) [host]  
*Myzus persicae* or *Brevicoryne brassicae* (Hemiptera: Aphididae) [host]  
*Alloxysta victrix* (Hymenoptera: Figitidae) [parasitoid]  
*Pachneuron aphidis* (Hymenoptera: Pteromalidae) [parasitoid]  
*Trichomalus lucidus* (Hymenoptera: Pteromalidae) [parasitoid]
- Brassica oleracea** L. convar. *botrytis* (L.) Alef. var. *botrytis* L.
- Delia radicum* (Diptera: Anthomyiidae) [host]  
*Apanteles sicarius* (Hymenoptera: Braconidae) [parasitoid]  
*Cotesia glomerata* (Hymenoptera: Braconidae) [parasitoid]  
*Cotesia kurdjumovi* (Hymenoptera: Braconidae) [parasitoid]  
*Cotesia rubecula* (Hymenoptera: Braconidae) [parasitoid]  
*Cotesia vestalis* (Hymenoptera: Braconidae) [parasitoid]  
*Microplitis mediator* (Hymenoptera: Braconidae) [parasitoid]  
*Trybliographa rapae* (Hymenoptera: Figitidae) [parasitoid]  
*Bathytrix decipiens* (Hymenoptera: Ichneumonidae) [parasitoid]  
*Diadegma semiclausum* (Hymenoptera: Ichneumonidae) [parasitoid]  
*Exetastes cinctipes* (Hymenoptera: Ichneumonidae) [parasitoid]  
*Hyposoter eberinus* (Hymenoptera: Ichneumonidae) [parasitoid]  
*Itoplectis maculator* (Hymenoptera: Ichneumonidae) [parasitoid]  
*Lochetica westoni* (Hymenoptera: Ichneumonidae) [parasitoid]  
*Meloboris collector* (Hymenoptera: Ichneumonidae) [parasitoid]  
*Mesochorus pectoralis* (Hymenoptera: Ichneumonidae) [parasitoid]  
*Evergestis forficalis* (Lepidoptera: Crambidae) [host]  
*Mamestra brassicae* (Lepidoptera: Noctuidae) [host]  
*Pieris brassicae* (Lepidoptera: Pieridae) [host]  
*Pieris rapae* (Lepidoptera: Pieridae) [host]  
*Plutella xylostella* (Lepidoptera: Plutellidae) [host]
- Brassica oleracea** L. convar. *botrytis* (L.) Alef. var. *cymosa* Duch
- Delia radicum* (Diptera: Anthomyiidae) [host]  
*Trybliographa rapae* (Hymenoptera: Figitidae) [parasitoid]
- Brassica oleracea** L. convar. *capitata* (L.) Alef. var. *alba* DC.
- Microplitis mediator* (Hymenoptera: Braconidae) [parasitoid]

- Diadromus collaris* (Hymenoptera: Ichneumonidae) [parasitoid]  
*Mamestra brassicae* (Lepidoptera: Noctuidae) [host]  
*Plutella xylostella* (Lepidoptera: Plutellidae) [host]  
*Brassica oleracea* L. convar. *capitata* (L.) Alef. var. *rubra* DC.  
*Cotesia glomerata* (Hymenoptera: Braconidae) [parasitoid]  
*Cotesia plutellae* (Hymenoptera: Braconidae) [parasitoid]  
*Microplitis mediator* (Hymenoptera: Braconidae) [parasitoid]  
*Baryscapus galactopus* (Hymenoptera: Eulophidae) [parasitoid]  
*Meloboris collector* (Hymenoptera: Ichneumonidae) [parasitoid]  
*Mesochorus pectoralis* (Hymenoptera: Ichneumonidae) [parasitoid]  
*Mamestra brassicae* (Lepidoptera: Noctuidae) [host]  
*Pieris rapae* (Lepidoptera: Pieridae) [host]  
*Plutella xylostella* (Lepidoptera: Plutellidae) [host]  
*Brassica rapa* L.  
*Delia radicum* (Diptera: Anthomyiidae) [host]  
*Aphaereta minuta* (Hymenoptera: Braconidae) [parasitoid]  
*Capsella bursa-pastoris* (L.) Medik.  
*Ceutorhynchus typhae* (syn. *C. floralis*) (Coleoptera: Curculionidae) [host]  
*Aprostocetus* sp. (Hymenoptera: Eulophidae) [parasitoid]  
*Necremnus tidius* (Hymenoptera: Eulophidae) [parasitoid]

### Chenopodiaceae

- Spinacia oleracea* L.  
*Campoletis annulata* (Hymenoptera: Ichneumonidae) [parasitoid]  
*Hyposoter didymator* (Hymenoptera: Ichneumonidae) [parasitoid]  
*Meloboris collector* (Hymenoptera: Ichneumonidae) [parasitoid]  
*Autographa gamma* (Lepidoptera: Noctuidae) [host]

### Corialaceae

- Trametes gibbosa* Fries  
*Elodia ambulatoria* (Diptera: Tachinidae) [parasitoid]  
*Morophaga choragella* (Lepidoptera: Tineidae) [host]

### Fabaceae

- Genista tinctoria* L.  
*Lissonota bistrigata* (Hymenoptera: Ichneumonidae) [parasitoid]  
*Agonopterix nervosa* (Lepidoptera: Depressariidae) [host]  
*Medicago falcata* L.  
*Acyrtosiphum pisum* (Hemiptera: Aphididae) [host]  
*Therioaphis trifolii* (Hemiptera: Aphididae) [host]  
*Aphidius ervi* (Hymenoptera: Braconidae) [parasitoid]  
*Praon exsoletum* (Hymenoptera: Braconidae) [parasitoid]  
*Pisum sativum* L.  
*Callosobruchus maculatus* (Coleoptera: Bruchidae) [host]  
*Anisopteromalus calandrae* (Hymenoptera: Pteromalidae) [parasitoid]  
*Psoralea bituminosa* L.  
*Bithia demotica* (Diptera: Tachinidae) [parasitoid]  
*Bembecia psoraleae* (Lepidoptera: Sesiidae) [host]

### Fagaceae

- Fagus ?sylvatica* L.  
*Magdalis armigera* (Coleoptera: Curculionidae) [host]  
*Acrocormus semifasciatus* (Hymenoptera: Pteromalidae) [parasitoid]

## Gentianaceae

### *Gentiana lutea* L.

- Agapanthia villosoviridescens* (Coleoptera: Cerambycidae) [host]
- Zeuxia zernyi* (Diptera: Tachinidae) [parasitoid]

## Hippocastanaceae

### *Aesculus hippocastanum* L.

- Achrysocharioides* sp. (Hymenoptera: Eulophidae) [parasitoid]
- Aprostocetus* sp. (Hymenoptera: Eulophidae) [parasitoid]
- Baryscapus nigroviolaceus* (Hymenoptera: Eulophidae) [parasitoid]
- Chrysocharis nephereus* (Hymenoptera: Eulophidae) [parasitoid]
- Chrysocharis nitetis* (Hymenoptera: Eulophidae) [parasitoid]
- Chrysocharis ?pentheus* (Hymenoptera: Eulophidae) [parasitoid]
- Cirrospilus pictus* (Hymenoptera: Eulophidae) [parasitoid]
- Closterocerus trifasciatus* (Hymenoptera: Eulophidae) [parasitoid]
- Minotetrastichus frontalis* (Hymenoptera: Eulophidae) [parasitoid]
- Oomyzus* sp. (Hymenoptera: Eulophidae) [parasitoid]
- Pediobius saulius* (Hymenoptera: Eulophidae) [parasitoid]
- Pnigalio agraulis* (Hymenoptera: Eulophidae) [parasitoid]
- Itoplectis alternans* (Hymenoptera: Ichneumonidae) [parasitoid]
- Scambus annulatus* (Hymenoptera: Ichneumonidae) [parasitoid]
- Pteromalus semotus* (Hymenoptera: Pteromalidae) [parasitoid]
- Pteromalus ?semotus* (Hymenoptera: Pteromalidae) [parasitoid]
- Pteromalus varians* (Hymenoptera: Pteromalidae) [parasitoid]
- Cameraria ohridella* (Lepidoptera: Gracillariidae) [host]

## Liliaceae

### *Allium schoenoprasum* L.

- Napomyza gymnostoma* (Diptera: Agromyzidae) [host]
- Halticoptera circulus* (Hymenoptera: Pteromalidae) [parasitoid]

## Malvaceae

### *Hibiscus* sp.

- Aphis gossypii* (Hemiptera: Aphididae) [host]
- Aphidius colemani* (Hymenoptera: Braconidae) [parasitoid]
- Trioxys angelicae* (Hymenoptera: Braconidae) [parasitoid]

## Oleaceae

### *Olea europaea* L.

- Rhyzopertha dominica* (Coleoptera: Bostrichidae) [host]
- Chelonus elaeaphilus* (Hymenoptera: Braconidae) [parasitoid]
- Di cladocerus westwoodii* (Hymenoptera: Eulophidae) [parasitoid]
- Elasmus steffani* (Hymenoptera: Eulophidae) [parasitoid]
- Eupelmus urozonus* (Hymenoptera: Eupelmidae) [parasitoid]
- Diadegma semiclausum* (Hymenoptera: Ichneumonidae) [parasitoid]
- Anisopteromalus ?calandrae* (Hymenoptera: Pteromalidae) [parasitoid]
- Diplolepis* sp. (Hymenoptera: Pteromalidae) [parasitoid]
- Moranila californica* (Hymenoptera: Pteromalidae) [parasitoid]
- Pteromalus ?semotus* (Hymenoptera: Pteromalidae) [parasitoid]
- Prays oleae* (Lepidoptera: Yponomeutidae) [host]

### ?*Olea europaea* L.

- Saisseta oleae* (Hemiptera: Coccidae) [host]

**Papaveraceae***Papaver* sp.*Ormyrus papaveris* (Hymenoptera: Ormyridae) [parasitoid]**Pinaceae***Abies procera* Rehd.*Mesopolobus pinus* (Hymenoptera: Pteromalidae) [parasitoid]*Megastigmus pinus* (Hymenoptera: Torymidae) [host]*Pinus cembra* L.*Myxexoristops hertingi* (Diptera: Tachinidae) [parasitoid]*Acantholyda pumilionis* (Hymenoptera: Pamphiliidae) [host]*Pinus ?mugo* Turra*Neodiprion ?sertifer* (Hymenoptera: Diprionidae) [host]*Closterocerus formosus* (Hymenoptera: Eulophidae) [parasitoid]*Pseudotsuga menziesii* (Mirb.) Franco*Eupelmus urozonus* (Hymenoptera: Eupelmidae) [parasitoid]*Eurytoma* sp. (Hymenoptera: Eurytomidae) [parasitoid]*Anogmus hohenheimensis* (Hymenoptera: Pteromalidae) [parasitoid]*Mesopolobus spermotrophus* (Hymenoptera: Pteromalidae) [parasitoid]*Mesopolobus zetterstedtii* (Hymenoptera: Pteromalidae) [parasitoid]*Megastigmus spermotrophus* (Hymenoptera: Torymidae) [host]**Poaceae***Phragmites australis* (Cav.) Steud.*Giraudiella inclusa* (Diptera: Cecidomyiidae) [host]*Lipara pullitarsis* (Diptera: Cecidomyiidae) [host]*Bracon fulvipes* (Hymenoptera: Braconidae) [parasitoid]*Chelonus elongatus* (Hymenoptera: Braconidae) [parasitoid]*Cotesia ferruginea* (Hymenoptera: Braconidae) [parasitoid]*Aprostocetus calamarius* (Hymenoptera: Eulophidae) [parasitoid]*Aprostocetus gratus* (Hymenoptera: Eulophidae) [parasitoid]*Aprostocetus longiscapus* (Hymenoptera: Eulophidae) [parasitoid]*Eurytoma crassinervis* (Hymenoptera: Eurytomidae) [parasitoid]*Sycophila ?stagnalis* (Hymenoptera: Eurytomidae) [parasitoid]*Chasmias paludator* (Hymenoptera: Ichneumonidae) [parasitoid]*Gambrus carnifex* (Hymenoptera: Ichneumonidae) [parasitoid]*Thrybius praedator* (Hymenoptera: Ichneumonidae) [parasitoid]*Anoplius caviventris* (Hymenoptera: Pompilidae) [parasitoid]*Rakosina deplanata* (Hymenoptera: Pteromalidae) [parasitoid]*Telenomus busseolae* species aggregate (Hymenoptera: Scelionidae) [parasitoid]*Torymus arundinis* (Hymenoptera: Torymidae) [parasitoid]*Archanara geminipuncta* (Lepidoptera: Noctuidae) [host]*Chilo phragmitella* (Lepidoptera: Pyralidae) [host]*Zea mais* L.*Microgaster famula* (Hymenoptera: Braconidae) [parasitoid]*Protapanteles* near *parallelus* (Hymenoptera: Braconidae) [parasitoid]*Diadegma crassicorne* (Hymenoptera: Ichneumonidae) [parasitoid]*Lysibia nanus* (Hymenoptera: Ichneumonidae) [parasitoid]*Sinophorus turionum* (Hymenoptera: Ichneumonidae) [parasitoid]*Mythimna* sp. (Lepidoptera: Noctuidae) [host]*Sesamia nonagrioides* (Lepidoptera: Noctuidae) [host]*Ostrinia nubilalis* (Lepidoptera: Pyralidae) [host]

## **Polygonaceae**

### *Rumex crispus* L.

- Aphis fabae cirsiacanthoidis* (Hemiptera: Aphididae) [host]
- Aphis fabae evonymi* (Hemiptera: Aphididae) [host]
- Aphis fabae mordvilkoii* (Hemiptera: Aphididae) [host]
- Lysiphlebus cardui* (Hymenoptera: Braconidae) [parasitoid]
- Lysiphlebus fabarum* (Hymenoptera: Braconidae) [parasitoid]

## **Ranunculaceae**

### *Ranunculus velutinus* Tenore

- Phytomyza ?ranunculi* (Diptera: Agromyzidae) [host]
- Stenomalina gracilis* (Hymenoptera: Pteromalidae) [parasitoid]

## **Rosaceae**

### *Malus domestica* Borkh.

- Dictyna uncinata* (Araneae: Dictynidae) [host]
- Anthonomus pomorum* (Coleoptera: Curculionidae) [host]
- Aphis pomi* (Hemiptera: Aphididae) [host]
- Liotryphon caudatus* (Hymenoptera: Ichneumonidae) [parasitoid]
- Liotryphon punctulatus* (Hymenoptera: Ichneumonidae) [parasitoid]
- Liotryphon* sp. (Hymenoptera: Ichneumonidae) [parasitoid]
- Nippocryptus vittatorius* (Hymenoptera: Ichneumonidae) [parasitoid]
- Theroscopus hemipteron* (Hymenoptera: Ichneumonidae) [parasitoid]
- Asaphes suspensus* (Hymenoptera: Pteromalidae) [parasitoid]
- Pteromalus platyphilus* (Hymenoptera: Pteromalidae) [parasitoid]
- Pteromalus varians* (Hymenoptera: Pteromalidae) [parasitoid]
- Cydia pomonella* (Lepidoptera: Tortricidae) [host]

### *Prunus armeniaca* L.

- Osphranteria coerulescens* (Coleoptera: Cerambycidae) [host]
- Xorides corcyrensis* (Hymenoptera: Ichneumonidae) [parasitoid]
- Leucospis dorsigera* (Hymenoptera: Leucospidae) [parasitoid]

### *Prunus persica* (L.) Batsch

- Myzoparsa persicae* (Hemiptera: Aphididae) [host]
- Aphidius colemani* (Hymenoptera: Braconidae) [parasitoid]

### *Prunus* sp.

- Diadegma armillatum* (Hymenoptera: Ichneumonidae) [parasitoid]
- Yponomeuta padella* (Lepidoptera: Yponomeutidae) [host]

### *Rosa canina* L.

- Diplolepis* sp. (Hymenoptera: Cynipidae) [host]
- Pteromalus bedeguaris* (Hymenoptera: Pteromalidae) [parasitoid]

### *Rubus idaeus* L.

- Resseliella theobaldi* (Diptera: Cecidomyiidae) [host]
- Aprostocetus ?zosimus* (Hymenoptera: Eulophidae) [parasitoid]

## **Salicaceae**

### *Populus x euramericana* (Dode) Guinier

- Coelichneumon falsificus* (Hymenoptera: Ichneumonidae) [parasitoid]
- Acronicta megacephala* (Lepidoptera: Noctuidae) [host]

## **Scrophulariaceae**

### *Scrophularia nodosa* L.

- Exetastes crassus* (Hymenoptera: Ichneumonidae) [parasitoid]
- Shargacucullia scrophulariae* (Lepidoptera: Noctuidae) [host]

**Solanaceae***Lycopersion esculentum* Mill.*Macrosiphum euphorbiae* (Hemiptera: Aphididae) [host]*Praon volucre* (Hymenoptera: Braconidae) [parasitoid]*Nicotiana tabacum* L.*Myzus persicae nicotianae* (Hemiptera: Aphididae) [host]*Diaeretiella rapae* (Hymenoptera: Braconidae) [parasitoid]*Praon volucre* (Hymenoptera: Braconidae) [parasitoid]*Solanum nigrum* L.*Liriomyza bryoniae* (Diptera: Agromyzidae) [host]*Halticoptera circulus* (Hymenoptera: Pteromalidae) [parasitoid]**Typhaceae***Typha latifolia* L.*Lydella thompsoni* (Diptera: Tachinidae) [host]*Phygadeuon trichops* (Hymenoptera: Ichneumonidae) [parasitoid]*Spilichneumon ammonius* (Hymenoptera: Ichneumonidae) [parasitoid]*Nonagria typhae* (Lepidoptera: Noctuidae) [host]