

IOBC / WPRS

Commission "Identification Service of Entomophagous Insects"

OILB / SROP

Commission "Service d'Identification des Insectes Entomophages"

DETERMINATION LIST OF ENTOMOPHAGOUS INSECTS

Nr. 14

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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

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

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

Tachinidae

Actia pilipennis Fallén

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

Pandemis heparana Denis & Schiffermüller (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 tanais 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
- Orygia 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 (MNHN)

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

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 devectora 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, Chrummy, 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)

Chlorocyclus 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)

Chlorocyclus 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. Maillieux, det. Baur (LUBIES); 2 ♂, 1 ♀, same, leg. Molenberg (LUBIES); 1 ♀, Belgium: Luxembourg, Spa, leg. Maillieux, det. Baur (LUBIES); 4 ♂, 4 ♀, Belgium: Luxembourg, Vielsalm, leg. Maillieux, 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. Maillieux, 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

Dictynidae

Dictyna uncinata

Pteromalus platyphilus (Hymenoptera: Pteromalidae)

COLEOPTERA

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**

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

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

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

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 turrata (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

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)
Morophaga 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]
Itopectis 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 chorangella (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]
- Dicladocerus 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]