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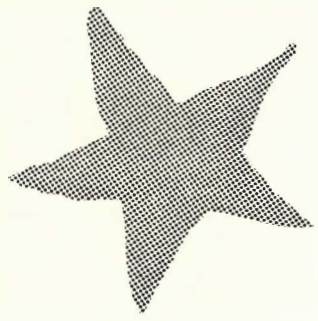
Commission

"Identification"

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IOBC/WPRS

Commission "Identification Service of Entomophagous Insects"

OILB/SROP

Commission "Service d'Identification des Insectes Entomophages"

DETERMINATION LIST OF ENTOMOPHAGOUS INSECTS
Nr. 12

Edited by S. Vidal

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Contents

	page
Preface	i
Use of the identification list	ii
Abbreviations of countries	iii
Abbreviations of determinators	iii
 Part I - Parasitoid or Predator	
Hymenoptera:	
Braconidae	Nr. 1 - 80 1
Ichneumonidae	Nr. 81 - 109 7
Cynipidae	Nr. 110 9
Chalcididae	Nr. 111 - 113 10
Elasmidae	Nr. 114 10
Encyrtidae	Nr. 115 - 123 10
Eulophidae	Nr. 124 - 205 11
Eupelmidae	Nr. 206 - 209 21
Eurytomidae	Nr. 210 - 223 22
Perilampidae	Nr. 224 - 225 23
Pteromalidae	Nr. 226 - 280 24
Torymidae	Nr. 281 - 292 29
Trichogrammatidae	Nr. 293 - 295 30
Proctotrupidae	Nr. 296 30
Ceraphronidae	Nr. 297 31
Diptera:	
Bombyliidae	Nr. 298 31
Muscidae	Nr. 299 31
Tachinidae	Nr. 300 - 403 31
Coleoptera:	
Coccinellidae	Nr. 404 41
 Part II - Hosts or prey	
Dermaptera	42
Orthoptera	42
Heteroptera	42
Homoptera	43
Coleoptera	43
Hymenoptera	47
Lepidoptera	56
Plannipennia	52
Diptera	52
Acari	54
 Part III - host plants	 55

Preface

The 12th identification list presented here gives the results of determinations which were made since 1989 by the Identification Service of Entomophagous Insects at the West Palearctic Regional Section of the I.O.B.C. The efforts and kind cooperation of the participating specialists, who were involved in the specific determinations shown in the list, is greatly appreciated. We are especially grateful to Dr. J.-P. Aeschlimann, Montpellier, who again allowed the inclusion of the results of many of his parasitoid rearings. Moreover, I wish to thank Dr. B. Herting and Dr. H.-P. Tschorsnig, Stuttgart, who identified all the Diptera records and compiled the results.

Specimens of entomophagous Diptera for identification should be sent to:

Dr. H.-P. Tschorsnig
Städtisches Museum für Naturkunde
Rosenstein 1
D - 7000 Stuttgart 1
Bundesrepublik Deutschland

All other entomophagous specimens should be sent to:

Dr. S. Vidal
Institut für Pflanzenschutz
Universität Hannover
Herrenhäuser Str. 2
D- 3000 Hannover 21
Bundesrepublik Deutschland

The identification service determines, with some rare exceptions, only specimens from the region covered by the West Palearctic Regional Section of the I.O.B.C. (Europe, Mediterranean Countries, Near East). The names of host or prey of the entomophagous insects must be given. Biological and ecological data concerning the attacked developmental stage of host or rate of parasitism should also be added. Furthermore, host plants are of special interest and should therefore be added when possible. In many cases, this additional information can considerably facilitate identification.

By the identification service the I.O.B.C./W.P.R.S. is hoping to provide information on the abundance, host relationships and effectiveness of different entomophagous species. This should close some gaps in our knowledge and stimulate further cooperation of ecologists and specialists in biological control.

Dr. S. Vidal
Convener Commission "Identification service of entomophagous insects"

The use of the identification list No. 12: explanation

The twelfth identification list is based on the same principles as the preceding ones (see for example: E. HAESELBARTH (ED.): DETERMINATION LIST OF ENTOMOPHAGOUS INSECTS NO. 11 - WPRS Bulletin 1989/ XII / 7).

In part I ("Parasitoid or Predator") the serial number is followed by the name of the parasitoid or predator. The name of the host or prey arthropod is given in the succeeding line preceded by a blank space. In several cases, the host plant is also given after "on" or "in", which does not refer to the location of the host living at the surface or concealed in the tissue of the plant in every case. This information is followed by the number and sex of the species determined, if known, as well as the collection site, in the sequence: country, location, province. Country names are abbreviated using the system used for automobiles (see table). Thereafter, the name of the collector is given. Finally the name of the taxonomist is shown in brackets (see table for abbreviations). Primary parasitoids as hosts of hyperparasitoids are included in part I under the number of the hyperparasitoids and as well in part II as hosts. In such cases, the succeeding line starts with the name of the primary parasitoid, followed by the primary host and connected with the term "via". If several hosts for one parasitoid species are listed, the sequence of the host species is strictly alphabetical.

In part II (Host or Prey) the names of the hosts or prey are followed by a corresponding reference number to part I. This is also done for primary hosts as hosts of hyperparasitoids.

Part III gives a list of the host plants.

Abbreviations of countries:

A	Austria
B	Belgium
BUL	Bulgaria
CH	Switzerland
CS	Czechoslovakia
E	Spain
F	France
D	Federal Republik of Germany
DZ	Algeria
GB	Great Britain
GR	Greece
I	Italy
J	Japan
MA	Marocco
N	Norway
NL	Netherlands
P	Portugal
PL	Poland
RSA	Republic of South Africa
RO	Rumania
S	Sweden
SF	Finland
SU	formerly USSR
TN	Tunesia
TR	Turkey
YU	Yugoslavia

Abbreviations of determinators:

C. van Achterberg, Leiden	(AC)
P. Dessart, Brüssel	(DE)
E. Diller, München	(DI)
M. Capek, Banská Stiavnica	(CA)
H.H. Evenhuis,	(EV)
H. Fürsch, Passau	(FÜ)
E. Haeselbarth, München	(HA)
B. Herting, Stuttgart	(HE)
H. Hilpert, München	(HI)
R. Hinz, Einbeck	(HI)
K. Horstmann, Würzburg	(HO)
P.B. Jensen, Aarhus	(JE)
G. Miksch, Stuttgart	(MI)
J. Papp, Budapest	(PA)
B. Pintureau, Lyon	(PI)
S. Vidal, Hannover	(VI)
H.-P. Tschorsnig, Stuttgart	(TS)

Part I - Parasitoid or Predator

Braconidae:

- 1 *Aleiodes assimilis* Nees
Zygaena trifolii Esp. - ♂, E, Estartit, Gerona, leg. Prinz (AC)
- 2 *Aleiodes bicolor* Spinola
Lysandra coridon Poda - D, Oberleinbach, Würzburg, leg. K. Fiedler (AC)
- 3 *Aleiodes borealis* Thomson
Autographa gamma L. - ♀; Bornheim near Bonn, leg. G. Peters (AC)
- 4 *Aleiodes gastritor* Thunberg
Epirrita autumnata Borkh. - ♂, ♀; N, S, SF, leg. Ruohomäki (AC)
- 5 *Apanteles corvinus* Reinhard
Lyonetia clerkella L. on *Sorbus aucuparia* - ♀; D, Kiel, leg. Wedemeyer (HA)
- 6 *Apanteles immunis* Haliday
Epirrita autumnata Borkh. - ♂, ♀; N, S, SF, leg. Ruohomäki (HA)
- 7 *Apanteles isolde* Nixon
Polyploca ridens Fbr. - ♂, ♀; Scandinavia, leg. Ruohomäki (HA)
- 8 *Apanteles lineipes* Wesmael
Zeiraphera rufimitrana H.-S. - laboratory rearings - ♂, ♀; D, Freiburg, leg. W. Achten (HA)
- 9 *Apanteles metacarpalis* Thomson
Scrobipalpa obsoletella F.v.R. on *Atriplex hastata* - 1♂, 1♀; D, Hauke-Haien-Koog, Schleswig-Holstein, leg. Stüning (HA)
- 10 *Apanteles pedias* Nixon
Phyllonorycter sorbi Frey on *Sorbus aucuparia* - ♀; D, Kiel, Umgebung, leg. Wedemeyer (HA)
- 11 *Apanteles spurius* Wesmael
Poecilocampa populi L. - ♀; Scandinavia, leg. Ruohomäki (HA)
Trichiura crataegi L. - ♀; Scandinavia, leg. Ruohomäki (HA)
- 2 *Ascogaster quadridentata* Wesmael
Cydia pomonella L. on *Malus* sp. - 1♂; D, Dossenheim, leg. N. Blago (PA)

- 13 ***Bracon ?carpaticus*** Niez.
Larinus flavescens Germ. - 4♀; F, Pra des-le-Lez, leg. Aeschlimann (CA)
- 14 ***Bracon discoideus*** Wesmael
Pontania ?"brigidman" on *Salix cinerea* - 1♂; D, Mittelhessen, leg. Weiffenbach (PA)
Pontania proxima Lep. - 1♀; D, Gießen, leg. Weiffenbach (PA)
- 15 ***Bracon epitriptus*** Marshall
Fenusia pusilla Lep. on *Betula sp.* - 1♂; D, St. Peter, Schleswig- Holstein, leg. Weiffenbach (PA)
- 16 ***Bracon hemiflavus*** Szépligeti
Larinus flavescens Germ. - 1♀; F, Pra des-le-Lez, leg. Aeschlimann (CA)
- 17 ***Bracon intercessor*** Nees
Scrobipalpa obsoletella F.v.R. - ♂, ♀; D, Meldorfer Bucht, Schleswig-Holstein, leg. Stüning (PA)
- 18 ***Bracon mariae*** Dalla Torre
Chaetorellia jaceae Rob.-Des. on *Centaurea sp.* - ♀; D, Gießen , leg. Weiffenbach (PA)
- 19 ***Bracon obscurator*** Nees
Chaetorellia jaceae Rob.-Des. on *Centaurea sp.* - ♀; D, Gießen, leg. Weiffenbach (PA)
- 20 ***Bracon pectoralis*** Wesmael
Larinus flavescens Germ. - 1♀; F, Pra des-le-Lez, leg. Aeschlimann (CA)
- 21 ***Bracon subglaber*** Szépligeti
Chaetorellia jaceae Rob.-Des. on *Centaurea sp.* - ♂, ♀; D, Gießen, leg. Weiffenbach (PA)
- 22 ***Bracon trucidator*** Marsh.
Urophora solstitialis L. on *Carduus nutans* - 2♂; F, Cava-lerie, 7♂; F, Hospital, leg. Aeschlimann (CA)
- 23 ***Bracon urinator*** Fabricius
Rhinocyllus conicus Frölich on *Carduus nutans* - 1♂, 2♀; F, Cavalerie, leg. Aeschlimann (CA)
Larinus flavescens Germ. - 1♀; F, Pra des-le-Lez, leg. Aeschlimann (CA)
- 24 ***Bracon variator*** Nees
Urophora sp. on *Carduus nutans* - 1♀; F, Hospital, leg. Aeschlimann (CA)
Larinus sp. on *Carduus nutans* - 1♂; F, Cavalerie, leg. Aeschlimann (CA)
Larinus flavescens Germ. - 1♂; F, Brac Pra des-le-Lez, leg. Aeschlimann (CA)

- 25 *Choeras parasitellae* Bouché
Nemapogon sp. in *Bjerkandera adusta* on *Carpinus betulus* - ♂, ♀; D, Stuttgart, leg. Eichhorn (HA)
- 26 *Choeras suffolkiensis* Morley
Ethmia terminella Fletcher on *Echium vulgare* - 1♂, 3♀; F, Brac, St-Gilles, leg. Aeschlimann (CA)
Palpita unionalis Hbn. on *Lonicera* sp. - 3♀; E, Machico, Madeira, leg. Stüning (HA)
- 27 *Choeras tiro* Reinhard
Cnephasia sp. on *Solidago canadensis* - D, Kiel, leg. Stüning (HA)
- 28 *Chorebus glaber* Nixon
Napomyza cichorii Spencer on *Cichorium intybus* - 1♂, 2♀; B, Merelbeke, leg. de Clercq (HA)
- 29 *Chorebus ?xiphidius* Griffiths
Psila rosae Fbr. - ♂, ♀; D, Kiel, leg. Stüning (HA)
- 30 *Coeloides forsteri* Haeselbarth
Pissodes pini L. - ♂, ♀; F, St. Nabord (Vosges); CH, Graubünden, Ofenpass, all leg. M. Kenis (HA)
- 31 *Coeloides sordidator* Ratzeburg
Pissodes castaneus DeG. - ♂, ♀; F, Liffré, Bretagne; ♂, ♀; CH, Graubünden, Ofenpass, all leg. M. Kenis (HA)
Pissodes pini L. - ♀; CH, Delémont, Jura, leg. M. Kenis (HA)
Pissodes validirostris Sahlb. - ♂, ♀; F, St. Crépin, Alps, leg. M. Kenis (HA)
- 32 *Colastes braconius* Haliday
Liriomyza impatientis Bri. on *Impatiens parviflora* and *I. noli-tangere* - ♂, ♀; D, Umgebung Bonn, leg. G. Schmitz (HA)
Phyllonorycter sorbi Frey on *Sorbus aucuparia* - ♀; D, Kiel, Umgebung, leg. Wedemeyer (HA)
- 33 *Colastes flavitarsis* Thomson
Phyllonorycter geniculella Rag. - ♂, ♀; D, Mittelhessen, leg. Weiffenbach (PA)
Phyllonorycter maestingella Zell. - 1♂; D, Mittelhessen, leg. Weiffenbach (PA)
- 34 *Colastes incertus* Wesmael
Eriocrania unima ulella Zett. on *Betula* sp. - ♂, ♀; D, Kiel, leg. T. Jordan (AC) (HA)
- 35 *Cotesia ferruginea* Marshall
Chilo phragmitella Hbn. on *Phragmites australis* - ♂, ♀; D, Liedolsheim, Karlsruhe, leg. T. Tschardtke (HA)
- 36 *Cotesia gastropachae* Bouché
Aporia crataegi L. - ♂, ♀; NE-France, leg. Stüning (PA)

- 37 ***Cotesia glomerata*** L.
Pieris brassicae L.- ♀; E, Costa del Sol, Benalmadena, leg. Stüning (HA); ♂, ♀; D, Umgebung Bonn, leg. G. Peters (PA)
- 38 ***Cotesia kazak*** Telenga
Helicoverpa armigera Hbn. - 2♂; E, Barcelona, leg. Izquierdo (PA)
- 39 ***Cotesia orestes*** Nixon
Philodoria potatoaria L. on *Glyceria maxima* - ♂, ♀; D, Lütjenburg, Schleswig-Holstein, leg. C. Pusch (HA)
- 40 ***Cotesia plutellae*** Kurdjumov
Mamestra oleracea L. - 1♂; I, Scafati, leg. Sannino (PA)
Plutella xylostella L. - ♂, ♀; D, Umgebung Bonn, leg. G. Peters (PA)
- 41 ***Cotesia rubecula*** Marshall
Pieris rapae L. - ♂, ♀; D, Umgebung Bonn, leg. G. Peters (PA)
- 42 ***Cotesia ruficrus*** Haliday
Helicoverpa armigera Hbn. - 1♀; E, Barcelona, leg. Izquierdo (PA)
- 43 ***Cotesia saltatorius*** Balewski
Lysandra coridon Poda - D, ?Würzburg, leg. K. Fiedler (PA)
- 44 ***Cotesia specularis*** Szépligeti
Chloroclystis v-ata Haw. on *Solidago canadensis* - ♂, ♀; D, Kiel, leg. Stüning (PA)
- 45 ***Cotesia telengai*** Tobias
Pediasia aridella Thb. - 2♀; D, Meldorfer Bucht, Schleswig-Holstein, leg. Stüning (PA)
- 46 ***Cotesia tibialis*** Curtis
Noctua pronuba L. - 5♂, 1♀; I, Scafati, leg. Sannino (PA)
Pieris brassicae L. on *Brassica sp.* - ♂, ♀; D, Umgebung Bonn, leg. G. Peters (PA)
- 47 ***Dacnusa areolaris*** Nees
Phytomyza horticola Gour. on lettuce in greenhouse - D, Heilbronn, leg. Schrameyer (HA)
- 48 ***Dacnusa laeta*** Nixon
Liriomyza impatientis Bri. on *Impatiens parviflora* - ♂, ♀; D, Bonn-Ippendorf, leg. G. Schmitz (HA)
- 49 ***Dacnusa maculipes*** Thomson
Phytomyza fuscula Zett. on *Alopecurus myosuroides* - 1♂, 5♀; D, Karlsruhe, leg. Greiler (HA)

- 50 ***Dapsilarthra balteata*** Thomson
Agromyza nigrella Rond. - 2♂, 9 ♀; CH, Flaach, leg. Bigler (PA)
- 51 ***Diolcogaster connexus*** Nees
Euproctis similis L. - 1♂, 10♀; D, Eggstedt, Schleswig-Holstein, leg. Stüning (HA)
- 52 ***Diospilus capito*** Nees
Meligethes sp. on *Brassica napus* - ♂, ♀; D, Kiel, leg. Schmidt (HA) (PA)
- 53 ***Dolichogenidea ensiformis*** Ratzeburg
Plutella xylostella L. - ♀; Umgebung Bonn, leg. G. Peters (PA)
- 54 ***Dolichogenidea laevigata*** Ratzeburg
Tortrix viridana L. - ♂, ♀; YU, Kosutnjak, Belgrad, leg. Gruppe (HA)
- 55 ***Dolichogenidea longicauda*** Wesmael
Athrips mouffetella L. on *Symphoricarpos* sp. - ♂, ♀; D, Kiel, leg. Stüning (PA)
- 56 ***Dolichogenidea phaloniae*** Wilkinson
Isophryctis striatella Denis & Schiff. on *Tanacetum vulgare* - ♂, ♀; D, Vieburger Gehölz, Schleswig-Holstein, leg. K. Haus (HA)
- 57 ***Dolichogenidea sciaria*** Marshall
Scrobipalpa obsoletella F.v.R. on *Atriplex hastata* - 1♂, 1♀; D, Kiel, Falkensteiner Strand, leg. Stüning (HA)
- 58 ***Dolichogenidea ?sciaria*** Marshall
Isophryctis striatella Denis & Schiff. on *Tanacetum vulgare* - ♂, ♀; D, Vieburger Gehölz, Schleswig-Holstein, leg. K. Haus (HA)
- 59 ***Eubazus minutus*** Ratzeburg
Rhynchaenus fagi L. on *Fagus sylvatica* - 1♀; BUL, Strandija Mountains, leg. Tshankov (AC)
- 60 ***Euscelinus sarawacicus*** Westwood
Sinoxylon cornigerum Gerst. in wood imported from India - ♂, ♀; D, Nürnberg, leg. v.d. Dunk-Kraus (AC)
- 61 ***Habrobracon stabilis*** Wesmael
Clepsis rogana Guenée on *Veratrum album* - ♀; CH, Berner Oberland, leg. Schaffner (PA)
- 62 ***Ichneutes brevis*** Wesmael
Endophytus anemones Hering on *Anemona nemerosa* - ♀; A, Etzen, Niederösterreich, leg. Altenhofer (AC) (HA)
- 63 ***Macrocentrus cingulum*** Brischke
Pleuroptya ruralis Scop. - 12♂; F, Nice, leg. Stüning (AC)

- 64 **Macrocentrus collaris var. dubius** Wesmael
Chrysodeixis chalcites Esp. - 2♂, 4♀; E, Madeira, Machico, leg. Stüning (AC)
- 65 **Macrocentrus pallipes** Nees
Clepsis rogana Guenée on *Veratrum album* - ♂, ♀; CH, Berner Oberland, leg. Schaffner (HA)
Clepsis spectrana Tr. - 1♂, 4♀; D, Dagebüll, Schleswig-Holstein, leg. Stüning (HA)
Hedya nubiferana Haw. - 2♂, 10♀; D, Kiel, leg. Stüning (HA)
Olethreutes siderana Tr. - 1♂, 5♀; D, Backendorf Viöl, Schleswig-Holstein, leg. Stüning (HA)
- 66 **Meteorus rubens** Nees
Agrotis ipsilon Hufn. on *Zea mays* - 3♂, 9♀; CH, St. Prex; ♂, 12♀; CH; Cadenazzo; 12♀ CH, Gordola; 3♂, 3♀; CH, Gudo; 9♀; F, Savoie, Chamberry, all leg. Hächler (HA)
- 67 **Microdus calculator** Fabr.
Morophaga coragellus Zell. - ♂, ♀; I, Forli, Sasso Frattino, leg. Campedelli (HA)
- 68 **Microdus tumidulus** Nees
Latronympha strigana Fbr. - 1♂, 1♀; D, Ottendorf, Schleswig-Holstein, leg. Stüning (HA)
- 69 **Microplitis spectabilis** Haliday
Agrotis ipsilon Hufn. on *Zea mays* - 2♀; CH, Saillon, 6♀; CH, Gudo, 6♀; CH, Gordola, TI, all leg. Hächler (HA);
Agrotis segetum Denis & Schiff. - 2♀; I, Scafati, leg. Sannino (PA); 4♀; CH, Fully, VS, 1♂, 3♀; CH, Gudo, all leg. Hächler (PA)
- 70 **Microplitis tuberculifer** Wesmael
Autographa gamma L. - ♂, ♀; D, Umgebung Bonn, leg. G. Peters (PA)
Mamestra brassicae L. - ♂, ♀; D, Umgebung Bonn, leg. G. Peters (PA)
- 71 **Pholetesor maritimus** Wilkinson
Bucculatrix maritima Stt. on *Aster tripolium* - 1♂, 12♀; D, Meldorf, Vorland, Schleswig-Holstein, leg. Stüning (HA)
- 72 **Pholetesor phaetusa** Nixon
Elachista poae Stt. on *Glyceria maxima* - ♂, ♀; D, Lütjenburg, Schleswig-Holstein, leg. C. Pusch (HA)
- 73 **Protodacnusa ?aridula** Thomson
Agromyza nigrella Rond. - 5♂, 7 ♀; CH, Flaach, leg. Bigler (PA)
- 74 **Rhysipolis caudatus** Thomson
Scrobipalpa ?atriplicella F.v.R. on *Atriplex hastata* - 2♀; D, Hauke-Haien-Koog, Schleswig-Holstein, leg. Stüning (PA)
- 75 **Sarops rea** Nixon
Oscinellinae on *Phragmites australis* - 4♀; Karlsruhe, Lohfeld, leg. Michel (HA)

- 76 ***Triaspis obscurellus*** Nees
Gymnetron anthirrhini Payk. on *Linaria vulgare* 1♂; D, Hameln, leg. P. Sprick (PA)
Stereonychus fraxini DeG. on *Fraxinus excelsior* - 2♂, 1♀; BU, Sofia, leg. G. Markova (PA)
- 77 ***Triaspis striatellus*** Nees
Anthonomus peduncularis L. - 1♂, 1♀; D, Kiel, leg. Meyerhöfer (PA)
- 78 ***Triaspis thoracicus*** C.
Stereonychus fraxini DeG. on *Fraxinus excelsior* - 2♂, 1♀; BUL, Sofia, leg. Markova (PA)
- 79 ***Zele chlorophthalmus*** Spinola
Pyraustra aurata Scop. - 1♂; D, Bonn, Duisdorf, leg. Stüning (HA)
- 80 ***Zele deceptor*** Wesmael
Epirrita autumnata Borkh. - ♂, ♀; N, SF, leg. Ruohomäki (AC)

Ichneumonidae:

- 81 ***Banchus pictus*** Fbr.
Discestra trifolii Hufn. - 3♂, 5♀; D, Kiel, Falkenstein-Strand, leg. Stüning (DI)
- 82 ***Bathythrix decipiens*** Gravenhorst
Cydia pomonella L. on *Malus sp.* - 2♀; D, Dossenheim, leg. Blago (HO)
- 83 ***Bathythrix pellucidator*** Gravenhorst
Episyrrhus balteatus DeG. on *Acer platanoides* - 1♀; D, Leipzig, leg. Pellmann, (HO)
- 84 ***Campoletis rapax*** Gravenhorst
Autographa gamma L. - 1♀; CH, Cantone, leg. Hächler (HO)
- 85 ***Campoplex fuscipes*** Holmgren
Agrotis segetum Denis & Schiff. - 1♀; CH, Saillon, VS, leg. Hächler (HO)
- 86 ***Colpotrochia cincta*** Scopoli
Axylia putris L. - 6♂, 2♀; I, Scafati, leg. Sannio (HI)
- 87 ***Ctenichneumon panzeri*** Wesmael
Agrotis ipsilon Hufn. - 1♀; CH, Fully, VS; 1♀; CH, Cadenazzo, all leg. Hächler (HI)
- 88 ***Diadegma pulchripes*** Kokujev
Phthorimaea operculella Zell. - 2♀; IS, Kfar Aza, leg. Gilboa (HO)

- 89 ***Diphyus mercatorius*** Fbr.
Agrotis segetum Denis & Schiff. - 1 ♀; CH, Saillon; 2♂, 2♀; CH, Sion, VS, all leg. Hächler (HO)
Agrotis ipsilon Hufn. - 1♂, 2♀; CH, Sion, VS, leg. Hächler (HO)
- 90 ***Diphyus palliatorius*** Gravenhorst
Xestia c-nigrum L. - 2♀; CH, Gudo, TI, leg. Hächler (HI)
- 91 ***Diplazon laetatorius*** Fbr.
Episyrrhus balteatus DeG. on *Cichorium intybus* - 1♀; D, Leipzig, leg. Pellmann (HO)
- 92 ***Dolichomitus messor*** Gravenhorst
Synanthedon sphecoformis Denis & Schiff. - 1♀; D, Radbruch, Niedersachsen, leg. Riefenstahl (HO)
- 93 ***Dusona terebrator*** Förster
Athetis hospes Freyer - 2♂ 12♀; I, Scafati, Sfarfalla, leg. Sannio (HI)
- 94 ***Enicospilus ramidulus*** L.
Mamestra oleracea L.- 3♂, 4♀; I, Scafati, Sfarfalla; 1♂; I, Crualidi, all leg. Sannio (HO)
- 95 ***Enytus apostatus*** Gravenhorst
Zeiraphera rufimitrana H.-S. - ♂; D, Schwarzwald, leg. Achten (HO)
- 96 ***Eutanyacra picta*** Schrank
Agrotis ipsilon Hufn. - 2♂, 3♀; CH, Cadenazzo, leg. Hächler (HO)
- 97 ***Gelis areator*** Panzer
Stereonychus fraxini DeG. on *Fraxinus excelsior* - 1♀; BUL, Sofia, leg. G. Markova (HO)
Narycia monilifera Geoff. - 4♂, 1♀; D, Schwerin, leg. Riefenstahl (HO)
- 98 ***Gelis longicauda*** Thomson leg.
Stereonychus fraxini DeG. on *Fraxinus excelsior* - 1♂; BUL, Sofia, leg. Markova (HO)
- 99 ***Hyposoter didymator*** Thunberg
Helicoverpa armigera Hbn. - 3♂, 1♀; E, Barcelona, leg. Izquierdo (HO)
- 100 ***Lemophagus curtus*** Townes
Oulema melanopus L. - ♂, ♀; CH, Bern, Langenthal, leg. P. Schärer (HA)
- 101 ***Liotryphon crassisetus*** Thomson
Cydia pomonella L. on *Malus sp.* - 1♀; D, Dossenheim, leg. Blago (HO)
- 102 ***Metopius dentatus*** Fbr.
Lasiocampa quercus L. - 1♀; D, Dosenmoor, Neumünster, leg. Stüning (DI)

- 103 ***Orthopelma mediator*** Thunberg
Diplolepis rosae L. on *Rosa sp.* - ♀; D, Gießen, leg. Weiffenbach (HI)
- 104 ***Pimpla turionella*** L.
Cydia pomonella L. on *Malus sp.* - 1 ♂, 2 ♀; D, Dossenheim, leg. Blago (HO)
Eupoecilia ambiguella Hbn. - 1 ♀; CH, Malans, GR, leg. Remund (HO)
- 105 ***Pristomerus vulnerator*** Pa.
Cydia pomonella L. on *Malus sp.* - 1 ♂, 1 ♀; D, Dossenheim, leg. N. Blago (HO)
- 106 ***Scambus pomorum*** Ratzeburg
Anthonomus pomorum L. - 1 ♀; CH, Wädenswil, leg. Höhn (HO)
- 107 ***Therion circumflexum*** L.
Noctua pronuba L. - 1 ♀; CH, Cantone, leg. Hächler (HO)
Xestia c-nigrum L. - 1 ♂, 1 ♀; CH, Gudo, TI, leg. Hächler (HO)
- 108 ***Trichomma enecator*** Rossi
Cydia pomonella L. on *Malus sp.* - 1 ♂, 1 ♀; D, Dossenheim, leg. N. Blago (HO)
- 109 ***Tycherus osculator*** Thunberg
Zeiraphera rufimitrana H.-S. - ♂, ♀; D, Schwarzwald, leg. Achten (HO)

Cynipoidea:

Charipidae:

- 110 ***Phaenoglyphis villosa*** Hartig
Diuraphis noxia Mord. on *Triticum sp.* - GUS, Odessa, Ukraine, leg. ? (EV)

Chalcidoidea:

Chalcididae:

- 111 *Brachymeria intermedia* Nees
Zygaena trifolii Esp. cocoon - 1 ♀; E, Estarrit, Prov. Gerona, leg. Ochsenfels (VI)
Zygaena sp. - 2 ♀; I, Piemont, leg. Sutter (VI)
- 112 *Brachymeria vitripennis* Först.
Cassida azurea Fbr. on *Silene vulgaris* - 4 ♀; CH, Susten, leg. Haefelfinger (VI)
- 113 *Hockeria unicolor* Walker
Zygaena cf. oranascolon - 1 ♂; I, Pharrus, Sardinien, Prov. Oristano, leg. Prinz (VI)

Elasmidae:

- 114 *Elasmus albipennis* Thomson
Apanteles lacteicolor Vier. via *Euproctis chrysorrhoea* L. - 2 ♀; D, Freiburg, leg. Maier (VI)

Encyrtidae:

- 115 *Bothriothorax clavicornis* Dlm.
Episyrrhus balteatus DeG. on *Triticum sp.* - 6 ♂, 14 ♀; D, Göttingen, leg. B. Tenhumberg (JE)
- 116 *Coelopencyrtus arenarius* Erdös
Heriades sp. - 1 ♂, 9 ♀; D, Kraichgau Münzesheim, leg. J. Wesslerling (VI)
- 117 *Coelopencyrtus callidii* (Jansson)
Megachile rotundata Fbr. - 3 ♂, 12 ♀; Mongolia, leg. Seidelmann (JE)
- 118 *Copidosoma floridanum* Ashmead
Autographa gamma L. on cabbage - 37 ♂; D, Köln-Wesseling, leg. Peters (JE)
- 119 *Holcothorax testaceipes* Rtz.
Phyllonorycter blancardella Fbr. - 9 ♀; D, Kiel, leg. Stüning (VI);
Phyllonorycter harrisella L. on *Quercus sp.* - 12 ♀; D, Oldenburg, leg. Stüning; 3 ♂, 5 ♀;
D, Groß Krentz, Kr. Potsdam, leg. W. Mey (VI)

- 120 *Parablastothrix metatibialis* Erdős
Stigmella roborella Joh. - 1♂, 3♀; D, Potsdam, leg. W. Mey (JE)
- 121 *Parablastothrix montana* Erdős
Stigmella salicis Stt. - 1♀; D, Potsdam, leg. W. Mey (JE)
- 122 *Parablastothrix plugarui* Trjapitzin
Bucculatrix ulmella Zell. - 5♀; D, Potsdam, leg. W. Mey (JE)
- 123 *Syrphophagus pertiades* Walker
Episyrphus balieatus DeG. on *Triticum* sp. - 5♂, 16♀; D, Göttingen, leg. B. Tenhumberg (JE)

Eulophidae:

- 124 *Achrysocharoides atys* Walker
Phyllonorycter cydoniella Denis & Schiff. - 1♂, 1♀; D, Neubochow, Kr. Potsdam, leg. W. Mey (VI); 1 1 ex
- 125 *Achrysocharoides latreillii* Curtis
Phyllonorycter harrisella L. on *Quercus* sp. - 2♀; D, Groß Krentz Kr. Potsdam, leg. W. Mey (VI)
Phyllonorycter lautella Zell. - 1♀; D, Groß Krentz Kr. Potsdam, leg. W. Mey (VI);
- 126 *Achrysocharoides splendens* (Delucchi)
Callisto denticulella Thb. - 7 ♀; D, Genshagener Heide, leg. W. Mey (VI); 3♀; D, Damsdorf, Mark Brandenburg, leg. W. Mey (VI)
- 127 *Achrysocharoides zwölferei* (Delucchi)
Phyllonorycter connexella Zell. - 1♀; D, Templiner Forsthaus, Kr. Potsdam, leg. W. Mey (VI)
Phyllonorycter salicicolella Sircom - 1♀; D, Springbruch, Kr. Potsdam, leg. W. Mey (VI)
- 128 *Aprostocetus aurantiacus* Ratzeburg
Diplolepis nervosa Curt. on *Rosa* sp. - 3♂, 7♀; D, Kiel, leg. Witt (VI); 1♂, 4♀; D, Kiel, leg. Holsten
Diplolepis eleganteriae Hartig - 2♂, 4♀ DK, leg. Holsten (VI)
- 129 *Aprostocetus eriophyes* Taylor
Cecidophyopsis ribis Westw. - 2♀; D, Rellingen, Schleswig-Holstein, leg. Schließke (VI)
- 130 *Aprostocetus eurytomae* Nees
Diplolepis mayri Schlecht. on *Rosa canina* - 1♂, 10♀; D, Maschen leg. Vidal (VI)
Diplolepis eleganteriae Hartig on *Rosa* sp. - 2♂, 5♀; D, Kiel, leg. Holsten (VI)

- 131 *Aprostocetus microscopicus* Rondani
Cystiphora sonchi Bremi on *Sonchus palustris* - 21 ♂, 14 ♀; D, Aschau, Eckernförder Bucht, leg. Meyhöfer (VI)
Cystiphora taraxaci Kieff. on *Taraxacum officinale* - 4 ♂, 9 ♀; D, Kiel, Projensdorf, leg. Meyhöfer (VI)
- 132 *Aprostocetus pausiris* Walker
Lipara sp. on *Phragmites australis* - 1 ♀; D, Langen, Hessen, leg. Wolf (VI)
- 133 *Aprostocetus serratularum* Graham
Metzneria sp. on *Centaurea scabiosa* - 3 ♀; D, Taubertal, leg. W. Völkl (VI)
Urophora cuspidata Mg. on *Centaurea scabiosa* - 3 ♂, 3 ♀; D, Bernla, Oberpfälzer Jura, leg. W. Völkl (VI)
- 134 *Aprostocetus tanaceticola* Graham
Rhopalomyia tanaceticola Korsch - 2 ♂, 4 ♀; D, Drachensee Schleswig-Holstein, leg. K. Haus (VI); 3 ♂, 2 ♀; D, Viehburger Gehölz, Schleswig-Holstein,
- 135 *Astichus arithmeticus* Förster
Cis castaneus Mell. or *Cis bidentatus* Oliv. in *Bjerkandera adusta* on *Carpinus betulus* - 8 ♀; D, Stuttgart, Wildpark, leg. Eichhorn (VI)
- 136 *Baryscapus amethystinus* Ratzeburg
Leucoptera spartifoliella Hbn. - 14 ♀ D, Gumtow, Kr. Kyritz, leg. W. Mey (VI)
- 137 *Baryscapus दौरα* Walker
Larinus sturnus Schall. on *Centaurea scabiosa* - 20 ♀; D, Oberpfälzer Jura; 21 ♀; D, Nordeifel, leg. Völkl (VI)
Eurytoma sp. via *Urophora cuspidata* Mg. on *Centaurea scabiosa* - 5 ♂, 5 ♀; D, Haselbrunn, Nordfrankenjura, leg. W. Völkl (VI)
Orellia colon Mg. on *Centaurea scabiosa* - 2 ♂, 2 ♀; D, Taubertal; 10 ♂, 10 ♀; D, Krögelstein, Nordfrankenjura, all leg. W. Völkl (VI)
Chaetorellia loricata Rond. on *Centaurea scabiosa* - 12 ♂, 15 ♀; D, Krögelstein, Nordfrankenjura; 10 ♂, 10 ♀; D, Diefurt, Südfrankenjura, all. leg. W. Völkl (VI)
Urophora cuspidata Mg. on *Centaurea scabiosa* - 5 ♂, 3 ♀; D, Roddersberg, Bonn, leg. W. Völkl (VI)
- 138 *Baryscapus galactopus* Ratzeburg
Apanteles rubecola Marsh. - 2 ♂, 9 ♀; D, Köln, Wesseling, leg. Peters (VI)
Cotesia glomerata L.- 3 ♂, 11 ♀; D, Köln, Wesseling, leg. Peters (VI)
- 139 *Baryscapus servadeii* Domenichini
Thaumetopoea bonjeani - 6 ♀; AL, Algier, Shrea park, leg. Tshankov (VI)
- 140 *Baryscapus sempronius* Erdős
Chrysopa sp.- pupa on *Carduus nutans* - 2 ♂, 3 ♀; F, Herlichheim, Elsaß leg. G. Freese (VI)

- 141 ***Chrysocharis assis*** Walker
Stigmella luteella Stt. - 1 ♀; D, Kähnsdorf, Kr. Potsdam, leg. W. Mey (VI)
Trifurcula argentipedella Zell. - 3 ♂, 10 ♀; D, Perleberg, Mark Brandenburg, leg. W. Mey (VI)
- 142 ***Chrysocharis budensis***
Tischeria angusticolella Dup. - 6 ♂, 4 ♀; D, Seuslitz, Kr. Meißen, leg. W. Mey (VI)
- 143 ***Chrysocharis chlora*** Graham
Elachista poae Stt. on *Glyceria maxima* - 3 ♂, 6 ♀; D, Lütjenburg Schleswig-Holstein, leg. Pusch (VI)
- 144 ***Chrysocharis laomedon*** Walker
Phyllonorycter tristrigella Haw. on *Ulmus* sp. - 2 ♀; D, Kiel, leg. Stünig (VI)
- 145 ***Chrysocharis nautius*** Walker
Tischeria ekebladella Bjerk. - 7 ♂, 13 ♀; F, Bauxit, leg. T. Jordan (VI)
- 146 ***Chrysocharis nephereus*** Walker
Eriocrania haworthi Bradley - 1 ♂; D, Koselfeld, Schleswig-Holstein; 2 ♀; D, Dosenmoor, Schleswig-Holstein; 3 ♀; D, Homberg, Hessen, all leg. T. Jordan (VI)
Eriocrania sangii Wood - 1 ♂, 1 ♀; D, Dosenmoor, Schleswig-Holstein; leg. T. Jordan (VI)
Eriocrania semipurpurella Steph. - 1 ♀; D, Dosenmoor, Schleswig-Holstein, leg. T. Jordan (VI)
Eriocrania subpurpurella Haw. on *Quercus* sp. - 1 ♂, 7 ♀; D, Grotmoor, Schleswig-Holstein, leg. T. Jordan (VI)
Eriocrania unimaculella Zett. - 1 ♀; D, Dosenmoor Schleswig-Holstein, leg. T. Jordan (VI)
Phytomyza fusculella Zett. on *Alopecurus myosuroides* - 1 ♂; D, Kraichgau, leg. Greiler (VI)
Phytomyza nigra Mg. on *Lolium perenne* - 1 ♀; D, Hamburg-Heimfeld, leg. Vidal (VI)
Rhynchaenus fagi L. - 1 ♀; BUL, Strandija Mountains, leg. Tshankov (VI)
Stigmella assimilella Zell. on *Populus tremula* - 1 ♀; D, Bergholz, Kr. Potsdam, leg. W. Mey (VI)
Stigmella centifoliella Zell. - 1 ♀; D, Damsdorf, Mark Brandenburg, leg. W. Mey (VI)
- 147 ***Chrysocharis nitetis*** Walker
Eriocrania chrysolepidella Zell. - 1 ♂, 1 ♀; CH, Muthenz, leg. T. Jordan (VI)
Eriocrania haworthi Bradley - 1 ♀; D, Homberg, Hessen; 2 ♀; F, Vellescot, all leg. T. Jordan (VI)
Eriocrania sangii Wood - 7 ♀; F, Vellescot, leg. T. Jordan (VI)
Eriocrania subpurpurella Haw. - 1 ♀; D, Homberg, Hessen, leg. T. Jordan (VI)
Eriocrania unimaculella Zett. - 2 ♀; F, Vellescot, leg. T. Jordan (VI)
Leucoptera malifoliella Costa - 1 ♀; D, Schenckenburg, leg. W. Mey (VI)
- 148 ***Chrysocharis pentheus*** Walker
Eriocrania subpurpurella Haw. on *Quercus sü.* - 2 ♀; D, Grotmoor, Schleswig-Holstein, leg. T. Jordan (VI)

- Liriomyza impatientis* Bri. on *Impatiens parviflora* - 2♂; D, Bonn, Petersberg, leg. G.Schmitz (VI)
- Liriomyza impatientis* Bri. on *Impatiens nolitangere* - 1♀; D, Siegburg, leg. G. Schmitz (VI)
- Rhynchaenus populi* Fbr. - 1♀; BUL, Strandija Mountains, leg. Tsankov (VI)
- Stigmella centifoliella* Zell. - 1♀; D, Damsdorf, Mark Brandenburg, leg. W. Mey (VI)
- Stigmella freyella* Heyden - 3♀; D, Perleberg, Mark Brandenburg, leg. W. Mey (VI)
- Stigmella minusculella* H.-S. - 3♀; D, Schenkenberg, Mark Brandenburg, leg. W. Mey (VI)
- Stigmella tiliae* Frey - 1♂; D, Bergholz, Kr. Potsdam, leg. W. Mey (VI)
- Stigmella tityrella* Stt. - 1♀; D, Potsdam, Kr. Potsdam, leg. W. Mey (VI)
- 149 *Chrysocharis pilosa* Delucchi
Parallelomma vittatum Mg. on *Polygonatum multiflorum* - 14♂; D, Kiel-Tannenber, leg. Wohlgemuth (VI)
- 150 *Chrysocharis polyzo* Walker
Phytomyza fuscula Zett. on *Alopecurus myosuroides* - 2♂; A, Niederbrüchle; 1♂, 1♀; D, Kraichgau, all leg. Greiler (VI)
- 151 *Chrysocharis prodice* Walker
Stigmella assimilella Zell. - 4♀; D, Neubochow, Mark Brandenburg; 2♂, 2♀; D, Damsdorf, Mark Brandenburg, all leg. W. Mey (VI)
- Stigmella centifoliella* Zell. - 1♂; D, Damsdorf, Mark Brandenburg, leg. W. Mey (VI)
- Stigmella tityrella* Stt. - 1♀; D, Perleberg, Mark Brandenburg, leg. W. Mey (VI)
- Stigmella trimaculella* Haw. - 1♂, 2♀; D, Groß Krentz, Kr. Potsdam; 3♀; D, Drewitz, Kr. Potsdam, all leg. W. Mey (VI)
- 152 *Chrysochavis pubicornis* Zetterstedt
Cystiphora sonchi Bremi on *Sonchus palustre* - 1♀; D, Aschau, Schleswig-Holstein, leg. Meyhöfer (VI)
- Cystiphora taraxaci* Kieff. on *Taraxacum officinale* - 1♀; D, Kiel, Projensdorf, leg. Meyhöfer (VI)
- Phytomyza atricornis* Mg. on *Senecio jacobea* - 2♀; D, Hamburg, Haseldorfer Marsch, leg. C. Denys (VI)
- Phytomyza fuscula* Zett. on *Alopecurus myosuroides* - 1♂, 1♀; D, Kraichgau, leg. Greiler (VI)
- Tephritis crepidis* Hendel on *Crepis biennis* - 1♀; D, Bayreuth, leg. Stickroth (VI)
- 153 *Cirrospilus diallus* Walker
Phyllonorycter lautella Zell. on *Quercus* sp. - 1♀; D, Neu-Bochow, Kr. Potsdam, leg. W. Mey (VI)
- Phyllonorycter pomonella* Zell. - 1♀; D, Schenckenberg, Mark Brandenburg, leg. W. Mey (VI)
- Stigmella tityrella* Stt. - 1♀; D, Potsdam, leg. W. Mey (VI)
- Eriocrania sangii* Wood - 1♀; F, Vellescot, leg. T. Jordan (VI)
- Tischeria dodonea* Stt. - 1♀; D, Kropp, Schleswig-Holstein, leg. T. Jordan (VI)
- Tischeria ekebladella* Bjerk. - 2♀; D, Kropp, Schleswig-Holstein, leg. T. Jordan (VI)

154 *Cirrospilus elegantissimus* Westwood

Phyllonorycter cerasicolella H.-S. - 1♂; D, Damsdorf, Mark Brandenburg, leg. W. Mey (VI)

Phyllonorycter stettinensis Nic. - 1♂, 1♀; D, Deetz, leg. W. Mey (VI)

155 *Cirrospilus lynceus* Walker

Eriocrania semipurpurella Steph. - 1♀; A, Dietmanns, leg. T. Jordan (VI)

Phyllonorycter cerasicolella H.-S. on *Cerasus* sp. - 1♀; D, Schenckendorf, Mark Brandenburg; 1♀; D, Groß Krentz, Kr. Potsdam, all leg. W. Mey (VI)

Tischeria ekebladella Bjerk. - 1♀; D, Grotmoor Schleswig-Holstein, leg. T. Jordan (VI)

156 *Cirrospilus pictus* Walker

Eriocrania semipurpurella Steph. - 1♀; A, Dietmanns, leg. T. Jordan (VI)

Phyllonorycter blancardella Fbr. - 1♀; D, Deetz, Kr. Potsdam, leg. W. Mey (VI)

Phyllonorycter cerasicolella H.-S. on *Cerasus* sp. - 1♀; D, Schenckenberg, Mark Brandenburg; 2♀; D, Groß Krentz, Kr. Potsdam, leg. W. Mey (VI)

Phyllonorycter cydoniella Denis & Schiff. - 2♀; D, Neu-Bochow, Kr. Potsdam, leg. W. Mey (VI)

Phyllonorycter pomonella Zell. - 1♂; D, Schenckenberg, Mark Brandenburg, leg. W. Mey (VI)

Phyllonorycter stettinensis Nic. - 1♂, 4♀; D, Deetz, leg. W. Mey (VI)

157 *Cirrospilus subviolaceus* Thomson

Tischeria ekebladella Bjerk. - 1♂, 2♀; F, Bauxit, leg. T. Jordan (VI)

158 *Cirrospilus vittatus* Walker

Eriocrania unimaculella Zett. - 1♀; D, Hammoor, Schleswig-Holstein; 1♀; A, Dietmanns, all leg. T. Jordan (VI)

Phyllonorycter cerasicolella H.-S. on *Cerasus* - 2♀; D, Schenckendorf, Mark Brandenburg, leg. W. Mey (VI)

Phyllonorycter cydoniella Denis & Schiff. - 1♀; D, Schenckendorf, Mark Brandenburg, leg. W. Mey (VI)

Phytomyza fusculella Zett. on *Alopecurus myosuroides* - 1♂; A, Linden; 2♀; A, Rolte, all leg. Greiler (VI)

Stigmella basiguttella Heinem.- 1♀; D, Groß Krentz, Kr. Potsdam, leg. W. Mey (VI)

Stigmella minusculella H.-S. - 1♂, 2♀; D, Schenckendorf, Mark Brandenburg, leg. W. Mey (VI)

159 *Closterocerus trifasciatus* Westwood

Pholetesor phaetusa Nixon via *Elachista poae* Stt. on *Glyceria maxima* - 4♀; D, Lütjenburg, Schleswig-Holstein, leg. Pusch (VI)

160 *Colpochypeus florus* Walker

Adoxophyes cf. orana F.v.R. - 2♂, 8♀; D, Köln-Arweiler, leg. Peters (VI)

161 *Dermatopelte budensis* Erdös & Nov.

Zygaena corsica Boisd. on *Santolina* sp. - 5♂, 15♀; I, Nugedu, Sardinien, 650 NN, leg. Prinz (VI)

- 162 *Derostenus punctiscuta* Thomson
Stigmella ruficapitella Haw. - 1♂; D, Potsdam, leg. W. Mey (VI)
Stigmella tityrella Stt. - 1♂, 1♀; D, Perleberg, Mark Brandenburg, leg. W. Mey (VI)
- 163 *Diglyphus isaea* Walker
Liriomyza impatientis Bri. on *Impatiens parviflora* - 1♂; D, Bonn, Ölberg, leg. G. Schmitz (VI)
Phytomyza fuscula Zett. on *Alopecurus myosuroides* - 2♂, 2♀; D, Kraichgau, leg. Greiler (VI)
- 164 *Diglyphus minoeus*
Phytomyza fuscula Zett. on *Alopecurus myosuroides* - 3♂, 3♀; D, Kraichgau, leg. Greiler (VI)
- 165 *Diglyphus poppoea* Walker
Phytomyza fuscula Zett. on *Alopecurus myosuroides* - 3♂, 2♀; D, Kraichgau, leg. Greiler (VI)
- 166 *Dimmockia brevicornis* Erdős
Caloptilia stigmatella Fbr. on *Salix triandra* - 1♀; D, Glückstadt, leg. Vidal (VI)
- 167 *Elachertus gallicus* Erdős
Epiblema scutullana Denis & Schiff. on *Cirsium palustre* - 9♀; D, Püttlach, Bayern, leg. G. Freese (VI)
- 168 *Elachertus geniculatus* Ratzeburg
Metzneria sp. on *Centaurea scabiosa* - 16♀; D, Taubertal, leg. W. Völkl (VI)
- 169 *Elachertus inunctus* Nees
Gracillaria syringella Fbr. - 5♀, 5♀; D, Kiel, leg. Schwandke (VI)
- 170 *Elachertus nigrutilus* Zetterstedt
Ancistrocerus sp. - 21♀; D, Kraichgau, Münzesheim, leg. Gathmann (VI)
- 171 *Elachertus sp. near gallicus* Erdős
Tephritis crepidis Hendel on *Crepis biennis* - 2♂, 4♀; D, Bayreuth, leg. Stickroth (VI)
- 172 *Entedon cionobius* Thomson
Cionus tuberculosus Scop. on *Scrophularia nodosa* - 3♂, 5♀; D, Hamburg, Sachsenwald, leg. Vidal (VI)
Stereonychus fraxini DeG. - 1♂, 8♀; BUL, Sofia, leg. G. Markova (VI)
- 173 *Entedon insignis* Erdős
Larinus sturnus Schall. on *Centaurea scabiosa* - 1♀; D, Blankenberg, Nordeifel; 2♂, 2♀; D, Urfttal; 1♀; D, Haselbrunn; 1♂; D, Höfen, all leg. W. Völkl (VI)

- 174 ***Entedon lixi*** Erdős
Lixus elongatus Boh. on *Carduus acanthoides* - 2♂, 1♀; A, Sollenau, leg. G. Freese (VI)
Lixus elongatus on Boh. *Carduus nutans* - 2♂, 2♀; F, Herlischheim, Elsaß, leg. G. Freese (VI)
- 175 ***Entedon punctiscapus*** Thomson
Rhamphus oxyacanthae Mrsh. on *Crataegus* sp. - 5♂, 15♀; D, Kayhude, Schleswig-Holstein, leg. Vidal (VI)
- 176 ***Entedon zanara*** Walker
Mordellistena sp. on *Artemisia vulgaris* - 3♂, 4♀; D, Freiburg, Breisach, leg. C. Denys (VI)
- 177 ***Euderus albitarsis*** Zetterstedt
Trifurcula sericopeza Zell. on *Acer platanoides* - 1♀; D, Groß Krentz, Kr. Potsdam, leg. W. Mey (VI)
- 178 ***Eulophus larvarum*** L.
Epirrita autumnata Borkh. - 7♂, 23 ♀; N, Ytre Garadak, 70.15N 25.01E; 2♂, 8♀; N, Boftsa, 70.23N 28.10E; 4♂, 10♀; N, Börselvfjellet 70.20N 25.59E; 2♂, 4♀; S, Vittangi 67.43N 21.34E; 7♂, 2♀; SF, Naantali, 60.28N 22.02E, all leg. Ruohomäki (VI)
- 179 ***Eulophus pennicornis*** Nees
Mamestra brassicae L. on sweet pepper in greenhouse cultur - 15♂, 1♀; B, Gent, leg. van de Veire (VI)
Mamestra brassicae L. on *Brassica oleracea capitata alba* - 2♀; D, Hannover, Ahlem, leg. Forster (VI)
- 180 ***Hemiptarsenus dropion*** Walker
Phyllonorycter medicaginella Grsm. - 1♀; D, Groß Krentz, leg. W. Mey (VI)
- 181 ***Hemiptarsenus unguicellus*** Zetterstedt
Elachista poae Stt. on *Glyceria maxima* - 3♂, 5♀; D, Lütjenburg, Schleswig-Holstein, leg. Pusch (VI)
Phytomyza fuscula Zett. on *Alopecurus myosuroides* - 3♂, 5♀; D, Kraichgau, leg. Greiler (VI)
- 182 ***Kratoysma usticrus*** Erdős
Phyllocnistis unipunctella Steph. - 3♂, 1♀; D, Gr. Krentz, Kr. Potsdam; 6♂, 13♀; D, Drewitz, Kr. Potsdam, leg. W. Mey (VI)
- 183 ***Melittobia acasta*** Walker
Apis mellifera L. - CH, Bern, leg. Huber (VI)
Nest of Sphecids containing Aphids - D, Wiesbaden, leg. Geisthardt (VI)
- 184 ***Minotetrastichus frontalis*** Nees
Eriocrania haworthi Bradley - 1♂; CH, Sierre, leg. T. Jordan (VI)
Eriocrania unimaculella Zett. - 1♂; CH, Sierre, leg. T. Jordan (VI)

185 *Minotetrastichus ecus* Walker

- Eriocrania haworthi* Bradley - 1 ♀; D, Homberg, Hessen, leg. T. Jordan (VI)
Eriocrania semipurpurella Steph. - 2 ♀; A, Heidenreichstein, leg. T. Jordan (VI)
Phyllonorycter cerasicolella H.-S. on *Cerasus* sp. - 3 ♂; D, Groß Krentz, Kr. Potsdam, leg. W. Mey (VI)
Phyllonorycter harrisella L. - 3 ♀; D, Groß Krentz, Kr. Potsdam, leg. W. Mey (VI)
Phyllonorycter heegeriella Zell. - 1 ♂, 2 ♀; D, Groß Krentz, Kr. Potsdam, leg. W. Mey (VI)
Phyllonorycter lautella Zell. on *Quercus* sp. - 1 ♂; D, Groß Krentz, Kr. Potsdam, leg. W. Mey (VI)
Rhynchaenus fagi L. - 1 ♂; BUL, Strandija Mountains, leg. Tshankov (VI)
Rhynchaenus populi Fbr. - 1 ♀; BUL, Strandija Mountains, leg. Tshankov (VI)

186 *Necremnus leucarthros* Nees

- Oulema lichenis* Voet - ♂; CH, Bern, Langenthal, leg. P. Schärer ((HA)

187 *Necremnus metalarus*

- Argyresthia trifasciata* Staud. on *Juniperus* sp. - 2 ♀; D, Fürfeld, Baden-Württemberg, leg. Schrameyer (VI)
Coleotechnites piceaella Kear. - 3 ♂, 20 ♀; D, Holzhausen, Leipzig, leg. Schnee (VI)

188 *Neochrysocharis chlorogaster* Erdös

- Leucoptera malifoliella* Costa - 1 ♀; D, Schenkenberg, Mark Brandenburg; 1 ♀; D, Gr. Krentz, leg. W. Mey (VI)
Stigmella centifoliella Zell. - 1 ♂, 2 ♀; D, Damsdorf, leg. W. Mey (VI)
Stigmella floslactella Haw. - 2 ♀; D, Perleberg, Mark Brandenburg, leg. W. Mey (VI)
Stigmella microtheriella Stt. - 1 ♂, 1 ♀; D, Perleberg, Mark Brandenburg, leg. W. Mey (VI)
Stigmella minusculella H.-S. - 1 ♀; Schenkenberg, Mark Brandenburg, leg. W. Mey
Stigmella tiliae Frey - 2 ♀; D, Bergholz, Kr. Potsdam, leg. W. Mey (VI)

189 *Neochrysocharis longiventris* Askew

- Rhynchaenus populi* Fbr. - 4 ♀; BUL, Strandija Mountains, leg. Tshankov (VI)

190 *Omphale aetius* Walker

- Dasineura urticae* Perr. on *Urtica dioica* - 3 ♀; D, Pinneberg, leg. T. Lübke (VI)

191 *Omphale brevis* Graham

- Cystiphora sonchi* Bremi on *Sonchus palustris* - 1 ♀; D, Aschau, Eckernförder Bucht, leg. Meyhöfer (VI)
Cystiphora taraxaci Kieff. on *Taraxacum officinale* - 30 ♂, 44 ♀; D, Kiel, Projensdorf, leg. Meyhöfer (VI)

192 *Pediobius acantha* Walker

- Pholetesor phaetusa* Nixon via *Elachista poae* Stt. on *Glyceria maxima* - 1 ♀; D, Lütjenburg, Schleswig-Holstein, leg. Pusch (VI)
Phytomyza fuscula Zett. on *Alopecurus myosuroides* - 4 ♂, 3 ♀; D, Kraichgau, leg. Greiler (VI)

- 193 *Pediobius alcaeus* Walker
Phyllonorycter heegeriella Zell. on *Quercus* sp. - 2 ♀; D, Oldenburg, leg. Stüning (VI)
Phyllonorycter sorbi Frey on *Prunus padus* - 1 ♀; D, Oldenburg, leg. Stüning (VI)
Phyllonorycter tristrigella Haw. on *Ulmus* sp. - 6 ♀; D, Kiel, leg. Stüning (VI)
- 194 *Pediobius brachycerus* Thomson
Tromatobia sp. via *Argiope* sp. - 1 ♂, 2 ♀; D, Steckby /Elbe (VI)
- 195 *Pediobius bruchicida* Rondani
Thaumethopeoa pityocampa Denis & Schiff. - 1 ♀; GR, Theben, leg. Bellin; 2 ♀; BUL, Marikostino, leg. Tshankov (VI)
- 196 *Pediobius pyrgo* Walker
Euproctis chrysoorrhoea L. - 2 ♀; D, Krozingen, leg. Maier (VI)
Braconidae via *Coleotechnites piceaella* Kear. - 1 ♂; D, Holzhausen, Leipzig, leg. Schnee (VI)
- 197 *Pediobius saulius* Walker
Bucculatrix ulmella Zell.- 1 ♀; D, Potsdam, Ravensberg, leg. W. Mey (VI)
Pnigalio sp. via *Tischeria ekebladella* Bjerk. - 3 ♂; D, Kropp, Schleswig-Holstein, leg. T. Jordan (VI)
Phyllonorycter harrisella L. - 1 ♀; D, Groß Krentz, Kr. Potsdam, leg. W. Mey (VI)
Phyllonorycter stettinensis Nic. - 1 ♂, 2 ♀; D, Deetz, leg. W. Mey (VI)
Phyllonorycter sagitella Bjerk.- 2 ♀; D, Bergholz, Kr. Potsdam, leg. W. Mey (VI)
Rhynchaenus fagi L. - 2 ♂, 1 ♀; BUL, Strandija Mountains, leg. Tshankov (VI)
Rhynchaenus populi Fbr. - 1 ♂; BUL, Strandija Mountains, leg. T. Tshankov (VI)
- 198 *Pnigalio agraulis* Walker
Eriocrania haworthi Brad. - 1 ♂; D, Koselfeld; 1 ♀ Hammoor;, Schleswig-Holstein, all leg. T. Jordan
Phyllonorycter pomonella Zell. - 2 ♀; D, Schenckenberg, Mark Brandenburg, leg. W. Mey (VI)
Rhynchaenus populi Fbr. - 1 ♀; BUL, Strandija Mountains, leg. Tshankov (VI)
Tischeria dodonea Stt. - 1 ♂; GUS, Kiev, leg. W. Mey (VI)
Tischeria ekebladella Bjerk. - 23 ♂, 6 ♀; D, Kropp, Schleswig-Holstein; 1 ♀; D, Negernbötel, Schleswig-Holstein; all leg. T. Jordan (VI)
- 199 *Pnigalio longulus* Zetterstedt
Eriocrania haworthi Bradley on *Betula* sp. - 9 ♂, 2 ♀; D, Grotmoor; 21 ♂, 10 ♀; D, Dosenmoor; 16 ♂, 8 ♀; D, Hammor, Schleswig-Holstein; 2 ♀ D, Homberg, Hessen; 2 ♂, 1 ♀ CH, Sierre, all leg. T. Jordan (VI)
Eriocrania sangii Wood on *Betula* sp. - 3 ♂, 2 ♀; D, Dosenmoor; 2 ♀ D, Hammoor, Schleswig-Holstein, all leg. T. Jordan
Eriocrania sparrmannella Bosc. on *Betula* sp. - 1 ♂; CH, Sierre, leg. T. Jordan (VI)
Eriocrania unimaculella Zett. on *Betula* sp. - 9 ♂, 8 ♀; D, Dosenmoor, Schleswig-Holstein; 1 ♂, 2 ♀; CH, Sierre, all leg. T. Jordan (VI)
Gracillaria syringella Fbr. - 1 ♂, 1 ♀; D, Kiel, leg. Schwandke (VI)
Phyllonorycter cerasicolella H.-S. - 1 ♂; D, Groß Krentz, Kr. Potsdam, leg. W. Mey (VI)

Phyllonorycter cydoniella Denis & Schiff. - 1♂; D, Schenckenberg, Mark Brandenburg, leg. W. Mey (VI)

200 *Pnigalio pectinicornis* L.

Callisto denticulella Thb. - 1♀; D, Damsdorf, Mark Brandenburg; 1♀; D, Genshavener Heide, all leg. W. Mey (VI)

Eriocrania haworthi Brad. on *Betula* sp. - 1♀; D, Koselfeld; 1♀ D, Hammoor, Schleswig-Holstein, all leg. T. Jordan (VI)

Eriocrania unimaculella Zett. on *Betula* sp. - 1♀; D, Dosenmoor, Schleswig-Holstein, leg. T. Jordan (VI)

Lyonetia clerkella L. - 1♂; D, Gorzin, Kr. Stramsberg, leg. W. Mey (VI)

Phyllonorycter cerasicolella Denis & Schiff. on *Cerasus* sp. - 1♀; D, Groß Krentz, Kr. Potsdam; 1♀; D, Damsdorf, all leg. W. Mey (VI)

Phyllonorycter cydoniella Denis & Schiff. - 1♂; D, Neu-Bochow, Kr. Potsdam; 1♀; D, Schenckenberg, Mark Brandenburg, all leg. W. Mey (VI)

Phyllonorycter pomonella Zell. - 1♀; D, Schenckenberg, Mark Brandenburg, leg. W. Mey (VI)

Phyllonorycter stettinensis Nic. - 1♀; D, Deetz, leg. W. Mey (VI)

Phytomyza fuscata Zett. on *Alopecurus myosuroides* - 1♂, 1♀; D, Kraichgau, leg. Greiler (VI)

Phytomyza verbasci Bouché on *Verbascum nigrum* - 3♀; D, Maschen, Seevetal, leg. Vidal (VI)

Stigmella plagiolella Stt. - 1♂; D, Damsdorf, Mark Brandenburg, leg. W. Mey (VI)

Tischeria dodonea Stt. - 1♀; D, Kropp, Schleswig-Holstein; leg. T. Jordan (VI)

Tischeria ekebladella Bjerk. - 2♀; D, Kropp, Schleswig-Holstein; leg. T. Jordan (VI)

201 *Pnigalio soemius* Walker

Cystiphora sonchi Bremi on *Sonchus palustre* - 2♂; D, Aschau, Eckernförder Bucht, Schleswig-Holstein, leg. Meyhöfer (VI)

Cystiphora taraxaci Kieff. on *Taraxacum officinale* - 1♂, 2♀; D, Kiel, Projensdorf, leg. Meyhöfer (VI)

Eriocrania haworthi Bradley - 1♀; D, Koselfeld, Schleswig-Holstein; 1♀; F, Vellecot, all leg. T. Jordan (VI)

Eriocrania unimaculella Zett. on *Betula* sp. - 1♀; D, Schwarzwald, near Titisee, leg. T. Jordan (VI)

Liriomyza impatientis Bri. on *Impatiens parviflora* - 1♀; D, Bonn, Ölberg, leg. G.Schmitz (VI)

Phyllonorycter cerasicolella H.-S. on *Cerasus* sp. - 1♀; D, Groß Krentz, Kr. Potsdam, leg. W. Mey (VI)

Phyllonorycter pomonella Zell. - 2♂; D, Schenckenberg, Mark Brandenburg, leg. W. Mey (VI)

202 *Pronotalia carlinarum* Selenyi & Erdős

Chaetorellia loricata Rond. on *Centaurea scabiosa* - 3♂, 6♀; D, Moseltal, leg. W. Völkl (VI)

Orellia colon Mg. on *Centaurea scabiosa* - 5♂, 12♀; D, Taubertal, leg. W. Völkl (VI)

203 *Sympiesis acalle* Walker

Callisto denticulella Thb.- 1 ♀; D, Gertshagener Heide, leg. W. Mey (VI)

204 *Sympiesis gordius* Walker

Phyllonorycter cerasicolella H.-S. - 3 ♂, 2 ♀; D, Groß Krentz, Kr. Potsdam, leg. W. Mey (VI)

Phyllonorycter connexella Zell. - 1 ♀; D, Groß Krentz, Kr. Potsdam, leg. W. Mey (VI)

Phyllonorycter pomonella Zell. - 1 ♂, 3 ♀; D, Schenckenberg, Mark Brandenburg, leg. W. Mey (VI)

Phyllonorycter stettinensis Nic. - 1 ♂, 1 ♀; D, Deetz, leg. W. Mey (VI)

205 *Sympiesis sericeicornis* Nees

Caloptilia elongella L. on *Alnus glutinosa* - 1 ♂, 1 ♀; PL, Gulbieniszki, E Suwalki, leg. Vidal (VI)

Phyllonorycter cerasicolella H.-S. on *Cerasus* sp. - 2 ♂; D, Groß Krentz, Kr. Potsdam; 1 ♀; Damsdorf, Mark Brandenburg, all leg. W. Mey (VI)

Phyllonorycter corylifoliella Hbn. - 2 ♂, 1 ♀; D, NSG Karinden, leg. W. Mey (VI)

Phyllonorycter cydoniella Denis & Schiff. - 4 ♀; D, Neu-Bochow, Kr. Potsdam, leg. W. Mey (VI)

Phyllonorycter maestingella Müll. - 2 ♂, 5 ♀; D, Kiel, Projensdorf, leg. Stünig (VI)

Phyllonorycter pomonella Zell. - 1 ♂, 1 ♀; D, Schenckenberg Mark, Brandenburg, leg. W. Mey (VI)

Eupelmidae:

206 *Anastatus bifasciatus* Fourcroy

Thaumatopoea pityocampa Denis & Schiff. - 15 ♂, 1 ♀; BUL, Macinostinovo, leg. Tshankov (VI)

207 *Calosota grylli* Erdős

Scambus nigricans Thoms. via *Lixus elongatus* Boh. on *Carduus nutans* - 3 ♀; D, Bayreuth; 2 ♂, 2 ♀; A, Sollenau, leg. G. Freese (VI)

208 *Eupelmus urozonus* Dalman

Diplolepis rosae L. - 3 ♂; D, Bamberg, leg. Holsten (VI)

Ewura amerinae L. on *Salix pentandra* - 1 ♀; PL, Zabłudow, leg. Vidal (VI)

Isocolus rogenhoferi Wachtl on *Centaurea scabiosa* - 1 ♀; D, Nahetal, leg. W. Völkl (VI)

Pissodes castaneus DeG. on *Pinus sylvestris* cones - 13 ♀; F, Liffré, Bretagne, leg. M. Kenis (VI)

Stereonychus fraxini DeG. on *Fraxinus excelsior* - 1 ♀; BUL, Black sea coast, leg. Tshankov (VI)

209 *Macroneura vesicularis* Retzius

- Coleotechnites piceaella* Kear. - 1 ♂, 1 ♀; D, Holzhausen, Leipzig, leg. Schnee (VI)
Isocolus rogenhoferi Wachtl on *Centaurea scabiosa* - 1 ♀; D, Nahetal, leg. W. Völkl (VI)
Isophrictis striatella Denis & Schiff. on *Tanacetum vulgare* - 1 ♀; D, Kiel, Campus, leg. K. Haus (VI)
Phytomyza fuscula Zett. on *Alopecurus myosuroides* - 1 ♀; D, Kraichgau, leg. Greiler (VI)
Thaumetopoea pityocampa Denis & Schiff. - 1 ♀; F, Corsica, leg. Bellin; 1 ♂; BUL, Sofia, leg. Tshankov (VI)

Eurytomidae:

210 *Bruchophagus gibbus* Boheman

- Trifolium* sp. flower heads - 3 ♂, 5 ♀; D, Kraichgau, Münzesheim, leg. J. Wessering (VI)

211 *Eurytoma afra* Boheman

- Helicomys saliciperda* Duf. on *Salix* sp. - 1 ♀; D, Hamburg, Altenwerder leg. W. Hemmerling (VI)
Rhabdophaga triandraeperda Barnes on *Salix* sp. - 1 ♀; D, Hamburg, Mühlenberger Loch, leg. W. Hemmerling (VI)

212 *Eurytoma annilai* Hedqvist

- Pissodes validirostris* Sahlb. in *Pinus sylvestris* cones - 1 ♂, 1 ♀; CH, Leuk, Alps, 1 ♂, 2 ♀; F, St. Crepin, Alps, leg. Kenis (VI)

213 *Eurytoma centaureae* Claridge

- Melanagromyza aeneiventris* Fall. on *Cirsium vulgare* - 1 ♀; D, Rosenau, Oberheintal, leg. G. Freese (VI)
Melanagromyza aeneiventris Fall. on *Cirsium acanthoides* 1 ♀; A, Kallmünz, 3 ♂, 6 ♀; D, Bayreuth, all leg G. Freese (VI)
Melanagromyza cf. eriolepidis Spenc. - 1 ♀; D, Bindlach, leg G. Freese (VI)
Lixus elongatus Boh. on *Cirsium acanthoides* - 1 ♀; A, Sollenau, 1 ♂, 1 ♀; D, Bayreuth, all leg. G. Freese (VI)

214 *Eurytoma goidanichi* Boucek

- Apanteles* sp. via *Cerura vinula* L. - 4 ♂, 1 ♀; D, Zöbigker, Leipzig, leg. Schnee (VI)

215 *Eurytoma nodularis* Boheman

- Trypoxylon attenuatum* Smith in stems of *Rubus* sp. - 2 ♂, 9 ♀; D, Werdohl, leg. Kuhlmann (VI)

216 *Eurytoma robusta* Mayr

- Urophora cuspidata* Mg. on *Centaurea scabiosa* - 1 ♂, 1 ♀; D, Froschberg, Nordeifel, 1 ♀; D, Hohenmirsberg, Nordfrankenjura, leg. Völkl (VI)

217 *Eurytoma rosae* Nees

Diplolepis mayri Schlecht. on *Rosa canina* - 1 ♀; D, Hamburg, Maschen, leg. Vidal (VI)

218 *Eurytoma salicis* Wlk.

Euura amerinae L. on *Salix pentandra* - 2 ♂, 18 ♀; PL, Zabłudow, 1 ♀; PL, Spytkowo, Gizycko, all leg. Vidal (VI)

Euura testaceipes Zadd. & Bri. on *Salix fragilis* - 1 ♀; PL, Kruklanki, Gizycko, leg. Vidal (VI)

219 *Eurytoma strigifrons* Thomson

Isocolus rogenhoferi Wachtl on *Centaurea scabiosa* - 5 ♂, 5 ♀; D, Rodderberg, Bonn, leg. W. Völkl (VI)

220 *Eurytoma tibialis* Boheman

Chaetorellia loricata Rond. on *Centaurea scabiosa* - 1 ♀; D, Taubertal leg. W. Völkl (VI)

Isocolus rogenhoferi Wachtl on *Centaurea scabiosa* - 3 ♀; D, Nahetal, leg. W. Völkl (VI)

Orellia colon Mg. on *Centaurea scabiosa* - 1 ♂, 4 ♀; D, Höfen, Nordfrankenjura, leg. W. Völkl (VI)

Urophora cuspidata Mg. on *Centaurea scabiosa* - 2 ♂, 1 ♀; D, Eierberg, Nordeifel, leg. W. Völkl (VI)

221 *Eurytoma wachtli* Mayr

Coeloides sordidator Rtz. via *Pissodes castaneus* DeG. on *Pinus sylvestris* cones - 1 ♀; F, Lorriss, Central-F, leg. M. Kenis (VI)

Pissodes castaneus DeG. in *Pinus sylvestris* cones - 2 ♂, 5 ♀; F, Lorriss, Central-F, leg. M. Kenis (VI)

222 *Sycophila flavicollis* Walker

Aulacidea hieracii Bouché - 7 ♂, 3 ♀; D, Neuhaus, Mecklenburg, leg. W. Hemmerling (VI)

223 *Sycophila submutica* Thomson

Isocolus rogenhoferi Wachtl on *Centaurea scabiosa* - 2 ♂, 3 ♀; D, Nahetal, leg. Völkl (VI)

Perilampidae:

224 *Perilampus intermedius* Boucek

in *Bjerkandera adusta* on *Carpinus betulus* - 1 ♂, 1 ♀; D, Stuttgart, Wildpark, leg. Eichhorn (VI)

225 *Perilampus ruficornis* Fbr.

Apanteles liparidis Bouché via *Lymantria dispar* L. - 2♂; D, Bad Krozingen, Freiburg, leg. Maier (VI)

Phryxe vulgaris Fall. via *Lymantria dispar* L. - 1♀; D, Bad Krozingen, Freiburg, leg. Maier (VI)

Pteromalidae:

226 *Asaphes vulgaris* Walker

Macrosiphum rosae L. via *Aphidius rosae* Hal. - 1♀; I, Neapel, leg. Kitt (VI)

Myzus cerasi Fbr. via *Aphidiidae* on *Prunus cerasus* - ♂, ♀; D, Gießen, leg. Gruppe (VI)

227 *Caenacis inflexa* Ratzeburg

Diplolepis rosae L. - 3♂, 4♀; D, Bamberg, leg. Holsten (VI)

228 *Callitula elongata* Thomson

Oscinellinae on *Phragmites australis* - 1♂, 2♀; D, Karlsruhe, leg. Michel (VI)

229 *Cheipachus quadrum* Fbr.

Scolytus rugulosus Müll. - 3♂, 3♀; D, Fliegenberg, Winsen, leg. Ullmann (VI)

230 *Chlorocyttus longicauda* Thomson

Melanagromyza aeneiventris Fall. on *Cirsium eriolepidis* - 3♀; D, Bayreuth, leg. G. Freese (VI)

Melanagromyza eriolepidis Spenc. on *Cirsium* sp. - 1♂, 1♀; D, Bindlach, Bayern, leg. G. Freese (VI)

231 *Chlorocyttus spicatus* Walker

Ceutorrhynchus sp. on *Cirsium arvense* - 1♀; D, Bayreuth, leg. G. Freese (VI)

Melanagromyza aenea Mg. on *Urtica dioica* - 5♀; D, Hamburg, Haseldorfer Marsch, leg. T. Lübbe;

Melanagromyza aeneiventris Fall. on *Cirsium arvense* - 2♂, 3♀; D, Spänfleck, Bayreuth; 1♀; D, Heinersreuth, Bayreuth, all leg. G. Freese (VI)

Phytomyza flavicornis Egg. on *Urtica dioica* - 5♀; D, Hamburg, Haseldorfer Marsch, leg. T. Lübbe (VI)

232 *Coruna clavata* Walker

Praon sp. via *Impatiens asiaticum* Nevsky on *Impatiens parviflora* - 1♀; D, Bonn, Kreuzberg, leg. G. Schmitz (VI)

233 *Cyclogastrella deplanata* Nees

Coleotechnites piceaella Kear. - 2♂, 3♀; D, Holzhausen, Leipzig, leg. Schnee (VI)

- 234 *Cyrtogaster vulgaris* Walker
Phytomyza fuscula Zett. on *Alopecurus myosuroides* - 1♂, 2♀; A, Linsen; 1♀; A, Niederbrüchle; 1♀; A, Rolte, leg. Greiler (VI)
- 235 *Dibrachys boarmiae* Walker
Epinotia tedella Clerck - 1♂, 4♀; D, Holzhausen, Leipzig, leg. Schnee (VI)
Cryptinae via *Coleotechnites piceaella* Kear. - 10♂, 23♀; D, Holzhausen, Leipzig, leg. Schnee (VI)
Gelis sp. via *Coleotechnites piceaella* Kear. - 1♀; D, Holzhausen, Leipzig, leg. Schnee (VI)
- 236 *Dibrachys cavus* Walker
Dolichovespula media Retz. - nest - 35♀; D, Oldenburg, leg. Haeseler (VI)
Eupoecilia ambiguella Hbn. - 6♀; CH, Fläsch, Graubünden, leg. Remund (VI)
Leucoptera malifoliella Costa - 3♀; D, Schenckenburg, leg. W. Mey (VI)
- 237 *Euneura augarus* Walker
Aphididae on *Picea pungens* - 1♂, 1♀; D, Holzhausen, Leipzig, leg. Schnee (VI)
- 238 *Holcaeus calligetis* Walker
Sciara sp. on *Cirsium arvense* - 4♀; D, Kiel, leg. Witt (VI)
- 239 *Karpinskiella pityophthori* Boucek
Pheromon-traps with *Pityogenes chalcographus* L. - 7♂, 13♀; D, Ebersberg, München, leg. Hilpert (VI)
- 240 *Mesopolobus dubius* Walker
Neuroterus quercusbaccarum L. on *Quercus* sp. - 1♀; D, Eckhof, Kiel, leg. K. Schönrogge (VI)
- 241 *Mesopolobus mediterraneus* Mayr
Braconidae via *Coleotechnites piceaella* Kear. - 2♂; D, Holzhausen, Leipzig, leg. Schnee (VI)
Stereonychus fraxini DeG. - 3♂, 7♀; BUL, Sofia, leg. G. Markova (VI)
- 242 *Mesopolobus morys* Walker
Ceutorrhynchus assimilis Payk. - 2♀; CH, Bad Ragaz, leg. Büchi (VI)
- 243 *Mesopolobus xanthocerus* Thomson
Neuroterus quercusbaccarum L. on *Quercus* sp. - 1♀; D, Eckhof, Kiel, leg. K. Schönrogge (VI)
- 244 *Metacolus unifasciatus* Thomson
Pissodes sp. - 1♀; BUL, Sofia, leg. Tshankov (VI)
- 245 *Norbanus* sp.
Isophrictis striatella Denis & Schiff. in *Tanacetum vulgare* - 5♂, 8♀; D, Kiel, Campus, leg. K. Haus (VI)

- 246 *Pachyneuron aphidis* Bouché
Aphidius rosae Hal. via *Macrosiphum rosae* L. - 5♀; I, Rom; 1♂, 9♀; I, Neapel, all leg.
 Kitt (VI)
- 247 *Pachyneuron gibbiscuta* Thomson
Aphidiidae via *Myzus cerasi* Fbr. on *Prunus avium* - ♂, ♀; D, Gießen, Nidderau, leg.
 Gruppe (VI)
- 248 *Pachyneuron grande* Thomson
Episyrphus balteatus DeG. on *Triticum* sp. - 2♂, 2♀; D, Hiddesdorf, LK Hannover, leg.
 B. Tenhumberg (VI)
Episyrphus balteatus DeG. on *Acer platanoides* - 2♀; D, Leipzig, leg. Pellmann (VI)
- 249 *Pachyneuron groenlandicum* Holmgren
Aleiodes borealis Thoms. via *Autographa gamma* L. - 3♂, 8♀; D, Köln-Wesseling, leg.
 Peters (VI)
Episyrphus balteatus DeG. on *Triticum* sp. - 2♂, 2♀; D, Hiddesdorf, LK Hannover, leg.
 B. Tenhumberg (VI)
- 250 *Pteromalus albipennis* Walker
Tephritis crepidis Hendel on *Crepis biennis* - 1♂, 1♀; D, Bayreuth, leg. Stickroth (VI)
- 251 *Pteromalus bedeguaris* Thomson
Diplolepis nervosa Curtis on *Rosa canina* - 2♂; 2♀; D, Kiel, leg. Holsten (VI)
Periclistus sp. in gall of *Diplolepis eleganteriae* Hartig - 1♀; D, Kiel, leg. Holsten
 (VI)
- 252 *Pteromalus chlorospilus* Walker
Isocolus rogenhoferi Wachtl on *Centaurea scabiosa* - 2♂, 2♀; D, Nahetal, leg. W.
 Völkl (VI)
Metzneria sp. on *Centaurea scabiosa* - 2♀; D, Taubertal, leg. W. Völkl (VI)
Orellia colon Mg. on *Centaurea scabiosa* - 2♀; D, Nahetal; 1♀; D, Taubertal, all leg.
 w. Völkl (VI)
- 253 *Pteromalus chrysos* Walker
Coleotechnites piceaella Kear. - 1♂, 5♀; D, Holzhausen, Leipzig, leg. Schnee (VI)
- 254 *Pteromalus elevatus* Walker
Cerajocera ceratocera Hend. on *Centaurea scabiosa* - 2♂, 2♀; D, Oberpfälzer Jura,
 leg. W. Völkl (VI)
Chaetorellia loricata Rond. on *Centaurea scabiosa* - 1♀; D, Ottmaring,
 Südfrankenjura, leg. W. Völkl (VI)
Urophora cuspidata Mg. on *Centaurea scabiosa* - 3♂, 3♀; D, Velden, Nordfrankenjura,
 leg. W. Völkl (VI)
Urophora jaceana Hering on *Centaurea* sp. - 2♂, 3♀; D, Arkona, Rügen, leg. Vidal
 (VI)

255 *Pteromalus ochrocerus* Walker

Orellia colon Mg. on *Centaurea scabiosa* - 1 ♀ D, Höfen, Nordfrankenjura, leg. W. Völkl (VI)

256 *Pteromalus puparum* L.

Autographa gamma L. - 1 ♀; D, Köln-Wesseling, leg. Peters (VI)

Pieris rapae L. - 20 ♂, 20 ♀; D, Köln-Wesseling, leg. Peters (VI)

Pieris rapae L. on *Brassica oleracea capitata alba* - 1 ♂, 3 ♀; D, Braunschweig, leg. Forster (VI)

Polygonia c-album L. - 10 ♀; D, Boppard, leg. M. Kuhlmann (VI)

Vanessa cardui L. - 10 ♀; D, Senne, leg. M. Kuhlmann (VI)

257 *Pteromalus ? scandiae* Graham

Apion malvae Fbr. or *A. rufirostre* Fbr. on *Malva slyvestris* - 1 ♀; D, Hameln, leg. P. Sprick (VI)

258 *Pteromalus semotus* Walker

Coleotechnites piceaella Kear. - 3 ♀; D, Holzhausen, Leipzig, leg. Schnee (VI)

Gracillaria syringella Fbr. - 1 ♂; D, Kiel, leg. Schwandke (VI)

Phyllonorycter stettinensis Nic. - 1 ♀; D, Deetz, leg. W. Mey (VI)

259 *Pteromalus* sp. *H* sensu Graham 1969

Braconidae via *Metzneria* sp. on *Centaurea scabiosa* - 1 ♀; D, Nordeifel, leg. W. Völkl (VI)

Braconidae via *Larinus sturnus* Schall. on *Centaurea scabiosa* - 3 ♀; Blankenheim, Nordeifel, leg. W. Völkl (VI)

Chaetorellia loricata Rond. on *Centaurea scabiosa* - 1 ♂, 1 ♀; D, Ottmaring, Südfrankenjura, leg. W. Völkl (VI)

Isocolus rogenhoferi Wachtl on *Centaurea scabiosa* - 1 ♂; D, Taubertal, leg. W. Völkl (VI)

Larinus sturnus Schall. on *Centaurea scabiosa* - 1 ♀; Bronn, Nordfrankenjura, leg. W. Völkl (VI)

Orellia colon Mg. on *Centaurea scabiosa* - 1 ♀; D, Höfen, Nordfrankenjura; 1 ♀; D, Rechberg, Moseltal; 1 ♀; D, Taubertal, all leg. W. Völkl (VI)

260 *Pteromalus vibulenus* Walker

Larinus sturnus Schall. on *Centaurea scabiosa* - 1 ♀; D, Blankenheim, Nordeifel, leg. W. Völkl (VI)

Metzneria sp. on *Centaurea scabiosa* - 1 ♀; D, Taubertal, leg. W. Völkl (VI)

261 *Rakosina deplanata* Boucek

Oscinellinae on *Phragmites australis* - 1 ♀; D, Waghäusel, leg. R. Michel (VI)

262 *Rhaphitelus maculatus* Walker

Scolytus rugulosus Müller - 5 ♀; D, Fliegenberg, LK Harburg, leg. Ullmann (VI)

263 *Rhopalicus tutela* Walker

Ips typographus L. - 4 ♀; BUL, Treschtenik, leg. Tshankov (VI)

- 264 ***Roptrocerus brevicornis*** Thoms.
Pissodes sp. - 2♂, 5♀; BUL, Sofia, leg. Tshankov (VI)
- 265 ***Roptrocerus xylophagorum*** Ratzeburg
Ips typographus L. - 14♂, 12♀; BUL, Treschtenik, leg. Tshankov (VI)
- 266 ***Schizonotus latus*** Wlk.
Plagioderia versicolora Laich. - 4♂, 11♀; D, Bensberg, NRW, leg. Topp (VI)
- 267 ***Spaniopus dissimilis*** Wlk.
Apanteles sp. via *Elachista poae* Stt. on *Glyceria maxima* - 2♂, 5♀; D, Lütjenburg, Schleswig-Holstein, leg. Pusch (VI)
Rhaphiopya glyceriae Nart. on *Glyceria maxima* - 1♀; D, Lütjenburg, Schleswig-Holstein, leg. Pusch (VI)
- 268 ***Spintherus dubius*** Nees
Apion apricans Hrbst. on *Trifolium* sp. - 10♂, 9♀; D, Kraichgau, Münzesheim, leg. Wessering (VI)
- 269 ***Stenomalina gracilis*** Spinola
Agromyzidae sp. on *Crepis biennis* - 1♂, 4♀; D, Bayreuth, leg. Stickroth (VI)
- 270 ***Stenoselma nigrinum*** Delucchi
Isocolus rogenhoferi Wachtl on *Centaurea scabiosa* - 1♀; D, Nahetal, leg. W. Völkl (VI)
Metzneria sp. on *Centaurea scabiosa* - 1♂, 1♀; D, Nahetal, leg. W. Völkl (VI)
- 271 ***Syntomopus incisus*** Walker
Melanagromyza aenea Mg. on *Urtica dioica* - 6♀; D, Hamburg, Haseldorfer Marsch, leg. T. Lübke (VI)
- 272 ***Syntomopus incurvus*** Walker
Melanagromyza aenea Mg. on *Urtica dioica* - 4♀; D, Hamburg, Haseldorfer Marsch, leg. T. Lübke (VI)
- 273 ***Syntomopus oviceps*** Thomson
Phytomyza flavicornis Egg. on *Urtica dioica* - 5♂, 6♀; D, Hamburg, Haseldorfer Marsch, leg. T. Lübke (VI)
- 274 ***Trichomalopsis peregrinus*** Graham
Euproctis chrysorrhoea L. - 1♂, 3♀; D, Freiburg; 11♂, 13♀; D, Krozingen; 3♂, 6♀; D, Zarten, all leg. Maier (VI)
Meteorus versicolor Wesm. via *Euproctis chrysorrhoea* L. - 2♂, 2♀; D, Frankfurt, leg. Maier (VI)
- 275 ***Trichomalopsis potatoariae*** Graham
Lydella thompsoni Herting via *Archanara geminipuncta* Haw. on *Phragmites australis* - 10♀; Karlsruhe-Fritschlach, leg. Michel (VI)

- 276 *Trichomalus apertus* Walker
Melanagromyza aeneiventris Fall. on *Cirsium acanthoides* - 3♂, 6♀; D, Bayreuth, leg. G. Freese (VI)
- 277 *Trichomalus campestris* Walker
Apion seniculus Kb. on *Trifolium pratense* - 3♂, 5♀; D, Kraichgau, Münzesheim, leg. J. Wesslering (VI)
- 278 *Trichomalus gynetus* Walker
Apion carduorum Kb. on *Cirsium arvense* - 2♀; D, Bindlach, Bayern; 1♀; Sand, Bayern, all leg. G. Freese (VI)
- 279 *Trichomalus perfectus* Walker
Ceutorrhynchus assimilis Payk. on *Brassica sp.* - 2♂, 3♀; CH, Bad Ragaz, leg. Büchi (VI)
- 280 *Trichomalus rugosus* Delucchi & Graham
?Pseudopachychaeta approximatinervis Zett. on *Schoenoplectrus lacustris* - 1♀; D, Hamburg, Haseldorfer Marsch, leg. Haack (VI)

Torymidae:

- 281 *Antistrophoplex cothurnatus* Masi
Orellia colon Mg. on *Centaurea scabiosa* - 2♀; D, Nahetal, leg. W. Völkl (VI)
- 282 *Liodontomerus longfellowi* Girault
Flower heads of *Trifolium sp.* - 2♂, 4♀; D, Kraichgau, Münzesheim, leg. Wesslering (VI)
- 283 *Monodontomerus aereus* Walker
Meteorus versicolor Wesm. via *Euproctis chrysorrhoea* L. - 1♂, 2♀; D, Frankfurt, leg. Maier (VI)
- 284 *Monodontomerus obscurus* Westwood
Coleotechnites piceaella Kear. - 1♀; D, Zöbiger, Leipzig, leg. Schnee (VI)
- 285 *Monodontomerus strobili* Mayr
Cydia strobilella L. in *Pinus sylvestris* cones - 2♂, 1♀; CH, Lens, Alps, leg. M. Kenis (VI)
- 286 *Monodontomerus vicicellae* Walker
Zygaena ?trifolii Esp. - 2♂, 2♀; E, San Privat d'en Bas, leg. Feist (VI)
- 287 *Torymus bedeguaris* L.
Diplolepis mayri Schlecht. on *Rosa canina* - 9♂, 11♀; D, Maschen, leg. Vidal (VI)

- 288 *Torymus chloromerus* Walker
Urophora cuspidata Mg. on *Centaurea scabiosa* - 1 ♂, 3 ♀; D, Velden, Nordfrankenjura,
leg. W. Völkl (VI)
- 289 *Torymus microstigma* Schrank
Diplolepis eleganteriae Hartig on *Rosa sp.* - 1 ♀; D, Kiel, leg. Holsten (VI)
- 290 *Torymus rubi* Schrank
Diplolepis rosae L. on *Rosa canina* - 1 ♀; D, Kiel, leg. Holsten (VI)
- 291 *Torymus tanaceticola* Ruschka
Rhopalomyia tanaceticola Korsch - 6 ♂, 4 ♀; D, Drachensee, Schleswig-Holstein; 4 ♂, 6 ♀;
D, Vieburger Gehölz, Schleswig-Holstein, all leg. 4 6 ex Haus (VI)
- 292 *Torymus urticae* Perris
Dasineura urticae Perr. on *Urtica dioica* - 5 ♂, 5 ♀; D, Pinneberg, leg. T. Lübke (VI)

Trichogrammatidae:

- 293 *Trichogramma cacoeciae* Marchal
Eupoecilia ambiguella Hbn. ex ovo - 2 ♂, 2 ♀; CH, Fläsch, GR, leg. Remund (PI)
- 294 *Trichogramma embryophagum* Quednau
Thaumetopoea pityocampa Schiff. on *Pinus sp.* - 2 ♂, 2 ♀; F, Korsica, leg. S. Bellin (PI)
- 295 *Trichogramma evanescens* Westwood
Helicoverpa armigera Hbn. ex ovo in tomato-plantations - 5 ♂, 5 ♀; E, Barcelona, leg.
Izquierdo (PI)

Proctotrupoidea:

Proctotrupidae:

- 296 *Brachyserphus parvulus* Nees
Cis sp. in *Bjerkandera adusta* on *Carpinus betulus* - ♂, ♀; D, Stuttgart, leg. Eichhorn
(HA)

Ceraphronoidea:

Megaspilidae:

297 *Dendrocerus carpenteri* Curtis

Aphidiidae via *Macrosiphum rosae* L. on *Rosa* sp. - D, Wetzlar, leg. Gruppe (DE)

Aphidiidae via *Myzus cerasi* Fbr. on *Prunus avium* - D, Wetzlar, leg. Gruppe (DE)

Diptera:

Bombyliidae:

298 *Spongostylum tripunctatum* Wiedemann

Megachile parietina Fourc. - I, Valdiano; leg. G. Campadelli.

Muscidae:

299 *Phaonia trimaculata* Bouché

Blepharita solieri Boisd. - 2♂, I, Scafati (SA); leg. Sannino & Balbiani.

Tachinidae:

300 *Acemyia rufitibia* von Roser

Chorthippus mollis Charp. - 1♂, 1♀; CH, Vaud, Onnens, leg. Thorens

301 *Actia dubitata* Herting

Depressaria daucella Denis & Schiff. - 2♀; S, Kivik, leg. Benander

302 *Actia nudibasis* Stein

Retinia resinella L. - 8 Ex; D, Holstein, leg. Rill

Rhyacionia buoliana Denis & Schiff. - 10 Ex; D, Holstein, leg. Rill

- 303 *Actia pilipennis* Fallén
Ancylis mitterbacheriana Denis & Schiff. - 1♂; D, prb. Holstein, leg. Rill
- 304 *Alsomylia olfaciens* Pandellé
Zygaena beatrix Przeng. - 1♂, 2♀; MA, Tizi n'Ifar; leg. A. Hofmann
Zygaena favonia Freyer. - 1♀; DZ, Tlemcen; leg. A. Hofmann
Zygaena sarpedon Hbn. - 3♂, 2♀; E(?), Valvidrera, Las Mimbres; leg. A. Hofmann
- 305 *Anthomyiopsis nigrisquamata* Zetterstedt
Phyllosecta vitellinae L. - 2♀; NL, Wageningen, leg. P. Grijpma
- 306 *Anthomyiopsis plagioderæ* Mesnil
Phyllosecta vitellinae L. on *Salix fragilis* - 1♀; D, Bensberg bei Köln, leg. W. Topp
Plagioderæ versicolora Laich. - 4♀; D, Duisburg, leg. Grigo; D, Bensberg bei Köln; leg. W. Topp
- 307 *Athrycia trepida* Meigen
Agrochola helvola L. - 2♂, 1♀; F, Var, N. of Frejus, leg. T. Ford
Orthosia incerta Hufn. - 5 Ex; D, Holstein; leg. Rill
- 308 *Bactromylia aurulenta* Meigen
Yponomeuta spec. - 1♂; D, prb. Holstein, leg. Rill
Scoliopteryx libatrix L. - 1♂, 1♀; F, Vienne, Availles-Limouzine, leg. M. Shaw
- 309 *Baumhaueria goniaeformis* Meigen
Eriogaster lanestris L. - 1♀; YU, Gorica near Ohrid, leg. M. Boness
- 310 *Bessa parallela* Meigen
Artona funeralis Butler - 6♂, 2♀; J, Kyoto (Honshu), leg. Naumann
- 311 *Bessa selecta* Meigen
Dineura virididorsata Retzius - 3♂, 1♀; D, Holstein, leg. W. Heitland
Nematus ribesii Scop. - 1♂; D, Frankfurt/Main, in coll. Forstzool. Inst. Tharandt.
Platycampus luridiventris Fall. - 4♂, 4♀; D, Holstein, leg. W. Heitland
- 312 *Billaea triangulifera* Zetterstedt
Leiopus nebulosus L. - 1♂; I, Foresta Lama, Forli, leg. G. Campadelli
Oplosia fennica Payk. - 1♂; CS, Mora, Adamov, leg. J. Hladil
Rhagium sp. - 1♂; I, leg. G. Campadelli
Saperda scalaris L. - 1♂, 2♀; I, leg. G. Campadelli
Saphanus piceus Laich. - 1♂; I, leg. G. Campadelli
- 313 *Blepharipa pratensis* Meigen
Catocala nymphagoga Esp. - 1♂, 1♀; F, Var, Cavalaire, leg. T. Ford
- 314 *Blepharomyia pagana* Meigen
Lycia hirtaria Clerck - 1♀; F, Le Muy (Var), leg. T. Ford

315 *Blondelia nigripes* Fallén

- Actinotia polyodon* Clerck - 2♂; D, Holstein, leg. Rill
Amauronematus fallax Lepel. - 1♂; D, Umg. Giessen, Lahnaun, leg. H. Weiffenbach
Anarta myrtilli L. - 1 pupa in pupa of host; D, Holstein, leg. Rill
Apamea scolopacina Esp. - 1♀; D, Schönbuch, leg. A. Steiner
Autographa gamma L. - 1♀; D, Köln-Bonner Bucht, leg. G. Peters
Calophasia lunula Hufn. - 2♂; D, Altingen and Nebringen, leg. A. Steiner
Cucullia absinthii L. - 1♀; D, Holstein, leg. Rill
Cucullia argentea Hufn. - 4♂, 5♀; D, Holstein, leg. Rill
Cucullia artemisiae Hufn. - 1♂; D, Holstein, leg. Rill
Cucullia chamomillae Denis & Schiff. - 1♀; D, Holstein, leg. Rill
Cucullia verbasci L. - 1♀; D, Schwäbische Alb, leg. A. Steiner
Diurnea fagella Denis & Schiff. - 1♂; D, Holstein, leg. Rill
Eupithecia centaureata Denis & Schiff. - 1♀; D, Holstein, leg. Rill
Euproctis similis L. - 1♂; D, Kamen/Westfalen, leg. H. Biermann
Hadena (Dianthoecia) sp. - 2♂; D, Holstein, leg. Rill
Noctua promuba L. - 2♀; D, Schönbuch, leg. A. Steiner
Orthosia stabilis Denis & Schiff. - 1♂; D, Holstein, leg. Rill
Pachynematus clitellatus Lep. - 1♂; D, Mittelhessen, leg. H. Weiffenbach
Tenthredopsis friesei Konow - 1♀; D, Mittelhessen, Staufenberger Forst, leg. H. Weiffenbach
Tenthredopsis spec. - 1♂; D, Nordost-Hessen, Gertenbach, leg. H. Weiffenbach
Xestia c-nigrum L. - 1♂; CH, Gudo (Tessin), leg. M. Hächler

316 *Cadurcia casta* Rondani

- Nycteola revayana* Scop. - 1♀; F, Cavalaire, leg. T. Ford.

317 *Campylochaeta inepta* Meigen

- Anarta myrtilli* L. - 1♀; D, ?Holstein, leg. Rill
Cabera pusaria L. - 2 Ex; D, ?Holstein, leg. Rill.
Dendrolimus pini L. - 2♀; F, Alpes de Hautes-Provence, Villars-C., leg. T. Ford
Ematurga atomaria L. - 3 Ex; D, Holstein, leg. Rill.
Eupithecia hyperboreata Staud. - 1♂; D, ?Holstein, leg. Rill
?Tetheella fluctuosa Hbn. - 1♂; D, ?Holstein, leg. Rill

318 *Carcelia lucorum* Meigen

- Callimorpha dominula* L. - 1♂, 1♀; GB, Oxford, Cothill, leg. D. Owen

319 *Ceranthia abdominalis* Robineau-Desvoidy

- Cyclophora pupillaria* Hbn. - 1♂, 1♀; F, Var, N Frejus, leg. T. Ford

320 *Ceromasia rubrifrons* Macquart

- Zygaena excelsa ssp. alluaudi* Obert. - 1♂, 2♀; MA, Haut-Atlas, leg. A. Hofmann

321 *Chaetina setigena* Rondani

- Polyommatus icarus* Rott. - 1♂; F, Bédoin, leg. M. Shaw

- 322 *Chaetogena obliquata* Fallén
Zygaena maroccana Rothschild - 1♂; MA, Anti-Atlas, Tafraout, 17 km SSE, Souk-Tleta-de Tasserirt, leg. A. Hofmann
- 323 *Cistogaster mesnili* Zimin
Aelia rostrata Boh. - 1♂, 5♀; TR, Bala, Aksaray, Emirdág, Ankara, leg. N. Lodos
Eurygaster maura L. - 1♂; TR, Ankara, leg. N. Lodos
- 324 *Cleonice callida* Meigen
Melasoma vigintipunctata Scop. - 6♂, 8♀; D, Altenahr, Rheinland, leg. W. Topp
- 325 *Clytiomyia sola* Rondani
Graphosoma sp. - 3 Ex; I, Perugia.
- 326 *Compsilura concinnata* Meigen
Hyphantria cunea Drury - 11 Ex; I, Valeggio, Pa, leg. Bertuzzi; 2♀; TR, Samsun, leg. C. Tuncer; 15 Ex; I, leg. G. Camerini
Euproctis chrysorrhoea L. - 5♂, 2♀; TR, Trabzon, leg. M. Serez
- 327 *Cyrtophleba ruricola* Meigen
Pachygnemina hippocastanaria Hbn. - 1♂, 6♀; F, Var, N Frejus, leg. T. Ford
- 328 *Cyzenis albicans* Fallén
Ypsolopha vittella L. - 1♂; GB, Edinburgh, leg. T. Ford
- 329 *Dinera ferina* Fallén
Helops coeruleus L. - 1♂; I, Lama, leg. G. Campadelli
Sinodendron cylindricum L. - 1♀; I, Forli, leg. G. Campadelli
- 330 *Drino atropivora* Robineau-Desvoidy
Acherontia atropos L. - 3♂; E, Tenerife, La Cuesta, leg. M. Baez
- 331 *Drino inconspicua* Meigen
Minucia lunaris Denis & Schiff. - 2♂, 1♀; F, Var, Cavalaire, leg. T. Ford
- 332 *Drino lota* Meigen
Deilephila elpenor L. - 2 puparia; CH, Wädenswil, leg. U. Remund
- 333 *Drino spec. aff. lavinia* Curran
Callosymploca geertsemai Vari - 2 Ex; RSA, Blaubeergstrand and Yserfontein, Western Cap Province, leg. C. Naumann
Neurosymploca atomarina Vari - 31 Ex; RSA, Devil's Peak, Table Mountain, leg. C. Naumann
Neurosymploca concinna Dlm. - 11 Ex; RSA, Robertson Karoo, leg. C. Naumann
Neurosymploca crameri Vari - 12 Ex; RSA, Tygerberg near Cape Town, leg. C. Naumann
Orna nebulosa G. - 2♂; RSA, Beacon Bay near East London, leg. C. Naumann
Prozygaena agria Dist. - 13 Ex; RSA, Pietensburg and Silverton, Transvaal, leg. C. Naumann

- 334 *Ectophasia oblonga* Robineau-Desvoidy
Eurygaster integriceps Puton - 2♂, 1♀; TR, Adana, leg. K. Tüysüz; TR, Sapanca (Bahkesir), leg. N. Lodos
Eurygaster maura L. - 2♂; TR, Haymana, Ankara, leg. N. Lodos
Lygaeus creticus Lucas - 3♂, 4♀; I, Sizilien, leg. D. Anderson
Lygaeus pandurus Scop. - 5♂, 11♀; I, Sizilien, leg. D. Anderson
- 335 *Elfia cingulata* Robineau-Desvoidy
Nemapogon granella L. - 3♀; D, Stuttgart, leg. E. Eichhorn
- 336 *Elodia morio* Fallén
Anacampsis populella Clerck - 15 Ex; D, Holstein, leg. Rill
Archips rosana L. - 3 Ex; D, Holstein, leg. Rill
Tortrix viridana L. - 3♂ 5♀; I, Sizilien
Cydia pomonella L. - 1♀; D, Holstein, leg. Rill
- 337 *Elomyia lateralis* Meigen
Aelia rostrata Boh. - 1♂; TR, Konya, leg. N. Lodos
Eurygaster integriceps Puton - 2♀; TR, Adana, leg. K. Tüysüz; TR, Sartöy; leg. N. Lodos
Eurygaster maura L. - 3♀; TR, Eregli, Bala, leg. N. Lodos
Lygaeus creticus Lucas. - 1♀; I, Sizilien, leg. D. Anderson
Lygaeus pandurus Scop. - 1♂, 1♀; I, Sizilien, leg. D. Anderson
- 338 *Erycia fasciata* Villeneuve
Melitaea didyma Esp. - 2♂, 2♀; TR, leg. S. Bayram
- 339 *Eumea linearicornis* Zetterstedt
Eurrhyncha hortulata L. - 1♂; D, Holstein, leg. Rill
- 340 *Eumea mitis* Meigen
Eulia ministrana L. - 1♂; D, Holstein, leg. Rill
Dioryctria abietella Denis & Schiff. - 1♂, 3♀; NL, Vaals, leg. P. Grijpma
- 341 *Eurysthaea scutellaris* Robineau-Desvoidy
Eilema complana L. - 1♀; D, prb. Holstein, leg. Rill
- 342 *Euthera fascipennis* Loew
Apodiphus amygdali Gmel. on *Prunus avium* - 1♀; TR, Kemalpaşa, leg. N. Lodos
- 343 *Exorista fasciata* Fallén
Lasiocampa quercus L. - 4♀; no further data; in coll. Forstzool. Inst. Tharandt.
- 344 *Exorista grandis* Zetterstedt
Endia pavonia L. - 2♂, 3♀; CH, Wallis, Lötschental; A, Lienz, leg. H. Biermann

345 *Exorista larvarum* L.

Axylia putris L. - 1♂; I, Scafati; leg. Sannino & al.

Hyphantria cunea Drury. - 87 Ex; I, Veggio, Pa, leg. Bertuzzi; I, leg. G. Camerini; I, Mezzano, leg. G. Campadelli; TR, Samsun leg. C. Tuncer

Leucoma salicis L. - 8♂, 5♀; TR, Bosnaköy, leg. S. Cobanoglu

Lymantria monacha L. - 1♂; A, Riegersburg, Nieder-Österreich, leg. Siebeck (in coll. Strobl, Admont)

Malacosoma neustria L. - 1♂, 2♀; no further data; in coll. Forstzool. Inst. Tharandt.

Mamestra oleracea L. - 4♂, 5 ♀; I, Scafati (SA), leg. Sannino et al.

Ochropleura leucogaster Freyer - 2♀; I, leg. Sannino & al.

Ostrinia nubilalis Hbn. - 1 small ♀; TR, Balcali, Prov. Adana, leg. S. Kornosor

Phragmatobia fuliginosa L. - 4♂; I, Scafati (SA), leg. Sannino & Balbiani

Zygaena trifolii Esp. - 2♂; TN; leg. A. Hofmann

346 *Exorista nova* Rondani

Zygaena algira Dup. - 3♂; MA, Middle Atlas, leg. A. Hofmann

Zygaena beatrix Przeng. - 6♂, 3 ♀; MA, Tizi n'Ifar, leg. A. Hofmann

Zygaena favonia Freyer - 12♂, 3♀; DZ, Marcouna; MA, Melilla, Tizi Ouzei, leg. A. Hofmann

Zygaena sarpedon Hbn. - 1♂, 2♀; E(?), Las Mimbres, leg. A. Hofmann

347 *Exorista rustica* Fallén

Tenthredopsis friesei Konow - 1♀; D, Mittelhessen, Staufenberg Forst, leg. H. Weiffenbach

348 *Exorista segregata* Rondani

Zygaena excelsa ssp. *alghaudi* Obert. - 4♂, 4♀; MA, Haut-Atlas, leg. A. Hofmann

Zygaena fausta L. - 2♀; P, Baixo Alentejo; leg. W. Tremewan

Zygaena favonia Freyer - 1♂; MA, Melilla, leg. A. Hofmann

349 *Exorista sorbillans* Wiedemann

Minucia lunaris Denis & Schiff. - 1 very small ♀; F, Var, Cavalaire, leg. T. Ford

350 *Gastrolepta anthracina* Meigen

Lagria hirta L. - 1♂, 1♀; D, Sophienhöhe bei Jülich, leg. W. Topp

351 *Gnaphogaster brunnescens* Villeneuve

Epinotia fraternana Haw. - 1♀; D, Raum Kiel, leg. Rill

352 *Gymnosoma clavata* Rohdendorf

Carpocoris spec. - 1♂; TR, Borno, leg. N. Lodos

Dolycoris baccarum L. - 2♂; TR, Borno, Bozdag, leg. N. Lodos

353 *Gymnosoma dolycoridis* Dupuis

Dolycoris baccarum L. - 1♂; TR, Bozdag, leg. N. Lodos

354 *Gymnosoma rungsi* Mesnil

Aelia rostrata Boh. - 1♀; TR, Bala, leg. N. Lodos

Eurygaster maura L. - 2♂; TR, Bala, leg. N. Lodos

- 355 ***Heliozeta helluo*** Fabricius
Eurygaster integriceps Puton - 4♂, 2♀; TR, Adana, leg. K. Tüysüz; TR, Tekirdág, leg. N. Lodos
Eurygaster maura L. - 1♂, 3♀; TR, Milas, Ankara, Bala, leg. N. Lodos
- 356 ***Huebneria affinis*** Fallén
Arctia caja L. - 1♂; D, Ueberau/Odenwald, leg. H. Biermann
Phragmatobia fuliginosa L. - 1♂, 1♀; I, Scafati, leg. Sannino & al.
- 357 ***Leucostoma crassa*** Kugler
Lygaeus creticus Lucas - 86♂, 56♀; I, Sizilien, leg. D. Anderson
Lygaeus equestris L. - 3♂, 4♀; I, Riva del Garda and Sizilien, leg. D. Anderson
Lygaeus pandurus Scop. - 16♂, 19♀; I, Sizilien, leg. D. Anderson
Tropidothorax leucopterus Goeze - 5♂, 12♀; I, Riva del Garda, leg. D. Anderson
- 358 ***Linnaemyia comta*** Fallén
Agrotis ipsilon Hufn. - 4♂, 5♀; CH, Cadenazzo and Gudo (Tessin); leg. M. Hächler
- 359 ***Lydella thompsoni*** Herting
Agrotis segetum Denis & Schiff. - 1♂, 1♀; CH, Cadenazzo (Tessin), leg. M. Hächler
Archanara geminipuncta Haw. or *A. dissoluta* Tr. - D, Karlsruhe leg. R. Michel

Nonagria typhae Thb. - 4♂, 1♀; D, Schönbuch, Tübingen, Schaichtal E Dettenhausen, leg. A. Steiner
Ostrinia nubilalis Hbn. - 44 Ex.; I; leg. G. Camerini; TR, Aydin, Menemen, Bornova, Tire, leg. N. Lodos; TR, Tece, Prov. Mersin, leg. S. Kornosor
- 360 ***Lypha dubia*** Fallén
Harpella forficella Scop. - 1♂; D, Holstein, leg. Rill
Rhyacionia buoliana Denis & Schiff. - 5 Ex.; D, Holstein, leg. Rill
- 361 ***Masicera pavoniae*** Robineau-Desvoidy
Saturnia pyri Denis & Schiff. - 1♂; F, Sumène (Gard), leg. G. Buston
- 362 ***Masicera sphingivora*** Robineau-Desvoidy
Hyles euphorbiae L. - 1♂, 1♀; D, Lorsch, leg. H. Biermann
Hyles vesperilio Esp. - 3 pupa; CH, Wallis, Pfywald, leg. H. Harbich
- 363 ***Medina collaris*** Fallén
Lochmaea suturalis Thoms. - 1♂; D, Helstorf, Hannover, leg. Helder
- 364 ***Medina separata*** Meigen
Gastrophysa viridula DeG. - 1♂; D, Leverkusen, leg. W. Topp
Phyllosecta vitellinae L. - 1♂, 1♀; NL, Wageningen leg. P. Grijpma
Plagioderia versicolora Laich. on *Salix fragilis* - 1♂; D, Bensberg bei Köln, leg. W. Topp
- 365 ***Mintho rufiventris*** Fallén
Ostrinia nubilalis Hbn. - 1♂; TR, Balcali, Prov. Adana, leg. S. Kornosor

- 366 *Nemoraea pellucida* Meigen
Hyphantria cunea Drury - 7 Ex; I, leg. G. Campadelli; I, Voghera and Bottarone, leg. G. Camerini; TR, Samsun, leg. C. Tuncer
- 367 *Nemorilla floralis* Fallén
Autographa gamma L. - 1 ♂, 1 ♀; D, Umgeb. Bonn, leg. G. Peters
Agonopterix ciliella Stt. - 1 ♀; D, prb. Holstein, leg. Rill
Depressaria pastinacella Dup. - 1 ♀; D, Holstein leg. Rill
Eurrhyncha hortulata L. - 1 ♀; D, Holstein, leg. Rill
Tortrix loeflingiana L. - 1 ♂; D, Holstein, leg. Rill
- 368 *Nemorilla maculosa* Meigen
Acleris variegana Denis & Schiff. - 3 ♂, 1 ♀; CH, Sustenpaß, leg. K. Carl
Eupoecilia ambiguella Hbn. - 1 Ex; CH, Visperterminen leg. J. Aeschlimann
Tortricidae sp. on *Onopordum illyricum* - F, Herault, Sète, leg. J. Aeschlimann
- 369 *Neoplectops pomonellae* Schnabl & Mokrzecki
Gypsonoma sp. - 1 ♀; I, S of Siena, leg. M. Shaw
- 370 *Nilea hortulana* Meigen
Acronicta almi L. - 1 ♂, 1 ♀; CH, Tessin, Maggia, leg. U. Remund
- 371 *Oswaldia muscaria* Fallén
Ipimorpha subtusa Denis & Schiff. - 3 ♂, 2 ♀; D, prb. Holstein, leg. Rill
- 372 *Pales cyanea* Macquart
Anomis erosa Hbn. - 1 ♂; E, E, Canary Islands, La Gomera, leg. M. Leipzig
- 373 *Pales pavidæ* Meigen
Athetis hospes Freyer - 2 ♂; I, Scafati (SA), leg. Sannino & Balbiani
Autographa gamma L. - 1 ♂, 1 ♀; I, Scafati, leg. Sannino & al.
Hyphantria cunea Drury - 31 Ex; I, leg. G. Camerini; TR, Samsun, leg. C. Tuncer
Orthosia stabilis Denis & Schiff. - 1 ♂, 1 ♀; F, Var, Cavalaire, leg. T. Ford
Phragmatobia fuliginosa L. - 1 ♀; I, Scafati, leg. Sannino & al.
- 374 *Peribaea fissicornis* Strobl
Agriopsis sp. - 1 ♀; GB, Norfolk, leg. G. Haggart & M. Shaw
- 375 *Peribaea tibialis* Robineau-Desvoidy
Cyclophora pupillaria Hbn. - 1 ♂; F, Var, N Frejus, leg. T. Ford
Geometridae sp. on *Cytisus* sp. - 1 ♀; F, Drôme, Pierlat, leg. T. Ford
Leucania sp. - 2 ♂; D, Schwarzwald and Spitzberg near Tübingen, leg. A. Steiner
Pachynemia hippocastanaria Hbn. - 2 ♂, 1 ♀; F, Var, Frejus, leg. T. Ford
Satyridae sp. - 1 ♀; F, Vers near Cahors, leg. M. Shaw
- 376 *Periscepsia carbonaria* Panzer
Agrotis segetum Denis & Schiff. - 1 ♂, 2 ♀; CH, Gudo, Tessin, leg. M. Hächler
Agrotis ipsilon Hufn. - 3 Ex. from young larvae; CH, Gudo, Tessin, leg. M. Hächler

- 377 *Phasia subcoleoprata* L.
Eurygaster integriceps Puton - 1♂, 4♀; TR, Kimkhan-Hatay, leg. K. Tüysüz; TR, Sartöy, Demirköy, Tekirdâg, leg. N. Lodos
Eurygaster maura L. - 1♂; TR, Konya, leg. N. Lodos
- 378 *Phorocera grandis* Rondani
Thaumetopoea pityocampa Denis & Schiff. - 1♀; GR, Kassandra, Chalkidiki; leg. Devkota
- 379 *Phorocera obscura* Fallén
Agriopsis leucophaearia Denis & Schiff. - 1♂; D, prb. Holstein, leg. Rill
- 380 *Phryxe caudata* Rondani
Thaumetopoea pityocampa Denis & Schiff. - 3♂, 13♀; GR, Kassandra, Chalkidiki and Kalogria, Achaia, leg. Devkota; I, leg. G. Campadelli
Thaumetopoea sp. - 7♂, 3♀; YU, Rab
- 381 *Phryxe erythrostoma* Hartig
Cucullia artemisiae Hufn. - D, Görlitz; in coll. Forstzool. Inst. Tharandt.
Hyloicus pinastri L. - 6 Ex; D, Okrilla; in coll. Forstzool. Inst. Tharandt; D, prb. Holstein, leg. Rill
- 382 *Phryxe heraclei* Meigen
Philudoria potatoria L. - 1♂, 2♀; D, Bad Buchau, Federseeried, leg. A. Radke
- 383 *Phryxe hirta* Bigot
Heterogynis penella Hbn. - 1♂; E, Prov. Zaragoza, Biel (NW of Huesca), leg. N. Hall
- 384 *Phryxe magnicornis* Zetterstedt
Zygaena sp. - no other data, in coll. Forstzool. Inst. Tharandt.
Erannis defoliaria Clerck - 1♀; F, Fontainebleau, leg. T. Ford
Lycia lapponaria Boisduval - 1♂; GB, Scotland, leg. S. Hewitt
- 385 *Phryxe nemea* Meigen
Agriopsis aurantiaria Hbn. - 1♀; F, Fontainebleau, leg. T. Ford
Agriopsis marginaria Fbr. - 1♀; D, prb. Holstein, leg. Rill
Noctua pronuba L. - 1♂, 1♀; D, Schönbuch, leg. A. Steiner
Mamestra oleracea L. - 2♀; D, Ingersheim, leg. K. Schrameyer
Orthosia stabilis Denis & Schiff. - 1♂; D, Holstein, leg. Rill
- 386 *Phryxe prima* Brauer & Bergenstamm
Zygaena cuvieri Boisduval - 3♂; TR, Adana, Saimbeyli, leg. W. Tremewan
- 387 *Phryxe setifacies* Villeneuve
Zygaena algira Duponchel - 3♂, 2♀; MA, Anti-Atlas and Middle Atlas, leg. A. Hofmann
Zygaena favonia Freyer - 2♀; DZ, Marcouna, leg. A. Hofmann
Zygaena occitanica Villers - 1♂; E, Alicante, Villajoyosa, leg. A. Hofmann

388 *Phryxe vulgaris* Fallén

- Calophasia lunula* Hufn. - 5♂, 2♀; D, Werbach im Taubertal, leg. P. Dynort; D, Altingen, leg. A. Steiner
Cucullia argentea Hufn. - 2♂, 4♀; D, Holstein, leg. Rill
Cucullia asteris Denis & Schiff. - 1♀; D, Holstein leg. Rill
Discestra trifolii Hufn. - 1♂; DK, leg. R. Schlick
Lycia hirtaria Clerck - 1♂, 1♀; F, 8 km N Frejus, leg. T. Ford
Lycia zonaria Denis & Schiff. - 1♀; D, prb. Holstein, leg. Rill
Pachynematus clitellatus Lep. - 1♀; D, Umg. Giessen, leg. H. Weiffenbach
Pieris brassicae L. - 1♀; D, Köln-Bonner Bucht, leg. G. Peters
Pieris rapae L. - 10♂, 10♀; D, Köln-Bonner Bucht and Wesseling, leg. G. Peters; D, Hötzum, leg. R. Forster
Zygaena fausta L. - 1♂, 1♀; P, Baixo Alentejo, leg. W. Tremewan

389 *Phytomyptera nigrina* Meigen

- Lobesia botrana* Schiff. - 1♂, 5♀; I, Veneto, Perunumia and Cologuola, leg. E. Marchesini
Tortrix viridana L. - 1♂, 1♀; I, Sizilien

390 *Pseudoperichaeta nigrolineata* Walker

- Cydia* sp. - 1♂, 9♀; I, Savelli, Mendicino, leg. Tranfaglia
Eurrhyncha hortulata L. - 1♀; D, Mössingen,; leg. U. Bense
Pammene gallicolana Zell. in galls of *Neuroterus macropertus* and *Andricus spec.* on *Quercus cerris* - 2♂; TR, Tokat, leg. Doganlar
Zygaena sp. - 1♂; no other data; in coll. Forstzool. Inst. Tharandt

391 *Pseudoperichaeta palesoidea* Robineau-Desvoidy

- Depressaria pastinacella* Dup. - 1♀; D, Dallau (Baden), leg. Bickel

392 *Ramonda latifrons* Zetterstedt

- ?*Leucania* sp. - 1♀; D, prb. Holstein, leg. Rill

393 *Ramonda prunaria* Rondani

- Mythimna l-album* L. - 1♂, 6♀; D, Hirschau, leg. A. Steiner

394 *Ramonda spathulata* Fallén

- Xestia xanthographa* Denis & Schiff. - 1♀; D, Schönbuch, leg. A. Steiner
Leucania sp. - 1♀; D, Schwarzwald, leg. A. Steiner

395 *Siphona geniculata* Degeer

- Tipula maxima* Poda - 9♂, 7♀; D, Bergisches Land, leg. D. Skambracks

396 *Sisyropa spec. aff. heterusiae* Coquillett

- Pidorus glaucopis* Drury - 3♂, 3♀; J, Tsukuba, Honshu, leg. Mochizuki

397 *Sturmia bella* Meigen

- Inachis io* L. - 2♂, 1♀; D, Ueberau/Odenwald, leg. H. Biermann; D, Bergisch-Neukirchen; leg. M. Boness

- 398 *Tachina magnicornis* Zetterstedt
Agrotis segetum Denis & Schiff. - 4♂, 1♀; CH, Chiguy and Lonay, Vaud, leg. M. Hächler.
Noctuidae sp. (prb. *Cucullia scrophulariae* Denis & Schiff.) - 1♂, 1♀; YU, Ohrid, Macedonia, leg. M. Boness
- 399 *Therobia leonidei* Mesnil
Poecilimon thessalicus Brunner - 2♂, 4♀; GR, Umg. Makrakomi leg. K. Heller
- 400 *Triarthria setipennis* Fallén
Forficula decipiens Gené - 2 Ex; I, Rom, leg. P. Bonavita
- 401 *Voria ruralis* Fallén
Autographa gamma L. - 13♂, 7♀; D, Umgebung Bonn, leg. G. Peters; D, Heilbronn, leg. K. Schrameyer; D, Hötzum, Niedersachsen and Niedererlenbach, Hessen, leg. R. Forster
Autographa ?pulchrina Haw. - 3♀; F, Var, Massif des Maures, leg. A. Steiner
Mamestra oleracea L. - 2♀; CH, Wädenswil, leg. U. Remund
- 402 *Winthemia quadripustulata* Fabricius
Cucullia argentea Hufn. - 2♂; D, Holstein, leg. Rill
- 403 *Zeuxia cinerea* Meigen
Larinus obtusus Gyll. - 2♂, 2♀; RO, Cluj-Napoca, leg. K. Groppe.

Coleoptera:

Coccinellidae:

- 404 *Nephus peyerimhoffi* Sicard
Protopulvinaria pyriformis Cokerell on avocado trees - 20♂, 20♀; E, Malaga, leg. Wysoki (FÜ)

Part II - Hosts or prey

Dermaptera:

Forficulidae:

Forficula decipiens Gené 400

Orthoptera:

Acrididae:

Chorthippus mollis Charp. 300

Tettigoniidae:

Poecilimon thessalicus Brun. 399

Heteroptera:

Lygaeidae:

Lygaeus creticus Lucas 334-337-357

Lygaeus equestris L. 357

Lygaeus pandurus Scop. 334-337-357

Tropidothorax leucopterus Goeze 357

Pentatomidae:

Aelia rostrata Boh. 323-337-354

Apodiphus amygdali Gmel. 342

Carpocoris sp. 352

Dolycoris baccarum L. 352-353

Eurygaster integriceps Puton 334-337-354-355-377

Eurygaster maura L. 334-337-354-355-377

Graphosoma sp. 325

Homoptera:

Aphididae:

- Aphididae sp. 226-237
- Diuraphis noxia Mord. 110
- Impatientinum asiaticum Nevsky 232
- Macrosiphum rosae L. 226-246-297
- Myzus cerasi Fbr. 226-247-297

Coccidae:

- Protopulvinaria pyriformis Cok. 404

Coleoptera:

Bostrychidae:

- Sinoxylon cornigerum Gerst. 60

Cerambycidae:

- Leiopus nebulosus L. 312
- Oplosia fennica Payk. 312
- Rhagium sp. 312
- Saperda scalaris L. 312
- Saphanus piceus Laich. 312

Cisidae:

- Cis bidentatus Oliv. 135
- Cis castaneus Mell. 135
- Cis sp. 296

Chrysomelidae:

- Cassida azurea Fbr. 112
- Gastrophysa viridula DeG. 364
- Lochmaea suturalis Thoms. 363
- Melasoma vigintipunctata Scop. 324
- Oulema lichenis Voet. 186
- Oulema melanopus L. 100
- Phyllodecta vitellinae L. 305-306
- Plagioderma versicolora Laich. 266

Curculionidae:

- Anthonomus peduncularis L. 77
- Anthonomus pomorum L. 106
- Apion apricans Hrbst. 268
- Apion carduorum Kb. 278
- Apion malvae Fbr. 257

Apion rufirostre Fbr. 257
Apion seniculus Kb. 277
Ceutorrhynchus assimilis Payk. 242-279
Ceutorrhynchus sp. 231
Cionus tuberculosus Scop. 172
Gymnentrion anthirrhini Payk. 76
Larinus flavescens Germ. 13-16-20-23-24
Larinus obtusus Gyll. 403
Larinus sp. 24
Larinus sturnus Schall. 137-173-259-260
Lixus elongatus Boh. 174-207-213
Pissodes castaneus DeG. 31-208-221
Pissodes pini L. 30-31
Pissodes sp. 244-264
Pissodes validirostris Sahlb. 21-212
Rhamphus oxyacanthae Mrsh. 175
Rhinocyllus conicus Fröl. 23
Rhynchaenus fagi L. 59-185-197
Rhynchaenus populi Fbr. 148-185-189-197-198
Stereonychus fraxini DeG. 76-78-97-98-208-241

Lagriidae:

Lagria hirta L. 350

Lucanidae:

Sinodendron cylindricum L. 329

Mordellistidae:

Mordellistena sp. 176

Nitidulidae:

Meligethes sp. 52

Scolytidae:

Ips typographus L. 263-265
Pityogenes chalcographus L. 239
Scolytus rugulosus Müll. 229-262

Tenebrionidae:

Helops coeruleus L. 329

Hymenoptera:

Aphidiidae:

- Aphidiidae sp. 247-297
- Aphidius rosae Hal. 226-246
- Praon sp. 232

Apoidea:

- Apis mellifera L. 183
- Heriades sp. 116
- Megachile parietina Fourc. 298
- Megachile rotundata Fbr. 117

Braconidae:

- Aleiodes borealis Thoms. 249
- Apanteles lacteicolor Vier. 114
- Apanteles liparidis Bouché 225
- Apanteles rubecula Marsh. 138
- Apanteles sp. 214-267
- Braconidae sp. 196-241-259
- Coeloides sordidator Rtz. 221
- Cotesia glomerata L. 138
- Meteorus versicolor Wesm. 274-283
- Pholetesor phaetusa Nixon 159-192

Cynipidae:

- Aulacidea hieracii Bouché 222
- Diplolepis eleganteriae Hartig 128-130-251-289
- Diplolepis mayri Schlecht. 130-217-287
- Diplolepis nervosa Curtis 128-251
- Diplolepis rosae L. 103-208-227-290
- Isocolus rogenhoferi Wachtl 208-209-219-220-223-252-259-270
- Neuroterus quercusbaccarum L. 240-243
- Periclistus sp. 251

Eulophidae:

- Pnigalio sp. 197

Eurytomidae:

- Eurytoma sp. 137

Ichneumonidae:

- Cryptinae sp. 235
- Gelis sp. 235
- Scambus nigricans Thoms. 207
- Tromatobia sp. 194

Sphecidae:

Trypoxylon attenuatum Smith 215

Tenthredinidae:

Amauronematus fallax Lep. 315
Dineura viridorsata Retz. 311
Endophytus anemones Hering 62
Euura amerinae L. 208-218
Euura testaceipes Zad. & Brisch. 218
Fenusa pusilla Lep. 15
Nematus ribesii Scop. 311
Pachynematus clitellatus Lep. 315-388
Platycampus luridiventris Fall. 311
Pontania "bridgman" 14
Pontania proxima Lep. 14
Tenthredopsis friesei Konow 315
Tenthredopsis sp. 315

Vespoidea:

Ancistrocerus sp. 170
Dolichovespula media Retz. 236

Lepidoptera:

Arctiidae:

Arctia caja L. 356
Callimorpha dominula L. 318
Hyphantria cunea Drury 326-345-366-373
Phragmatobia fuliginosa L. 345-356-373
Eilema complana L. 341

Cochylidae:

Eupoecilia ambiguella Hbn. 104-236-293-368

Cymatophoridae:

Polyploca ridens Fbr. 7

Elachistidae:

Elachista poae Stt. 72-143-159-181-192-267

Eriocraniidae:

Eriocrania chrysolepidella Zell. 147
Eriocrania haworthi Bradley 146-147-184-185-198-199-200-201
Eriocrania sangii Wood 146-147-153-199
Eriocrania semipurpurella Steph. 146-155-156-185
Eriocrania sparrmannella Bosc. 199
Eriocrania subpurpurella Haw. 146-147-148
Eriocrania unimaculella Zett. 34-146-147-158-184-199-200-201

Ethmiidae:

Ethmia terminella Fletcher 26

Gelechiidae:

Athrips mouffetella L. 55

Anacampsis populella Clerck 336

Coleotechnites piceaella Kear. 187-196-209-233-235-241-253-258-284

Isophryctis striatella Denis & Schiff. 56-58-209-245

Metzneria sp. 133-168-252-259-260-270

Phtorimaea operculella Zell. 88

Scrobipalpa ?atriplicella F.v.R. 74

Scrobipalpa obsoletella F.v.R. 9-17-57

Geometridae:

Agriopis aurantiaria Hbn. 385

Agriopis leucophaearia Denis & Schiff. 379

Agriopis marginaria Fbr. 385

Agriopis sp. 374

Cabera pusaria L. 317

Chloroclystis v-ata Haw. 44

Cyclophora pupillaria Hbn. 319-375

Ematurga atomaria L. 317

Epirrita autumnata Borkh. 4-6-80-178

Erannis defoliaria Clerck 384

Eupithecia centaureata Denis & Schiff. 315

Eupithecia hyperboreata Staud. 317

Geometridae sp. 375

Lycia hirtaria Clerck 314-388

Lycia lapponaria Boisd. 384

Lycia zonaria Denis & Schiff. 388

Pachycnemia hippocastanaria Hbn. 327-375

Gracillariidae:

Callisto denticulella Thb. 126-200-203

Caloptilia elongella L. 205

Caloptilia stigmatella Fbr. 166

Gracillaria syringella L. 169-199-258

Phyllonorycter blancardella Fbr. 119-156

Phyllonorycter cerasicolella H.-S. 154-155-156-158-185-199-200-201-204-205

Phyllonorycter connexella Zell. 127-204

Phyllonorycter corylifoliella Hbn. 205

Phyllonorycter cydoniella Denis & Schiff. 124-156-158-199-200-205

Phyllonorycter geniculella Rag. 33

Phyllonorycter harrisella L. 119-125-185-197

Phyllonorycter heegeriella Zell. 185-193

Phyllonorycter lautella Zell. 125-153-185

Phyllonorycter maestingella Müll. 33-205

Phyllonorycter medicaginella Grsm. 180

Phyllonorycter pomonella Zell. 153-156-198-200-201-204-205

Gracillariidae cont.:

- Phyllonorycter sagitella Bjerk. 197
- Phyllonorycter salicicolella Sircom 127
- Phyllonorycter sorbi Frey 10-32-193
- Phyllonorycter stettinensis Nic. 154-156-197-200-204-258
- Phyllonorycter tristrigella Haw. 144-193

Heterogynidae:

- Heterogynis penella Hbn. 383

Lasiocampidae:

- Dendrolimus pini L. 317
- Eriogaster lanestris L. 309
- Lasiocampa quercus L. 102-343
- Malacosoma neustria L. 345
- Philudoria potatoria L. 382
- Poecilocampa populi L. 11
- Trichiura crataegi L. 11

Lycaenidae:

- Lysandra coridon Poda 2-43
- Polyommatus icarus Rott. 321

Lymantriidae:

- Euproctis chryorrhoea L. 114-196-274-283-326
- Euproctis similis L. 51-315
- Leucoma salicis L. 345
- Lymantria dispar L. 225
- Lymantria monacha L. 345

Lyonetiidae:

- Bucculatrix maritima Stt. 71
- Bucculatrix ulmella Zell. 122-197
- Leucoptera malifoliella Costa 147-188-236
- Leucoptera spartifoliella Hbn. 136
- Lyonetia clerkella L. 5-200

Nepticulidae:

- Stigmella assimilella Zell. 146-151
- Stigmella basiguttella Heinem. 158
- Stigmella centifoliella Zell. 146-148-151-188
- Stigmella floslactella Haw. 188
- Stigmella freyella Heyden 148
- Stigmella luteella Stt. 141
- Stigmella microtheriella Stt. 188
- Stigmella minusculella H.-S. 148-158-188
- Stigmella plagicolella Stt. 200
- Stigmella roborella Joh. 120
- Stigmella ruficapitella Haw. 162

Nepticulidae cont.:

- Stigmella salicis* Stt. 121
- Stigmella tiliae* Frey 188
- Stigmella tityrella* Stt. 148-151-153-162
- Stigmella trimaculella* Haw. 151
- Trifurcula argentipedella* Zell. 141
- Trifurcula sericopeza* Zell. 177

Noctuidae:

- Acronicta alni* L. 370
- Actinotia polyodon* Clerck 315
- Agrochola helvola* L. 315
- Agrotis ipsilon* Hufn. 66-69-87-89-96-358-376
- Agrotis segetum* Denis & Schiff. 69-85-89-359-376-398
- Anarta myrtilli* L. 315-317
- Anomis erosa* Hbn. 372
- Apamea scolopacina* Esp. 315
- Archanara dissoluta* Tr. 359
- Archanara geminipuncta* Haw. 275-359
- Athetis hospes* Freyer 93-373
- Authographa gamma* L. 3-70-84-118-249-256-315-367-373-401
- Authographa ?pulchrina* Haw. 401
- Axylia putris* L. 86-345
- Calophasia lunula* Hufn. 315-388
- Catocala nymphagoga* Esp. 313
- Chrysodeixis chalcites* Esp. 64
- Cucullia absinthii* L. 315
- Cucullia argentea* Hufn. 315-388-402
- Cucullia artemisiae* Hufn. 315-381
- Cucullia asteris* Denis & Schiff. 388
- Cucullia chamomillae* Denis & Schiff. 315
- Cucullia scrophulariae* Denis & Schiff. 398
- Cucullia verbasci* L. 315
- Discestra trifolii* Hufn. 81-388
- Hadena* sp. 315
- Helicoverpa armigera* Hbn. 38-42-99-295
- Ipimorpha subtusa* Denis & Schiff. 371
- Leucania* sp. 375-392-394
- Mamestra oleracea* L. 40-70-94-179-345-385-401
- Minucia lunaris* Denis & Schiff. 331-349
- Mythimna l-labum* L. 393
- Noctua pronuba* L. 46-107-315-385
- Noctuidae sp. 398
- Nonagria typhae* Thnb. 359
- Ochropleura leucogaster* Freyer 345
- Orthosia incerta* Hufn. 307
- Orthosia stabilis* Denis & Schiff. 315-373-385
- Nycteola revayana* Scop. 316
- Scoliopteryx libatrix* L. 308

Noctuidae cont.:

- Xestia c-nigrum L. 90-107-315
- Xestia xanthographa Denis & Schiff. 394

Notodontidae:

- Cerura vinula L. 214

Nymphalidae:

- Inachis io L. 397
- Melitaea didyma Esp. 338

Oecophoridae:

- Agonopterix ciliella Stt. 367
- Depressaria daucella Denis & Schiff. 301
- Depressaria pastinacella Dup. 367-391
- Diurnea fagella Denis & Schiff. 315
- Harpella forficella Scop. 360

Pieridae:

- Aporia crataegi L. 36
- Pieris brassicae L. 37-46-388
- Pieris rapae L. 41-256-388

Phyllocnystidae:

- Phyllocnystis unipunctella Steph. 182

Plutellidae:

- Plutella xylostella L. 40-53
- Ypsolpha vittella L. 328

Psychidae:

- Narycia monilifera Geoff. 97

Pyralidae:

- Chilo phragmitella Hbn. 35
- Dioryctria abietella Denis & Schiff. 340
- Eurrhyncha hortulata L. 339-367-390
- Ostrinia nubilalis Hbn. 345-359-365
- Palpita unionalis Hbn. 26
- Pediasia aridella Thnb. 45
- Pleuroptya ruralis Scop. 63
- Pyraustra aurata Scop. 79

Saturniidae:

- Endia pavonia L. 344
- Saturnia pyri Denis & Schiff. 361

Satyridae:

- Satyridae sp. 375

Sesiidae:

Synanthedon spheciformis Denis & Schiff. 92

Sphingidae:

Acherontia atropos L. 330

Hyles euphorbiae L. 362

Hyles vespertillo Esp. 362

Deilephila elpenor L. 332

Hyloicus pinastri L. 381

Thaumetopoeidae:

Thaumetopoea bonjeani 139

Thaumetopoea pityocampa Denis & Schiff. 195-206-209-294-378-380

Thaumetopoea sp. 380

Thyatiridae:

Tetheella fluctuosa Hbn. 317

Tineidae:

Morophaga coragellus Zell. 67

Nemapogon granella L. 335

Nemapogon sp. 25

Tischeriidae:

Tischeria angusticolella Dup. 142

Tischeria dodonea Stt. 153-198-200

Tischeria ekebladella Bjerk. 145-153-155-157-197-198-200

Tortricidae:

Acleris variegana Denis & Schiff. 368

Adoxophyes cf. *orana* F.v.R. 160

Archips rosana L. 336

Eulia ministrana L. 340

Clepsia rogana Guenée 61-65

Clepsia spectrana Tr. 65

Cnephasia sp. 27

Cydia pomonella L. 12-82-101-104-105-108-336

Cydia sp. 390

Cydia strobilella L. 285

Epiblema scutullana Denis & Schiff. 167

Epinotia fraternana Haw. 351

Epinotia tedella Clerck. 235

Gypsonoma sp. 369

Hedya nubiferana Haw. 65

Latronympha strigana Fbr. 68

Lobesia botrana Denis & Schiff. 389

Olethreutes siderana Tr. 65

Pammene gallicolana Zell. 390

Retinia resinella L. 302

Tortricidae cont.:

- Rhyacionia buoliana Den. & Schiff. 302-360
- Tortricidae sp. 368
- Tortrix loeflingiana L. 337
- Tortrix viridana L. 54-336-389
- Zeiraphera rufimitrana H.-S. 8-95-109

Yponomeutidae:

- Argyresthia trifasciata Staud. 187
- Yponomeuta sp. 308

Zygaenidae:

- Artona funeralis Butler 310
- Callosymploca geertsemai Vari 333
- Neurosymploca atomarina Vari 333
- Neurosymploca concinna Dlm. 333
- Neurosymploca crameri Vari 333
- Orna nebulosa G. 333
- Pidorus glaucopsis Drury 396
- Prozygaena agria Dist. 333
- Zygaena algira Dup. 346-387
- Zygaena beatrix Przeng. 304-346
- Zygaena corsica Boisd. 161
- Zygaena cuvieri Boisd. 386
- Zygaena excelsa spp. alluaudi Obert. 320-348
- Zygaena fausta L. 348-388
- Zygaena favonia Freyer 304-346-348-387
- Zygaena maroccana Rothsch. 322
- Zygaena occitanica Vill. 387
- Zygaena cf. oranascolon 113
- Zygaena sarpedon Hbn. 304-346
- Zygaena sp. 111-384-390
- Zygaena trifolii Esp. 1-111-286-345

Plannipennia:

Chrysopidae:

- Chrysopa sp. 140

Diptera:

Agromyzidae:

- Agromyzidae sp. 269
- Agromyza nigrella Rond. 50-73
- Liriomyza impatientis Bri. 32-48-148-163-201
- Melanagromyza aenea Mg. 231-271-272

Agromyzidae cont.:

- Melanagromyza aeneiventris Fall. 213-230-231-276
- Melanagromyza cf. eriolepidis Spencer 213-230
- Napomyza cichorii Spencer 28
- Phytomyza atricornis Mg. 152
- Phytomyza flavicornis Egg. 231-273
- Phytomyza fuscata Zett. 49-146-150-152-158-163-164-165-
181-192-200-209-234
- Phytomyza horticola Gour. 47
- Phytomyza nigra Mg. 146
- Phytomyza verbasci Bouché 200
- ?Pseudopachychaeta approximatinervis Zett. 280

Cecidomyiidae:

- Dasineura urticae Perr. 190-292
- Cystiphora sonchi Bremi 131-152-191-201
- Cystiphora taraxaci Kieff. 131-152-191-201
- Helicomyia saliciperda Duf. 211
- Rhabdophaga triandraeperda Barnes 211
- Rhopalomyia tanaceticola Korsch 134-291

Chloropidae:

- Lipara sp. 132
- Oscinellinae sp. 75-228-261
- Rhaphiopya glyceriae Nart. 267

Psilidae:

- Psila rosae Fbr. 29

Scatophagidae:

- Parallelomma vittatum Mg. 149

Sciaridae:

- Sciara sp. 238

Syrphidae:

- Episyrphus balteatus DeG. 83-91-115-123-248-249

Tachinidae:

- Lydella thompsoni Hert. 275
- Phryxe vulgaris Fall. 225

Tephritidae:

- Cerajocera ceratocera Hendel 254
- Chaetorellia jaceae Rob.-Des. 18-19-21
- Chaetorellia loricata Rond. 137-202-220-254-259
- Orellia colon Mg. 137-202-220-252-255-259-281
- Tephritis crepidis Hendel 152-171-250
- Urophora cuspidata Mg. 133-137-216-220-254-288

Tephritidae cont.:

Urophora jaceana Hering 254

Urophora solstitialis L. 22

Urophora sp. 24

Tipulidae:

Tipula maxima Poda 395

Acari:

Eriophyidae:

Cecidophyopsis ribis Westw. 129

Araneae:

Argiope sp. 194

Part III - Host plants

Fungi:

Bjerkandera adusta 25-135-224-296

Gymnospermae:

Juniperus sp. 187

Picea pungens 237

Pinus sp. 294

Pinus sylvestris 208-212-221-285

Monocotyledonae:

Alopecurus myosuroides 49-146-150-152-158-163-164-165-181-192-200-209-234

Lolium perenne 148

Glyceria maxima 39-72-143-159-181-192-267

Phragmites australis 35-75-132-228-261-275

Schoenoplectrus lacustris 280

Triticum sp. 110-115-123-248-249

Zea mays 66-69

Dicotyledonae:

Acer platanoides 83-177-248

Alnus glutinosa 205

Anemone nemerosa 62

Artemisia vulgaris 176

Aster tripolium 71

Atriplex hastata 9-57-74

Betula sp. 15-34-199-200-201

Brassica napus 52

Brassica oleracea 179-256

Brassica sp. 46-279

Carpinus betulus 25-135-224-296

Carduus acanthoides 174

Carduus nutans 22-23-24-140-174-207

Centaurea scabiosa 133-137-168-173-202-208-209-216-219-220-223-252-254-255-
259-260-270-281-288

Centaurea sp. 18-19-21-254

Cerasus sp. 155-156-158-185-200-201-205

Cichorium intybus 28

Cirsium acanthoides 213-276

Cirsium arvense 231-238-278

Cirsium eriolepidis 230

Cirsium palustre 167

Cirsium sp. 230

Dicotyledonae cont.:

- Cirsium vulgare 213
- Crataegus sp. 175
- Crepis biennis 152-171-250-269
- Echium vulgare 26
- Fraxinus excelsior 76-78-97-98-208
- Impatiens noli-tangere 32-148
- Impatiens parviflora 32-48-148-163-201-232
- Linaria vulgaris 76
- Lonicera sp. 26
- Malus sp. 12-82-101-104-105-108
- Malva sylvestris 257
- Onopordum illyricum 368
- Polygonatum multiflorum 149
- Populus tremula 146
- Prunus avium 247-297-342
- Prunus cerasus 226
- Prunus padus 193
- Quercus sp. 119-125-146-148-153-185-193-240-243-390
- Rosa canina 130-217-251-287-290
- Rosa sp. 103-217-251-289-297
- Rubus sp. 215
- Santolina sp. 161
- Salix cinerea 14
- Salix fragilis 218-306-364
- Salix pentandra 208-218
- Salix sp. 211
- Salix triandra 166
- Senecio jacobea 152
- Silene vulgaris 112
- Solidago canadensis 27-44
- Sonchus palustris 131-152-191-201
- Sorbus aucuparia 5-10-32
- Symphoricarpos sp. 55
- Tanacetum vulgare 56-58-209-245
- Taraxacum officinale 131-152-191-201
- Ulmus sp. 144-193
- Urtica dioica 190-231-271-272-273-292
- Veratrum album 61-65
- Verbascum nigrum 200

