

TORTRICID MOTHS OF CROATIA (LEPIDOPTERA: TORTRICIDAE): A SPECIES LIST WITH DISTRIBUTIONAL INFORMATION

DANIJELA GUMHALTER¹ , KAI BERGGREN², LEIF AARVIK³, GIORGIO
BALDIZZONE⁴ , IMRE FAZEKAS⁵, FRIEDMAR GRAF⁶ & MARTINA ŠAŠIĆ⁷

¹Azuritweg 2, D-70619 Stuttgart, Germany (e-mail: danijela.gumhalter@gmail.com)

²Bråvann terrasse 21, NO-4624 Kristiansand, Norway (e-mail: kberggr@online.no)

³Natural History Museum, University of Oslo, P.O. Box 1172, NO-0318 Oslo, Norway
(e-mail: leif.aarvik@nhm.uio.no)

⁴Via Manzoni 24, I-14100 Asti, Italy; Muséum d'histoire naturelle de Genève, C.P. 6434, CH-1211
Geneva 6, Switzerland (Corresponding member) (e-mail: giorgiobaldizzone@gmail.com)

⁵Pannon Institute, Magaslati út 24, H-7625 Pécs, Hungary (e-mail: fazekas@outlook.com)

⁶Burglehn 1, D-02625 Bautzen, Germany (E-mail: friedmargraf@googlemail.com)

⁷Croatian Natural History Museum, Demetrova 1, HR-10000 Zagreb, Croatia
(e-mail: martina.sasic@hpm.hr)

Gumhalter, D., Berggren, K., Aarvik, L., Baldizzone, G., Fazekas, I., Graf, F. & Šašić, M.: Tortricid moths of Croatia (Lepidoptera: Tortricidae): a species list with distributional information. Nat. Croat., Vol. 33, No. 2, 217–277, Zagreb, 2024.

Tortricid moths, or leafroller moths, are one of the most economically important insect families worldwide. Many tortricids are significant pest species in agriculture and forestry, yet no checklist for Croatia exists that would allow better monitoring and managing of the existing pest species. In total, more than 300 literature sources were reviewed to compile the first species list of tortricid moths for Croatia. The list includes material collected during field surveys conducted by the authors in Croatia, as well as specimens held in the Koča Microlepidoptera collection and Igalffy Microlepidoptera collection of the Croatian Natural History Museum in Zagreb. The list has 416 species of Tortricidae. Altogether 31 species are new to the Croatian fauna: three species that are held in museum collections and 28 species that were collected by the authors.

For each species, an exhaustive review of literature references is provided, from the oldest historical records to the recent ones. Data from the field surveys and/or a reference to the collection where vouchers are preserved are also provided. The taxonomic categories included are subfamilies, tribes, genera, subgenera, and species. In addition, distributional information for each species is given according to its occurrence in the three biogeographical regions of Croatia (Alpine, Mediterranean, and Continental regions).

Keywords: Tortricidae, pest species, agriculture, forestry, distribution, biogeography, Croatian Natural History Museum, Croatia

Gumhalter, D., Berggren, K., Aarvik, L., Baldizzone, G., Fazekas, I., Graf, F. & Šašić, M.: Lep-tiri savijači Hrvatske (Lepidoptera: Tortricidae): popis vrsta s podacima o rasprostranjenosti. Nat. Croat., Vol. 33, No. 2, 217–277, Zagreb, 2024.

Savijači su jedna od ekonomski najvažnijih porodica kukaca širom svijeta. Znanan broj su štetnici u poljoprivredi i šumarstvu, no u Hrvatskoj još ne postoji popis vrsta koji bi olakšao monitoring i

*Corresponding author: danijela.gumhalter@gmail.com

upravljanje štetnim vrstama. Pri sastavljanju prvog popisa vrsta savijača Hrvatske pregledano je više od 300 literaturnih izvora. Popis uključuje materijal prikupljen terenskim istraživanjima autora, kao i primjerke iz zbirke Hrvatskog prirodoslovnog muzeja – Zbirke Microlepidoptera Koča i Zbirke Microlepidoptera Igalffy. Popis ima 416 vrsta iz por. Tortricidae. Ukupno 31 vrsta nova je za hrvatsku faunu: tri vrste iz muzejskih zbirki i 28 vrsta koje su prikupili autori. Za svaku vrstu daje se opširan pregled literature, od najstarijih povijesnih podataka do danas. Tu su i podaci iz terenskih istraživanja i/ili podaci iz zbirki u kojima su primjerci čuvani. Uključene taksonomske kategorije su potporodice, tribusi, rodovi, podrodovi i vrste. Osim toga daju se i podaci o rasprostranjenosti vrste u tri biogeografske regije Hrvatske (alpinska, mediteranska i kontinentalna).

Ključne riječi: Tortricidae, štetnici, poljoprivreda, šumarstvo, rasprostranjenost, biogeografija, Hrvatski prirodoslovni muzej, Hrvatska

INTRODUCTION

The Tortricoidea is one of the most ecologically diverse superfamilies within the order Lepidoptera, second only to the Gelechioidea in the number of described species (HORAK, 1998). The superfamily has a single family, Tortricidae, which is divided into three subfamilies: Tortricinae, Olethreutinae, and Chlidanotinae. According to GILIGAN *et al.* (2010), the family Tortricidae currently includes 11,365 described species placed in 1,151 genera. In Europe, 977 species can be found (LOPEZ-VAAMONDE *et al.*, 2010).

Tortricid adults are characterized by a combination of the following characteristics: head rough-scaled above; scaling of lower frons short, appressed, and upwardly directed; proboscis well developed and unscaled; labial palpi three-segmented and generally held horizontally or porrect, with apical segment short and blunt; maxillary palpi reduced; ocelli and chaetosema present; ovipositor lobes flat (HORAK, 2006). The structure of the female ovipositor is the only single apomorphy that unites the entire family (BAIXERAS *et al.*, 2010).

BAIXERAS & KARSHOLT (2011) state that Tortricidae have always been remarkably stable at the family level. Although LINNAEUS (1758) did not assign taxa to the families we recognize today, he did recognize a 'tortricoid' concept, describing tortricid species in the "genus" *Phalaena Tortrix*. But Linnaeus misplaced a few tortricid species in his "genus" *Phalaena Tinea*. Later on, FABRICIUS (1775–1798) described most of his tortricid species in the genus *Pyrallis* Linnaeus, 1758 and reassigned most of the Linnaeus *Phalaena Tortrix* species to this genus. Following this, BAIXERAS & KARSHOLT (2011) conclude that the work by WERNEBURG (1864) was probably the first attempt to compare and standardize the familial status of the species described by these three and other contemporary authors; his tables of synonyms undoubtedly inspired subsequent authors.

Tortricid moths are also known as leafroller moths and are distributed throughout the world. This name has been applied to the family Tortricidae owing to the larval habit of shelter building by folding or rolling leaves of the food plant (BROWN *et al.*, 2008). However, the larvae of tortricids employ a wide range of feeding strategies, many divergent from the typical leaf-rolling habit (HORAK & BROWN, 1991; POWELL *et al.*, 1998). The larvae also feed as leaf-webbers, leaf-miners, gall-makers, stem, root, fruit and seed borers, flower-feeders, and tip-tiers. HORAK and BROWN (1991) postulate that detritus or mycelium feeding by a free-living larva may have been the ancestral condition. Some of the more unusual feeding modes in the family include leaf litter-feeding, feeding as inquilines in cynipid galls, and preying on coccids.

Tortricidae include many major pests of crops, forests, and ornamental plants (REGIER *et al.*, 2012). ZHANG (1994) lists 687 tortricids as economically important, holding the third place after the highly diverse Noctuidae with 1034 pest species, and Pyralidae and Crambidae with 748 recognized pest species (GILLIGAN *et al.*, 2010). After Pyralidae, Tortricidae has the highest number of alien Lepidoptera species in Europe: 10 out of 97 non-native Lepidoptera species belong to this family, and among these 10 alien species recorded in Europe, there are some economically important pests (LOPEZ-VAAMONDE *et al.*, 2010).

Since few large taxonomic groups within Tortricidae exhibit true host specialization, many of the registered species are known as important pests of agricultural, forest, and ornamental plants, or present very frequent and widespread minor pest species. Good examples are the oriental fruit moth *Grapholita molesta* (Busck, 1916), the European grapevine moth *Lobesia botrana* (Denis & Schiffermüller, 1775), the fruit tree tortrix moth *Archips podana* (Scopoli, 1763), the rose leaf roller *Archips rosana* (Linnaeus, 1758), the codling moth *Cydia pomonella* (Linnaeus, 1758), the pea moth *Cydia nigricana* (Fabricius, 1794), the chestnut and acorn moth *Cydia splendana* (Hübner, 1799), the European oak leafroller *Tortrix viridana* (Linnaeus, 1758), and *Argyrotaenia ljunghiana* (Thunberg, 1797), a pest on vines, maize plants, and fruit trees.

Although tortricids are known primarily as economically important pests, several tortricids have been used as biological control agents against invasive weeds, and many others have varying potential to inflict major damage on their respective weedy hosts (BROWN *et al.*, 2008).

Although research on Croatian micromoths has increased in the last decade, the fauna is quite understudied and there is no checklist of Microlepidoptera. Until now, only a few species lists of microlepidopterous families have been created. In 2019, the first checklist covering Pyralidae and Crambidae in Croatia was published (GUMHALTER, 2019). Then in 2023, a list of species from the families Micropterigidae, Eriocraniidae, Hepialidae, Nepticulidae, Opostegidae, Heliozelidae, Adelidae, Prodoxidae, Incurvariidae and Tischeriidae, and Alucitidae and Pterophoridae was published (GUMHALTER *et al.*, 2023).

Due to its geographic position through three biogeographic zones (Alpine Croatia, Mediterranean Croatia, and Continental Croatia), the country has great biological diversity (Fig. 1). Between the Mediterranean and Eurosibirian-North American biogeographic zone, lies the alpine karst area of central Croatia. Some parts of it belong to the Croatian part of the European "Alpine biogeographical region" (EEA 2012) and present a broad transitional zone of continental (Eurosiberian) and Mediterranean faunal elements (TVRTKOVIĆ *et al.*, 2015).

Since information about the occurrence and distribution of species occurring in Croatia is scattered in different museum collections and papers published over a period of more than 200 years, it is the aim of this paper to summarize all available data. The goal of the paper, then, is to improve the knowledge of the tortricid moth fauna in Croatia, increase the interest in this micromoth family, and finally, encourage future studies. Since Tortricidae include not only species of biological and ecological interest but also pest species that can cause economic damage, the existence of such a species list is significant, especially for state agencies regulating pest species, the dispersal of alien species, and so on. Future activities should be focused on the reconfirmation of species reported only in historical literature, as well as the examination of museum collections that hold material from Croatia.

MATERIALS AND METHODS

The present study is based primarily on literature data collected during extensive research on historical publications and recent papers on microlepidopterous families in Croatia. The species list has been complemented with results from the authors' own field surveys and information on the specimens in two Microlepidoptera collections - Koča and Igalffy held in CNHM in Zagreb.

Data from literature

The study of Lepidoptera in Croatia goes back more than 200 years, but the level of exploration varies. The research was done predominately in the coastal parts of Croatia, rarely including continental and alpine areas (DURBEŠIĆ, 2012). Only a few documents covering exclusively tortricid moths are available because research seldom included microlepidopterous families. To give a full overview, all the available literature since the beginnings of lepidopterological investigation in Croatia was reviewed.

Tortricidae was neglected not only in past research but also in recent investigations. During the last decades, tortricid species that are reported to be major pests with a negative economic impact in Croatia were often investigated to study biological control methods (PAJAČ *et al.*, 2011, 2012; BARIĆ & PAJAČ, 2010, 2012, etc.). Occasionally papers were published on different microlepidopterous families, sometimes also covering the family Tortricidae (HABELER, 2003; Fazekas, 2009; ŠUMPICH, 2013; KOREN 2015, 2018, etc.) or, rarely, newly discovered species (TREMATERRA & BALDIZZONE, 2004; ŠUMPICH, 2013; KOREN, 2016, etc.). Nonetheless, the distribution and conservational status of tortricid moths in Croatia are insufficiently known and need to be studied in detail.

In total, more than 300 literature sources were reviewed, records were extracted from almost 100 different historical documents and recent publications were also considered.

Unpublished field data

The list includes unpublished results from own field surveys. All specimens were caught with a UV light trap and deposited in the private collections of the specific author, the Natural History Museum, University of Oslo (NHMO) or the Pannon Institute in Pécs, Hungary. The identification of species was conducted using relevant taxonomic literature (RAZOWSKI, 2002, 2003). Dissections of genitalia were performed when necessary. Some of the specimens were also DNA-barcoded. The Barcode of Life Data System (BOLD) is an online workbench and database that supports the assembly and use of DNA barcode data. It gives information on the specimen identifier, taxonomy, specimen details, collection data and collection site, sequence information, specimen image details, and attribution details.

The first author collected a small number of moths in various parts of the country. The field trips took place at irregular intervals in 2018.

The second and third authors conducted field studies from May until June 2018 and 2019. They sampled their material mainly in Dalmatia, but the Lika region was also visited.

The fourth author collected moths on the island of Krk from 1968 until the present day. His findings until the year 2004 were previously published (TREMATERRA & BALDIZZONE, 2004) and listed as a literature reference. The rest of the unpublished results from

2004 until today were implemented in this list as their own collected material. Also, some unpublished findings from other locations in Croatia are included.

The fifth author conducted research in 1983, 1988, and 1996 in different localities in Croatia, all in the Mediterranean climatic region.

The sixth author collected material in different localities in Croatia, in all three climatic regions. He collected moths in 2001, 2008, 2013, 2015, and 2023.

Data from CNHM in Zagreb

The Lepidoptera collection from Croatian Natural History Museum (CNHM) in Zagreb holds material from different microlepidopterous families, all presented in three Microlepidoptera collections: the Koča collection, Igalffy collection, Locke collection and in the Kučinić Lepidopteran collection. During this research, the material held in the Koča collection and the Igalffy collection was used. The data from both collections was considered. The Locke collection was not examined as it has no available information on dates and localities.

The Croatian entomologist Gjuro Koča (1853–1924) collected and preserved more than 10,000 insect specimens from different localities in Croatia. The material is held in CNHM in Zagreb. More than 90% of the specimens from his butterfly and moth collection originate from Continental parts of Croatia (Fig. 1). His collection holds approximately 100 specimens of tortricid moths.

The specimens from the Igalffy collection were collected by the former museum advisor Konstantin Igalffy (1919–1998) and his father Imre Igalffy (1882–1963). His moth collection holds several hundred Microlepidoptera specimens. During an examination of his collection, a total of 19 species from the family Tortricidae were identified.



Fig. 1. Map showing the three biogeographical zones/regions in Croatia.

RESULTS

First species list of Tortricidae occurring in Croatia

A total of 416 species of tortricid moths registered in Croatia is presented. The taxonomic categories included in the list are subfamilies, tribes, genera, subgenera, and species. The genera and species are arranged alphabetically within the higher taxa. The family level classification follows REGIER *et al.* (2012). Each entry includes the author and year of publication.

For each species, a review of all available literature references is provided, starting from the oldest historical records to the recent ones. The names of many species in these papers are old, have become synonymous, and need to be updated. It should be noted that this list deals neither with the misidentification of species in the past nor with the issue of the possible extinction of species. For all records that are represented by vouchers, information on date and locality and the collection they are held in is provided. For some records name of the county is given (e.g. Lika-Senj = Lika - Senj County). If available, data on altitude and coordinates are also provided. For specimens that are stored in museum collections, the name of the precise collection is given. The list also has all findings of tortricid moths that have been posted on Lepiforum. The occurrence of all registered species was compared with the information published on the Fauna Europaea webpage. Finally, for every entry, information about its occurrence through the three biogeographical zones of Croatia is given.

The following abbreviations are used in the list:

According to Fauna Europaea species marked with

(*) are present in the fauna of Croatia

(**) are absent in the fauna of Croatia

(P) = Alpine Croatia

(M) = Mediterranean Croatia

(K) = Continental Croatia

NHMO = Natural History Museum, University of Oslo

CNHM = Croatian Natural History Museum

ZSM = Zoologische Staatssammlung München

TORTRICOIDEA

TORTRICIDAE

CHLIDANOTINAE

Polyorthini

Isotrias Meyrick 1895

***Isotrias hybridana* (Hübner, 1817); K, P, M (Fig. 2)

CARNELUTTI, 1994; HABELER, 2003; Krk, Kappelje, 01.05.2007, leg. Baldizzone, coll. Baldizzone; Krk, Mt. Hlam, Branušine, 180m, 09.06.2010, leg. Baldizzone, coll. Baldizzone; Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Aarvik., coll. NHMO; Zadar, Otrić, Velika Popina 1, 750m, 44.2572°N 16.0727°E, 28.05.2018, 2 ex., leg. Aarvik, coll. NHMO;

Zadar, Otrić, Velika Popina 2, 840m, 44.2572°N 16.0727°E, 28.05.2018, 7 ex., leg. Aarvik, coll. NHMO, 7 ex., leg. Berggren, coll. Berggren; Lika-Senj, Došen Dabar, Mt. Velebit, 942m, 44.556362, 15.118416, 05.07.2023 1 ex., leg. Graf, coll. Graf

Syn. *Sciaphila hybridana* (H.); MANN 1857

Syn. *Olindia hybridana* (Hübner, 1813); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896

Syn. *Anisotaenia hybridana* (Hübner, 1817); REBEL 1904, SCHAWERDA (1916, 1920, 1921)



Fig. 2. A specimen of *Isotrias hybridana* photographed on July 5th 2023 in Dabar, Došen Dabar, Mt. Velebit (photo: F. Graf).

**Isotrias rectifasciana* (Haworth, 1811); M

Krk, Kampilje, Matijev stan, 12.06.2013, leg. Baldizzone, coll. Baldizzone

Syn. *Penthina trifasciana* (Z.); MANN 1857

Syn. *Anisotaenia rectefasciana* (Hw.); REBEL 1904

Olindia Guenée, 1845

***Olindia schumacherana* (Fabricius, 1787); M

Syn. *Olindia ulmana* (Hübner, 1813); ABAFI-AIGNER *et al.* 1896

TORTRICINAE

Sparganothini

Sparganothis Hübner, 1825; M

***Sparganothis pilleriana* (Denis & Schiffermüller, 1775); TREMATERRA & BALDIZZONE 2004, GOMBOC & SULE 2022, Klek (Dalmatia), 01.07.1996, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 04.06.2018, 1 ex., leg. Aarvik, coll. NHMO

Syn. *Oenophthira pilleriana* (Denis & Schiffermüller, 1775); REBEL 1910, SCHAWERDA (1920, 1921)

Syn. *Oenectra pilleriana* (S.V.); MANN 1857

Syn. *Tortrix pilleriana* (Denis & Schiffermüller, 1775); MANN 1869, ABAFI-AIGNER *et al.* 1896

Archipini

Abrepagoge Razowski, 1992

***Abrepagoge treitschkeana* (Treitschke, 1835); M

Syn. *Tortrix treitschkeana* (Treitschke, 1829); ABAFI-AIGNER *et al.* 1896

Adoxophyes Meyrick, 1881

*****Adoxophyes orana*** (Fischer v. Röslerstamm, 1834); K

Syn. *Capua reticulana* Hb.; coll. Koča, Koča 1925

Aphelia Hübner, 1825

*****Aphelia euxina*** (Djakonov, 1929); M (Fig. 3, 4)

Split-Dalmatien, Zelovo, 1023m, 43.761280, 16.523166, 04.07.2023, 3 ex. leg. Graf, coll. Graf

Syn. *Djakonovia euxina* (Djakonov, 1929); HABELER 2003

*****Aphelia ferugana*** (Hübner, 1793); K, P, M

Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 31.05.2018, 1 ex., leg. Berggren, coll. Berggren, 1 ex., leg. Aarvik, coll. NHMO, 05.06.2018, 1 ex., leg. Berggren, coll. Berggren; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zadar, Kruševo E, 306m, 44.175422°N 15.666627°E, 09.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Aphelia ochreana* (Hübner, 1799); CARNELUTTI 1994, HABELER 2003

Syn. *Eulia ochreana* (Hübner, 1799); REBEL (1904, 1910), SCHAWERDA 1921

Syn. *Tortrix ochreana* (Hübner, 1813); MANN (1857, 1867, 1869), ABAFI-AIGNER et al. 1896

*****Aphelia viburnana*** (Denis & Schiffermüller, 1775); K, M

Syn. *Tortrix viburniana* (Fabricius, 1775); MANN (1857, 1869), ABAFI-AIGNER et al. 1896, REBEL (1903, 1904), KENNEL 1908-1921, coll. Koča, Koča 1925, DANIEL et al. 1951



Fig. 3. *Aphelia euxina* photographed on July 4th 2023 in Dalmatia (photo: F. Graf).



Fig. 4. The species *Aphelia euxina* from Dalmatia (photo: F. Graf).

Archips Hübner, 1825

*****Archips betulana*** (Hübner, 1787); M

Umag, 02.06.1988, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

*****Archips crataegana*** (Hübner, 1799); M

KOREN 2015, Klek (Dalmatia), 01.07.1996, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Krk, Punat-Stara Baška, Konobe, 26.05.2018, leg. Baldizzone, coll. Baldizzone

*****Archips podana*** (Scopoli, 1763); K, P, M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, KOREN 2015, Klek (Dalmatia), 01.07.1996, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Krk, 06.08.2001, 1 ex., leg. Graf

coll. Graf; Krk, Picik, 21.05.2018, leg. Baldizzone, coll. Baldizzone; Mestinjak, 18.08.2023, leg. Baldizzone, coll. Baldizzone; Zadar, Meka Draga, 120m, 44.1805°N 15.6174°E, 02.06.2018, 1 ex., leg. Berggren, coll. Berggren; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter

Syn. *Cacoecia podana* (Sc.); REBEL (1903, 1904, 1912, 1914), KENNEL 1908-1921, coll. Koča, Koča 1925, coll. Igalffy

Syn. *Tortrix podana* (Sc.); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896

****Archips rosana** (Linnaeus, 1758); K, P, M

CARNELUTTI 1994, HABELER 2003, KOREN 2015, GOMBOC & SULE 2022, Rabac, 22.06.1983, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Krk, Punat-Stara Baška, Konobe, 26.05.2018, leg. Baldizzone, coll. Baldizzone; Zadar, Zaton Obrovački, 210m, 44.2214°N 15.7115°E, 30.05.2018, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Meka Draga, 120m, 44.1805°N 15.6174°E, 02.06.2018, 2 ex., leg. Aarvik, coll. NHMO; Krk, Punat-Stara Baška, Hrusta, 230m, 04.06.2018, leg. Baldizzone, coll. Baldizzone; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter

Syn. *Cacoecia rosana* (L.); REBEL (1903, 1904, 1913), SCHAWERDA (1920, 1921), coll. Koča, Koča 1925, KLIMESCH 1942, coll. Igalffy

Syn. *Tortrix rosana* (Linnaeus, 1758); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896

Syn. *Tortrix laevigana* (S.V.); MANN 1857, REBEL 1891

Syn. *Tortrix oxyacanthana* (H.-S.); ABAFI-AIGNER *et al.* 1896

****Archips xylosteana** (Linnaeus, 1758); P, M

CARNELUTTI 1994, HABELER 2003, KOREN 2015, Krk, Branušine, Mt. Hlam, 180m, 09.06.2010, 22.06.2013, leg. Baldizzone, coll. Baldizzone; Krk, Punat-Stara Baška, Terstenova, 18.05.2018, leg. Baldizzone, coll. Baldizzone; Krk, Punat-Stara Baška, Konobe, 26.05.2018, leg. Baldizzone, coll. Baldizzone; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., barcoded, leg. Berggren, coll. Berggren

Syn. *Cacoecia xylosteana* (Linnaeus, 1758); STAUDER 1914, GINZBERGER 1916, SCHAWERDA (1916, 1920), KLIMESCH 1942

Syn. *Archips xylosteanus* (Linnaeus, 1758); TREMATERRA & BALDIZZONE 2004

Syn. *Tortrix xylosteana* (L.); MANN (1857, 1867, 1869), ABAFI-AIGNER *et al.* 1896

Argyrotaenia Stephens, 1852

****Argyrotaenia ljungiana** (Thunberg, 1797); M

CARNELUTTI 1994, HABELER 1998, HABELER 2003, TREMATERRA & BALDIZZONE 2004

Avaria Koçak, 1981

****Avaria hyerana** (Millière, 1858); M

Syn. *Dichelia hyerana* (Mill.); WOCKE 1871, KLIMESCH 1942

Syn. *Epagoge hyerana* (Mill.); KENNEL 1908-1921

Syn. *Tortrix hyerana* (Mill.); GEIGER 1873

Cacoecimorpha Obraztsov, 1954

****Cacoecimorpha pronubana** (Hübner, 1799); M

CARNELUTTI 1994, HABELER (1998, 2003), TREMATERRA & BALDIZZONE 2004, ŠUMPICH 2013, GOMBOC & SULE 2022, Imotski, 12.08.2008, 1 ex., leg. Graf, coll. Graf; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Tortrix pronubana* (Hübner, 1813); MANN (1857, 1869), REBEL 1891, ABAFI-AIGNER *et al.* 1896, GALVAGNI (1902, 1909), REBEL (1910, 1913, 1914), PROHASKA 1922, KLIMESCH 1942, NEUSTETTER 1956

Capua Stephens, 1834

*****Capua vulgana*** (Frölich, 1828); M

HABELER 2003, Zadar, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 1 ex., barcoded, leg. Berggren, coll. Berggren

Syn. *Sciaphila terreana* (Tr.); MANN 1857

Choristoneura Lederer, 1859*****Choristoneura diversana*** (Hübner, 1817); K, P, M

CARNELUTTI 1994, Klek, 01.07.1996, 4 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Syn. *Tortrix diversana* (Hübner, 1818); MANN (1857, 1867), ABAFI-AIGNER et al. 1896, REBEL 1904

*****Choristoneura hebenstreitella*** (Müller, 1764); K, P, M

HABELER 2003, Krk, Picik, 21.05.2018, leg. Baldizzone, coll. Baldizzone

Syn. *Cacoecia sorbiana* (Hb.); REBEL (1904, 1912, 1914), SCHAWERDA 1921, KLIMESCH 1942

Syn. *Tortrix sorbiana* (Hb.); MANN (1857, 1867, 1869), ABAFI-AIGNER et al. 1896

Clepsis Guenée, 1845*****Clepsis consimilana*** (Hübner, 1817); K, M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, GOMBOC & SULE 2022, Klek, 01.07.1996, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Šibenik, Drniš, 15.08.2001, 1 ex., leg. Graf, coll. Graf; Istria, Valica, 22.08.2001, 1 ex., leg. Graf, coll. Graf; Krk, Picik, 29.04.2007, 18.06.2019, leg. Baldizzone, coll. Baldizzone; Split, Srijane, 10.08.2008, 1 ex., leg. Graf, coll. Graf; Pelješac, Ston, 11.08.2008, 1 ex., leg. Graf, coll. Graf; Krk, Mestinjak, Mt. Hlam, 172m, 14.07.2010, leg. Baldizzone, coll. Baldizzone; Krk, Punat, Hrusta, 230m, 20.07.2017, leg. Baldizzone, coll. Baldizzone; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 29.05.2018, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Meka Draga, 120m, 44.1805°N 15.6174°E, 02.06.2018, 1 ex.; leg. Berggren, coll. Berggren; Brač, Vidova Gora, 680m, 43°17'29.4"N 16°36'32.4"E, 28.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex.; leg. Berggren, coll. Berggren, 2 ex., leg. Aarvik, coll. NHMO; Krk, Garica-Vrbnik, Kolmanica, 190m, 15.09.2019, leg. Baldizzone, coll. Baldizzone

Syn. *Tortrix consimilana* (Hb.); MANN 1857

Syn. *Cacoecia unifasciana* (Duponchel, 1836); GALVAGNI (1902, 1909), REBEL (1913, 1914), KLIMESCH 1942, coll. Igalffy

Syn. *Tortrix unifasciana* (Duponchel, 1836); MANN (1857, 1869), REBEL 1891, ABAFI-AIGNER et al. 1896

*****Clepsis dumicolana*** (Zeller, 1847); M

Syn. *Cacoecia dumicolana* (Z.); REBEL 1914

Syn. *Tortrix dumicolana* (Z.); MANN (1857, 1869), ABAFI-AIGNER et al. 1896

****Clepsis pallidana*** (Fabricius, 1776); K, P, M

CARNELUTTI 1994, HABELER (1998, 2003), TREMATERRA & BALDIZZONE 2004, Imotski, 12.08.2008, 1 ex., leg. Graf, coll. Graf; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 29.05.2018, 2 ex., leg. Aarvik, coll. NHMO; Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 31.05.2018, 2 ex., leg. Berggren, coll. Berggren, 05.06.2018, 2 ex., leg. Berggren, coll. Berggren; Zadar, Meka Draga, 120m, 44.1805°N 15.6174°E, 02.06.2018, 1 ex.; leg. Berggren, coll. Berggren; Zadar, Donji Karin, 0m, 44.13051°N 15.62049°E, 03.06.2018, 2 ex.; leg. Berggren, coll. Berggren; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex.; leg. Berggren, coll. Berggren; Zadar, Erslani N, 390m, 44.178164°N 15.662437°E, 11.06.2019, 1 ex.; leg. Berggren, coll. Berggren; Zadar, Matići, 186m, 44.196085°N 15.646325°E, 13.06.2019, 1 ex.; leg. Berggren, coll. Berggren

Syn. *Cacoecia strigana* (Hb.); REBEL (1903, 1904), GALVAGNI 1909, REBEL 1914, ZERNY 1920, coll. Koča, Koča 1925

Syn. *Tortrix strigana* (Hb.); MANN (1857, 1867, 1869), ABAFI-AIGNER *et al.* 1896

*****Clepsis rurinana*** (Linnaeus, 1758); K, P, M

HABELER 2003

Syn. *Cacoecia semialbana* (Gn.); REBEL (1904, 1912), SCHAWERDA 1920, coll. Koča, Koča 1925, coll. Igalffy

Syn. *Tortrix semialbana* (Guenée, 1845); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896

*****Clepsis senecionana*** (Hübner, 1819); P, M

Zadar, Mazin, 1050m, 44.4806°N 15.9893°E, 27.05.2018, 1 ex., leg. Berggren, coll. Berggren; Zadar, Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 1 ex.; leg. Berggren, coll. Berggren

Syn. *Tortrix rusticana* (Fr.); MANN 1857, REBEL 1895, ABAFI-AIGNER *et al.* 1896, REBEL (1904, 1910)

*****Clepsis spectrana*** (Tritschke, 1830); K

Syn. *Cacoecia costana* (F.); KOČA 1925

Dichelia Guenée, 1845

*****Dichelia histrionana*** (Frölich, 1828); K

Syn. *Cacoecia histrionana*; coll. Igalffy

Ditula Stephens, 1829

*****Ditula angustiorana*** (Haworth, 1811); M

Zadar, Mazin, 1050m, 44.4806°N 15.9893°E, 27.05.2018, 1 ex., 01.06.2018, 2 ex., leg. Aarvik, coll. NHMO

Syn. *Tortrix angustiorana* (Hw.); REBEL 1891

Syn. *Capua angustiorana* (Hw.); ABAFI-AIGNER 1903, REBEL 1914

Epagoge Hübner, 1825

*****Epagoge grotiana*** (Fabricius, 1781); K, P, M

REBEL 1910, CARNELUTTI 1994, HABELER 2003, ŠUMPICH 2013, GOMBOC & SULE 2022, Krk, Kampele, 01.05.2007, leg. Baldizzone, coll. Baldizzone; Krk, Branušine, Mt. Hlam, 180m, 09.06.2010, leg. Baldizzone, coll. Baldizzone; Lepiforum-Karlobag 03.06.2013, 1 ex., leg. Deutsch, coll. Deutsch; Krk, Punat-Stara Baška, Terstenova, 18.06.2013, leg. Baldizzone, coll. Baldizzone; Zadar, Otrić, Velika Popina 1, 750m, 44.2572°N 16.0727°E, 28.05.2018, 2 ex., leg. Berggren, coll. Berggren, 2 ex., leg. Aarvik, coll. NHMO; Zadar, Otrić, Velika Popina 2, 840m, 44.2572°N 16.0727°E, 28.05.2018, 2 ex., leg. Aarvik, coll. NHMO, 2 ex., leg. Berggren, coll. Berggren; Zadar, Zaton Obrovački, 210m, 44.2214°N 15.7115°E, 30.05.2018, 2 ex., leg. Aarvik, coll. NHMO; Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 31.05.2018, 1 ex., leg. Berggren, coll. Berggren, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Meka Draga, 120m, 44.1805°N 15.6174°E, 02.06.2018, 3 ex., leg. Aarvik, coll. NHMO; Krk, Punat-Stara Baška, Hrasta, 230m, 04.06.2018, leg. Baldizzone, coll. Baldizzone; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Dichelia grotiana* (F.); REBEL (1904, 1910), SCHAWERDA 1920, coll. Koča, Koča 1925, NEUSTETTER 1956

Syn. *Tortrix grotiana* (Fabricius, 1775); MANN (1857, 1867, 1869), ABAFI-AIGNER *et al.* 1896

Syn. *Epagoge artificana* (Herrich-Schäffer, 1849); KENNEL 1908-1921, CARNELUTTI 1994, HABELER 2003

Syn. *Dichelia artificana* (Herrich-Schäffer, 1849); WOCKE 1871, REBEL (1904, 1910, 1913), GINZBERGER 1916, SCHAWERDA (1920, 1921), PROHASKA 1922, REBEL 1924, KLIMESCH 1942, NEUSTETTER 1956

Epichoristodes Diakonoff, 1960

*****Epichoristodes acerbella*** (Walker, 1864);

GLAVENDEKIĆ 2006 (No exact locality given, thus climate region is unknown)

Lozotaeniodes Obratzsov, 1954

***Lozotaeniodes cupressana* (Duponchel, 1836); M

CARNELUTTI 1994, HABELER (1998, 2003), ŠUMPICH 2013, Krk, Garica-Vrbnik, Kolmanica, 190m, 15.09.2019, leg. Baldizzone, coll. Baldizzone

Syn. *Eulia cupressana* (Duponchel, 1836); SCHAWERDA 1921

Syn. *Lophoderus cupressana* (Dup.); WOCKE 1871

Syn. *Tortrix cupressana* (Dup.); MANN 1869, KENNEL 1908-1921

Pandemis Hübner, 1825

***Pandemis cerasana* (Hübner, 1786); K, P, M

MACELJSKI 1999

Syn. *Tortrix cerasana* (Hb.); MANN (1857, 1867, 1869)

Syn. *Pandemis ribeana* (Hb.); REBEL (1903, 1904), KENNEL 1908-1921, REBEL 1910, coll. Koča, Koča 1925, coll. Igalffy

Syn. *Tortrix ribeana* (Hübner, 1813); MANN (1857, 1867, 1869), ABAFI-AIGNER et al. 1896

***Pandemis cinnamomeana* (Treitschke, 1830); K, M

REBEL 1904, KOČA 1925

Syn. *Tortrix cinnamomeana* (Tr.); MANN 1857, ABAFI-AIGNER et al. 1896

***Pandemis corylana* (Fabricius, 1794); K, M

REBEL 1904, KENNEL 1908-1921, HABELER 2003

Syn. *Tortrix corylana* (Fab.); MANN 1869, coll. Igalffy

***Pandemis dumetana* (Treitschke, 1835); K, M

GOMBOC & SULE 2022

Syn. *Tortrix dumetana* (Tr.); MANN 1869, REBEL 1904, KENNEL 1908-1921, coll. Koča, Koča 1925, coll. Igalffy

***Pandemis heparana* (Denis & Schiffermüller, 1775); K, P, M

REBEL (1903, 1904), KENNEL 1908-1921, coll. Koča, Koča 1925, MACELJSKI 1999, Umag, 02.06.1988, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Syn. *Tortrix heparana* (Denis & Schiffermüller, 1775); MANN (1857, 1867, 1869), ABAFI-AIGNER et al. 1896

Paramesia Stephens, 1829

***Paramesia gnomana* (Clerck, 1759); K, M

Pelješac, Ston, 16.08.2001, 1 ex., leg. Graf, coll. Graf

Syn. *Dichelia gnomana* (Clerck, 1759); REBEL (1903, 1904), SCHAWERDA 1921, coll. Koča

Syn. *Tortrix gnomana* (Clerck, 1759); MANN 1857, ABAFI-AIGNER et al. 1896

Periclepsis Bradley, 1977

***Periclepsis cinctana* (Denis & Schiffermüller, 1775); P, M

Syn. *Tortrix cinctana* (Denis & Schiffermüller, 1775); MANN (1867, 1869), ABAFI-AIGNER et al. 1896

Philedone Hübner, 1825

***Philedone gerningana* (Denis & Schiffermüller, 1775); K, P, M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, Istria, Valica, 22.08.2001, 1 ex., leg. Graf, coll. Graf; Lika-Senj, Bužim, 08.08.2008, 1 ex., leg. Graf, coll. Graf

Syn. *Amphisa gerningana* (Denis & Schiffermüller, 1775); MANN 1857, REBEL (1903, 1904, 1914)

Syn. *Tortrix gerningana* (Denis & Schiffermüller, 1775); MANN (1867, 1869), ABAFI-AIGNER et al. 1896

Philedonides Obraztsov, 1954

***Philedonides rhombicana* (Herrich-Schäffer, 1851); M

KENNEL 1908-1921

Syn. *Tortrix rhombicana* (H.S.); MANN 1869

Pseudeulia Obraztsov, 1954

***Pseudeulia asinana* (Hübner, 1799); K, M

Lepiforum-Rovinj 30.06.1997, 1 ex., leg. Deutsch, coll. Deutsch

Syn. *Eulia asinana* (Hübner, 1799); PROHASKA 1922

Syn. *Tortrix asinana* (Hübner, 1813); ABAFI-AIGNER *et al.* 1896, KENNEL 1908-1921

Ptycholoma Stephens, 1829

***Ptycholoma lecheana* (Linnaeus, 1758); K, P, M

Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Aarvik., coll. NHMO

Syn. *Tortrix leacheana* (Linnaeus, 1758); MANN 1857, ABAFI-AIGNER *et al.* 1896

Syn. *Cacoecia leacheana* (Linnaeus, 1758); REBEL 1904, coll. Koča, Koča 1925

Sydemis Hübner, 1825

***Sydemis musculana* (Hübner, 1799); K, P, M

KOREN 2015, Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Berggren, coll. Berggren; Zadar, Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 3 ex., leg. Berggren, coll. Berggren

Syn. *Sciaphila musculana* (Hb.); MANN 1857

Syn. *Cacoecia musculana* (Hb.); REBEL (1903, 1904), coll. Koča, Koča 1925

Syn. *Tortrix musculana* (Hübner, 1813); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896

Tosirips Razowski, 1987

***Tosirips magyarus* (Razowski, 1987); M

HABELER 2003, Krk, Punat-Stara Baška, Konobe, 26.05.2018, leg. Baldizzone, coll. Baldizzone; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., barcoded, leg. Berggren, coll. Berggren; Krk, Punat, Negrit, 177m, 08.06.2021, leg. Baldizzone, coll. Baldizzone

Zelotherses Lederer, 1859

***Zelotherses paleana* (Hübner, 1793); K, P, M

Rabac, 22.06.1983, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Syn. *Tortrix paleana* (Hübner, 1813); ABAFI-AIGNER *et al.* 1896, REBEL 1904

Syn. *Tortrix flavana* (Hb.); MANN 1867

Cnephasiini

***Cnephasia (Cnephasia) alticolana* (Herrich-Schäffer, 1851); K, M

Koča 1925, coll. Koča, coll. Igalffy, Zadar, Zaton Obrovački, 210m, 44.2214°N 15.7115°E, 30.05.2018, 1 ex., barcoded, leg. Berggren, coll. Berggren; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., barcoded, leg. Berggren, coll. Berggren; Zadar, Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 1 ex., dissected, leg. Aarvik, coll. NHMO

***Cnephasia (Cnephasia) asseclana* (Denis & Schiffermüller, 1775); K, P, M

CARNELUTTI 1994, Krk, Picik, 05.05.2008, leg. Baldizzone, coll. Baldizzone; Krk, Punat-Stara Baška, Konobe, 26.05.2018, leg. Baldizzone, coll. Baldizzone; Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 2 ex., barcoded, leg. Berggren, coll. Berggren

Syn. *Sciaphila virgaureana* (Tr.); MANN (1857, 1867, 1869)

Syn. *Sciaphila wahlbomiana* (Linnaeus, 1758); MANN (1857, 1867, 1869), ABAFI-AIGNER *et al.* 1896

Syn. *Cnephasia wahlbomiana* (L.); REBEL 1910, coll. Koča, Koča 1925, coll. Igalffy

Syn. *Cnephasia incertana var. minorana* (HS); MANN 1867, coll. Koča

*****Cnephasia (Cnephasia) bizensis*** (Razowski, 1953); M

TREMATERRA & BALDIZZONE 2004, Krk, Vrbnik, Potovošće, 07.06.2010, leg. Baldizzone, coll. Baldizzone; Krk, Punat, Stara Baška, Hrusta, 230m, 25.06.2016, 04.06.2018, leg. Baldizzone, coll. Baldizzone

*****Cnephasia (Cnephasia) chrysantheana*** (Duponchel, 1843); K, P, M

MANN 1867, KOČA 1925

Syn. *Sciaphila chrysantheana* (Duponchel, 1843); MANN 1869, ABAFI-AIGNER et al. 1896

*****Cnephasia (Cnephasia) communana*** (Herrich-Schäffer, 1851); K, P, M

ABAFI-AIGNER et al. 1896, HABELER 2003, TREMATERRA & BALDIZZONE 2004, Rabac, 22.06.1983, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Zagreb, Jarun, 119m, 45°46'38.6"N 15°55'04.5"E, 16.06.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., barcoded, leg. Berggren, coll. Berggren; Zadar, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 2 ex., barcoded, leg. Berggren, coll. Berggren; Zadar, Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 1 ex., dissected, leg. Aarvik, coll. NHMO

Syn. *Sciaphila communana* (Herrich-Schäffer, 1851); MANN (1857, 1867, 1869)

****Cnephasia (Cnephasia) cupressivorana*** (Staudinger, 1871); M

WOCKE 1871, ABAFI-AIGNER 1903, GALVAGNI 1909, REBEL 1913, PROHASKA 1922, HABELER 2003, TREMATERRA & BALDIZZONE 2004, Krk, Picik, 02.05.2004, leg. Baldizzone, coll. Baldizzone; Krk, Paprata, 04.05.2004, leg. Baldizzone, coll. Baldizzone

Syn. *Tortrix cupressivorana* (Stgr.); KENNEL 1908-1921

****Cnephasia (Cnephasia) ecullyana*** (Réal, 1951); M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, GOMBOC & SULE 2022, Krk, Punat-Stara Baška, Terstenova, 18.06.2013, leg. Baldizzone, coll. Baldizzone; Krk, Branušine, Mt. Hlam, 180m, 22.06.2013, leg. Baldizzone, coll. Baldizzone; Krk, Punat-Stara Baška, Hrusta, 230m, 26.05.2017, leg. Baldizzone, coll. Baldizzone; Krk, Punat-Stara Baška, Konobe, 26.05.2018, leg. Baldizzone, coll. Baldizzone; Kampelje, Bačini Drmuni, 04.09.2023, 1 ex, leg. Baldizzone, coll. Baldizzone; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 29.05.2018, 1 ex., leg. Berggren, coll. Berggren, 1 ex., leg. Aarvik, coll. NHMO, 04.06.2018, 1 ex., leg. Aarvik, coll. NHMO, 4 ex., leg. Berggren, coll. Berggren; Zadar, Meka Draga, 120m, 44.1805°N 15.6174°E, 02.06.2018, 4 ex., leg. Berggren, coll. Berggren, 4 ex., leg. Aarvik, coll. NHMO; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 3 ex., barcoded, leg. Berggren, coll. Berggren, 1 ex., barcoded, leg. Aarvik, coll. NHMO; Zadar, Kruševo E, 306m, 44.175422°N 15.666627°E, 09.06.2019, 1 ex., dissected, leg. Aarvik, coll. NHMO; Krk, Čižići-Omišalj, 13.06.2019, leg. Baldizzone, coll. Baldizzone; Zadar, Zaton Obrovački, 152m, 44.249957°N 15.680583°E, 16.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zadar, Marinovići, 493m, 44.153358°N 15.685482°E, 17.06.2019, 1 ex., barcoded, leg. Berggren, coll. Berggren; Zadar, Vir, 0m, 44.282802°N 15.127520°E, 18.06.2019, 1 ex., leg. Berggren, coll. Berggren, 1 ex., leg. Aarvik, coll. NHMO

*****Cnephasia (Cnephasia) fragosana*** (Zeller, 1847); M

Syn. *Sciaphila fragosana* (Z.); MANN 1857

*****Cnephasia (Cnephasia) genitalana*** (Pierce & Metcalfe, 1922); M

Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., barcoded, leg. Berggren, coll. Berggren, 1 ex., dissected, leg. Aarvik, coll. NHMO; Zadar, Marinovići, 493m, 44.153358°N 15.685482°E, 17.06.2019, 1 ex., barcoded, leg. Berggren, coll. Berggren

*****Cnephasia (Cnephasia) gueneana*** (Duponchel, 1836); M

Syn. *Sciaphila segetana* (Zeller, 1847); ABAFI-AIGNER et al. 1896

*****Cnephasia (Cnephasia) heinemanni*** (Obraztsov, 1956); M

Syn. *Cnephasia monochromana* (Heinemann, 1863); SCHAWERDA 1921, PROHASKA 1922

Syn. *Sciaphila monochromana* (Mn.); MANN 1869, WOCKE 1871

Syn. *Tortrix monochromana* (Hein.); KENNEL 1908-1921

**Cnephasia (Cnephasia) longana* (Haworth, 1811); K, M

GALVAGNI 1902, ABAFI-AIGNER 1903, REBEL (1904, 1910, 1913), SCHAWERDA (1920, 1921), KLIMESCH 1942, coll. Igalffy, HABELER 1998, MACELJSKI 1999, HABELER 2003, TREMATERRA & BALDIZZONE 2004

Syn. *Sciaphila longana* (Haworth, 1811); ABAFI-AIGNER *et al.* 1896

Syn. *Tortrix longana* (Hw.); KENNEL 1908-1921

Syn. *Sciaphila luridalbana* (Haworth, 1811); MANN 1869, WOCKE 1871

Syn. *Sciaphila insolatana* (HS.); MANN 1857, WOCKE 1871

***Cnephasia (Cnephasia) minima* (Razowski, 1959); M

HABELER 2003

***Cnephasia (Cnephasia) orientana* (Alphéraky, 1876); M

HABELER (2001, 2003)

***Cnephasia (Cnephasia) oxyacanthana* (Herrich-Schäffer, 1851); P, M

MANN 1867

Syn. *Sciaphila oxyacanthana* (H.S.); (MANN 1857, 1869)

***Cnephasia (Cnephasia) pasiuana* (Hübner, 1799); M

HABELER 2003, Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., barcoded, leg. Berggren, coll. Berggren

Syn. *Sciaphila pasivana* (Hübner, 1813); MANN (1857, 1869), ABAFI-AIGNER *et al.* 1896

***Cnephasia (Cnephasia) sedana* (Constant, 1884); M

near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 29.05.2018, 1 ex., barcoded, leg. Berggren, coll. Berggren, 3 ex., leg. Aarvik, coll. NHMO, 14.06.2019, 2 ex., leg. Berggren, coll. Berggren

***Cnephasia (Cnephasia) stephensiana* (Doubleday, 1849); M

HABELER 2003, Krk, Čizići-Omišalj, 13.06.2019, leg. Baldizzone, coll. Baldizzone; Zadar, Maticići, 186m, 44.196085°N 15.646325°E, 13.06.2019, 1 ex., leg. Aarvik, coll. NHMO

Cnephasia subg. *Cnephasiella* Adamczewski, 1935

***Cnephasia (Cnephasiella) abrasana* (Duponchel, 1843); K, P, M

REBEL (1904, 1913, 1924), coll. Koča, KOČA 1925, TREMATERRA & BALDIZZONE 2004, Krk, Picik, 02.05.2004, 05.05.2008, leg. Baldizzone, coll. Baldizzone; Krk, Punat, Hrsta, 24.05.2004, 26.05.2004, 27.05.2004, leg. Baldizzone, coll. Baldizzone

Syn. *Sciaphila abrasana* (Duponchel, 1843); MANN (1857, 1867, 1869), REBEL 1895, ABAFI-AIGNER *et al.* 1896

**Cnephasia (Cnephasiella) incertana* (Treitschke, 1835); K, M

MANN 1867, ABAFI-AIGNER *et al.* 1896, REBEL 1904, GALVAGNI 1909, REBEL 1910, coll. Koča, KOČA 1925, CARNELUTTI 1994, HABELER 2003, Klek, 01.07.1996, 2 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Krk, Njivice, Jezero, 08.05.2008, leg. Baldizzone, coll. Baldizzone

Syn. *Sciaphila incertana* (Tr.); MANN 1869

Syn. *Sciaphila minusculana* (Z.); MANN 1857

Doloploca Hübner, 1825

***Doloploca punctulana* (Denis & Schiffermüller, 1775); M

MANN 1869, ABAFI-AIGNER *et al.* 1896

Syn. *Torticodes punctulana* (S. V.); MANN 1857

Eana Billberg, 1820

Eana subg. *Eana* Billberg, 1820

***Eana (Eana) penziana* (Thunberg, 1791); M

Syn. *Sciaphila penziana* (Thunberg & Becklin, 1791); MANN 1857, ABAFI-AIGNER et al. 1896
Eana subg. *Eutrachia* Hübner, 1822

*****Eana (Eutrachia) argentana*** (Clerck, 1759); K, P, M

Syn. *Cnephasia argentana* (Cl.); REBEL (1904, 1910), SCHAWERDA 1920

Syn. *Sciaphila argentana* (Clerck, 1759); ABAFI-AIGNER et al. 1896

*****Eana (Eutrachia) osseana*** (Scopoli, 1763); P, M

Syn. *Sciaphila osseana* (Scopoli, 1763); MANN (1867, 1869), ABAFI-AIGNER et al. 1896

Syn. *Tortrix osseana* (Scop.); KENNEL 1908-1921

Eana subg. *Subeana* Obraztsov, 1962

*****Eana (Subeana) canescana*** (Guenée, 1845); K, P, M

Lika-Senj, Bužim, 08.08.2008, 1 ex., leg. Graf, coll. Graf

Syn. *Cnephasia canescana* (Guenée, 1845); REBEL (1904, 1913), SCHAWERDA 1921

Neosphaleroptera Réal, 1953

****Neosphaleroptera nubilana*** (Hübner, 1799); K, P, M

CARNELUTTI 1994, HABELER 2003

Syn. *Sciaphila nubilana* (Hübner, 1813); MANN (1857, 1867, 1869), ABAFI-AIGNER et al. 1896

Syn. *Cnephasia nubilana* (Hb.); SCHAWERDA 1921, KLIMESCH 1942

Syn. *Tortrix nubilana*; coll. Igalffy

Propiromorpha Obraztsov, 1955

*****Propiromorpha rhodophana*** (Herrich-Schäffer, 1851); M (Fig. 5)

HABELER 2003, TREMATERRA & BALDIZZONE 2004, ŠUMPICH 2013, GOMBOC & SULE 2022, Krk, 06.08.2001, 1 ex., leg. Graf, coll. Graf; Split, Vrlika, 18.08.2001, 1 ex., leg. Graf, coll. Graf; Krk, Kampilje, 28.07.2005, leg. Baldizzone, coll. Baldizzone; Pelješac, Ston, 11.08.2008, 1 ex., leg. Graf, coll. Graf; Dalmatia, Omiš, 11.08.2015, 1 ex., leg. Graf, coll. Graf; Krk, Punat-Stara Baška, Konobe, 26.05.2018, leg. Baldizzone, coll. Baldizzone; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 29.05.2018, 2 ex., leg. Aarvik, coll. NHMO, 04.06.2018, 2 ex., leg. Aarvik, coll. NHMO, 4 ex., leg. Berggren, coll. Berggren; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex. leg. Gumhalter, coll. Gumhalter; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 3 ex., leg. Berggren, coll. Berggren, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Kruševo E, 306m, 44.175422°N 15.666627°E, 09.06.2019, 1 ex., leg. Aarvik, coll. NHMO

Syn. *Penthina rhodophana* (H. Sch.); MANN 1857

Syn. *Conchylis rhodophana* (H.S.); MANN 1869



Fig. 5. A specimen of *Propiromorpha rhodophana* (photo: F. Graf).

Syn. *Eulia rodophana* (HS.); ABAFI-AIGNER 1903, GALVAGNI 1909, REBEL 1903, GINZBERGER 1916, REBEL 1919

Syn. *Lophoderus rhodophana* (HS.); WOCKE 1871

Tortricodes Guenée, 1845

***Tortricodes alternella* (Denis & Schiffermüller, 1775); K, M

HABELER 2003, KOREN 2015

Syn. *Cheimatophila tortricella* (Hübner, 1813); ABAFI-AIGNER *et al.* 1896, REBEL (1913, 1924), coll. Koča, KOČA 1925, KLIMESCH 1942

Xerocnephasia Leraut, 1979

***Xerocnephasia rigana* (Sodoffsky, 1829); P, M

TREMATERRA & BALDIZZONE 2004, ŠUMPICH 2013, Krk, Čiziči-Omišalj, 23.04.2006, leg. Baldizzone, coll. Baldizzone; Krk, Kampelje, Matijev stan, 111m, 10.07.2010, leg. Baldizzone, coll. Baldizzone; Krk, Garica-Vrbnik, Kolmanica, 190m, 02.07.2016, 01.08-2017, 16.06.2018, 21.07.2019, leg. Baldizzone, coll. Baldizzone; Krk, Mt. Hlam, Mestinjak, 172m, 07.07.2016, leg. Baldizzone, coll. Baldizzone; Zadar, Meka Draga, 120m, 44.1805°N 15.6174°E, 02.06.2018, 1 ex., leg. Aarvik, coll. NHMO; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 14.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Propiomorpha rigana* (Sodoffsky, 1829); HABELER 2003

Syn. *Eulia rigana* (Sodof.); HOFFMANN 1917, SCHAWERDA 1921

Syn. *Trachysmia rigana* (Sodoffsky, 1829); MANN 1857

Syn. *Tortrix rigana* (Sodoffsky, 1829); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896

Tortricini

Acleris Hübner, 1825

**Acleris aspersana* (Denis & Schiffermüller, 1775); P, M

HABELER 2003, Gorski kotar, GOLIK, 07.08.2008, 1 ex., leg. Graf, coll. Graf

Syn. *Teras aspersana* (Hübner, 1813); MANN (1857, 1867, 1869), ABAFI-AIGNER *et al.* 1896, KENNEL 1908-1921

**Acleris bergmanniana* (Linnaeus, 1758); M

Syn. *Tortrix bergmanniana* (Linnaeus, 1758); MANN (1857, 1869), ABAFI-AIGNER *et al.* 1896, REBEL 1904, KENNEL 1908-1921, REBEL 1913, SCHAWERDA 1920

**Acleris boscanoides* (Razowski, 1959); M

KARISCH & STĂNESCU 2005

***Acleris cristana* (Denis & Schiffermüller, 1775); M

Krk, Poljica, 22.04.2006, leg. Baldizzone, coll. Baldizzone, det. Nel; Krk, Poljica-Uvala Čavlena, 30.08.2018, 21.08.2023, leg. Baldizzone, coll. Baldizzone, 2 ex.; Krk, Hlam, Branušine, 180m, 16.07.2015, leg. Baldizzone, coll. Baldizzone, det. Nel

***Acleris ferrugana* (Denis & Schiffermüller, 1775); K, M

HABELER 2003, KOREN 2015

Syn. *Teras ferrugana* (S.V.); Mann 1857, Abafi-Aigner *et al.* 1896

Syn. *Acala ferrugana* (Tr.); coll. Koča, Koča 1925

***Acleris fimbriana* (Thunberg, 1791); K, M

Syn. *Acalla fimbriana* (Thunbg.); PROHASKA 1922, coll. Igalffy

***Acleris forsskaleana* (Linnaeus, 1758); P, M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, Krk, Poljica-Uvala Čavlena, 27.07.2007, leg. Baldizzone, coll. Baldizzone; Krk, Mestinjak, 172m, 14.07.2010, leg. Baldizzone, coll. Baldizzone; Krk, Punat-Stara Baška, Trstenova, 18.06.2013, leg. Baldizzone, coll. Baldizzone; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Berggren, coll. Berggren, 1 ex., leg. Aarvik, coll. NHMO

- Syn. *Tortrix forskaleana* (Linnaeus, 1758); MANN (1857, 1867, 1869)
 Syn. *Cacoecia forskaelana* (L.); KLIMESCH 1942
 Syn. *Teras forskaleana* (Linnaeus, 1758); ABAFI-AIGNER et al. 1896
- **Acleris hastiana** (Linnaeus, 1775); M
 GILLIGAN et al. 2020
 Syn. *Tortrix hastiana* (S.V.); MANN 1869
 Syn. *Rhyacionia hastiana* (Hübner, 1813); MANN 1857, WOCKE 1871, ABAFI-AIGNER et al. 1896, SCHAWERDA 1921
- **Acleris holmiana** (Linnaeus, 1758); P, M
 HABELER 2003
 Syn. *Acalla holmiana* (L.); REBEL 1903
 Syn. *Tortrix holmiana* (Linnaeus, 1758); MANN (1857, 1867, 1869)
 Syn. *Teras holmiana* (Linnaeus, 1758); ABAFI-AIGNER et al. 1896
- **Acleris hyemana** (Haworth, 1811); M
 Syn. *Cheimatophila hyemana* (Hb.); MANN 1857
- **Acleris kochiella** (Goeze, 1783); P, M
 CARNELUTTI 1994, HABELER 2003, Krk, Kampilje, 21.07.2008, leg. Baldizzone, coll. Baldizzone
 Syn. *Acalla boscana* (F.); REBEL 1903, PROHASKA 1922
 Syn. *Teras boscana* (Fabricius, 1775); MANN (1857, 1867, 1869), ABAFI-AIGNER et al. 1896
- **Acleris laterana** (Fabricius, 1794); M
 Syn. *Teras abildgaardana*; MANN 1857
 Syn. *Eccopsis latifasciana* (Hw.); MANN 1869
- **Acleris literana** (Linnaeus, 1758); M
 HABELER 2003, Mt. Učka, 100m, 04.08.1975, 16 ex.; 17.08.1983, 2 ex., leg. Baldizzone, coll. Baldizzone; Krk, Branušine, Mt. Hlam, 180m, 22.06.2013, leg. Baldizzone, coll. Baldizzone, det. Nel
 Syn. *Teras literana* (L.); ABAFI-AIGNER et al. 1896
- **Acleris logiana** (Clerck, 1759); M
 Syn. *Teras longiana* (Denis & Schiffermüller, 1775); ABAFI-AIGNER et al. 1896
- **Acleris notana** (Donovan, 1806); M
 CARNELUTTI 1994
- *Acleris permutana** (Duponchel, 1836); M
 HABELER 2003
 Syn. *Acalla permutana* (Dup.); KENNEL 1908-1921
 Syn. *Teras permutana* (Duponchel, 1836); MANN (1857, 1869), ABAFI-AIGNER et al. 1896
- **Acleris quercinana** (Zeller, 1849); K, P, M
 CARNELUTTI 1994, HABELER 2003, Zadar, Otrić, Velika Popina 3, 1093m, 44.261382° N6.103147° E, 12.06.2019, 1 ex., leg. Berggren, coll. Berggren
 Syn. *Acalla quercinana* (Zeller, 1849); REBEL (1904, 1913), coll. Koča, Koča 1925
 Syn. *Tortrix quercinana* (Zll.); MANN (1867, 1869)
 Syn. *Teras quercinana* (Zeller, 1849); MANN 1857, ABAFI-AIGNER et al. 1896
- **Acleris rhombana** (Denis & Schiffermüller, 1775); M
 CARNELUTTI 1994, HABELER 2003, KOREN 2015, GOMBOC & SULE 2022
- **Acleris schalleriana** (Linnaeus 1761); M
 CARNELUTTI 1994
 Syn. *Teras tristana* (Hübner, 1799); MANN 1857
 Syn. *Peronea jogiana gemmarana* (Fröl.); KLIMESCH 1942

*****Acleris sparsana*** (Denis & Schiffermüller, 1775); K, P, M

HABELER 2003, Lika-Senj, Bužim, 08.08.2008, 1 ex., leg. Graf, coll. Graf; Krk, Hlam, Branušine, 180m, 14.08.2015, leg. Baldizzone, coll. Baldizzone, det. Nel

Syn. *Tortrix favillaceana* (Hübner, 1813); MANN (1857, 1867, 1869), ABAFI-AIGNER *et al.* 1896

Syn. *Teras sponsana* (Fabricius, 1775); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896

Syn. *Acalla sponsana* (F.); KENNEL 1908-1921, coll. Koča, Koča 1925

*****Acleris variegana*** (Denis & Schiffermüller, 1775); K, P, M (Fig. 6)

CARNELUTTI 1994, HABELER 1998, 2003, GOMBOC & SULE 2022, Rabac, 22.06.1983, 2 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Split, Budimir, 14.08.2001, 1 ex., leg. Graf, coll. Graf; Krk, Punat, Hrasta, 26.05.2017, leg. Baldizzone, coll. Baldizzone; Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Aarvik., coll. NHMO, 1 ex., leg. Berggren, coll. Berggren; Zadar, Meka Draga, 120m, 44.1805°N 15.6174°E, 02.06.2018, 1 ex., leg. Berggren, coll. Berggren; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 3 ex., leg. Berggren, coll. Berggren; Zadar, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 1 ex., leg. Aarvik, coll. NHMO

Syn. *Acalla variegana* (Denis & Schiffermüller, 1775); GALVAGNI 1902, REBEL 1913, KENNEL 1908-1921, SCHAWERDA (1920, 1921), coll. Koča, Koča 1925

Syn. *Peronea variegana* (Schiff.); KLIMESCH 1942

Syn. *Teras variegana* (Denis & Schiffermüller, 1775); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896



Fig. 6. *A. variegana* from Prezid, Mt. Velebit, Croatia (photo: P. K. Slagsvold).

Aleimma Hübner, 1825*****Aleimma loeflingiana*** (Linnaeus, 1758); K, P, M

HABELER 2003, CARNELUTTI 1994, KOREN 2015, Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 31.05.2018, 1 ex., leg. Berggren, coll. Berggren; Zadar, Meka Draga, 120m, 44.1805°N 15.6174°E, 02.06.2018, 1 ex., leg. Berggren, coll. Berggren; Zagreb, Jarun, 119m, 45°46'38.6"N 15°55'04.5"E, 16.06.2018, 1 ex., leg. Gumhalter, coll. Gumhalter

Syn. *Tortrix loeflingiana* (Linnaeus, 1758); MANN (1857, 1867, 1869), ABAFI-AIGNER *et al.* 1896, ABAFI-AIGNER 1903, REBEL (1904, 1913), coll. Koča, Koča 1925, KLIMESCH 1942

Tortrix Linnaeus, 1758*****Tortrix viridana*** (Linnaeus, 1758); K, P, M

MANN (1857, 1867, 1869), REBEL (1903, 1904, 1912), STAUDER 1914, SCHAWERDA (1920, 1921), PROHASKA 1922, KLIMESCH 1942, CARNELUTTI 1994, HABELER 2003, KOREN 2015, KOREN & GOMBOC 2017, Zagreb, Jarun, 119m, 45°46'38.6"N 15°55'04.5"E, 20.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter

Cochylini

Aethes Billberg, 1820

***Aethes beatricella* (Walsingham, 1898); P

Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., barcoded, leg. Berggren, coll. Berggren

**Aethes bilbaensis* (Rössler, 1877); M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, Krk, 06.08.2001, 1 ex., leg. Graf, coll. Graf; Krk, Mt. Hlam, Branušine, 180m, 29.07.2008, leg. Baldizzone, coll. Baldizzone; Imotski, 12.08.2008, 1 ex., leg. Graf, coll. Graf; Krk, Mt. Hlam, Branušine, 180m, 13.08.2015, leg. Baldizzone, coll. Baldizzone; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 04.06.2018, 1 ex., barcoded, leg. Berggren, coll. Berggren; Lepiforum-Rogoznica, 04.08.2019, 1 ex., leg. Kosorin, coll. Kosorin

Syn. *Lozopera bilbaensis* (Kennel, 1913); ZERNY 1920, KENNEL 1908-1921

Syn. *Lozopera mediterranea* (Rebel, 1906); REBEL 1916, SCHAWERDA 1921

***Aethes caucasica* (Amsel, 1959); M

Split, Zelovo, 1023m, 43.761280, 16.523166, 04.07.2023, 1 ex., leg. Graf, coll. Graf

***Aethes dilucidana* (Stephens, 1852); M

HABELER 2003

***Aethes flagellana* (Duponchel, 1836); M

Syn. *Conchylis flagellana* (Duponchel, 1836); REBEL 1891

Syn. *Coccyx flagellana*; MANN 1857

Syn. *Lozopera flagellana* (Dup.); ABAFI-AIGNER 1903

***Aethes francillana* (Fabricius, 1794); K, P, M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, ŠUMPICH 2013, Pelješac, Ston, 16.08.2001, 1 ex., leg. Graf, coll. Graf; Krk, Soline, 13.08.2007, leg. Baldizzone, coll. Baldizzone; Krk, Mt. Hlam, Branušine, 180m, 18.08.2015, leg. Baldizzone, coll. Baldizzone

Syn. *Lozopera francillana* (Fabricius, 1774); REBEL 1904, GALVAGNI 1909, REBEL 1919, KLIMESCH 1942, NEUSTETTER 1956

Syn. *Cochylis francillana* (Fabricius, 1775); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896

***Aethes hartmanniana* (Clerck, 1758); K, P, M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Berggren, coll. Berggren; Zadar, Otrić, Velika Popina 2, 840m, 44.2572°N 16.0727°E, 28.05.2018, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Mazin, 1050m, 44.4806°N 15.9893°E, 01.06.2018, 1 ex., leg. Berggren, coll. Berggren; Zagreb, Jarun, 119m, 45°46'38.6"N 15°55'04.5"E, 16.06.2018, 1 ex., leg. Gumhalter, coll. Gumhalter, Zadar, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Conchylis baumanniana* (S.V.); MANN (1867, 1869)

Syn. *Argyrolepis baumanniana*; MANN 1857

Syn. *Penthina hartmanniana* (Linnaeus, 1761); MANN 1869

Syn. *Cochylis hartmanniana* (Clerck, 1759); ABAFI-AIGNER *et al.* 1896, REBEL (1904, 1910), SCHAWERDA (1920, 1921), REBEL 1924, KOČA 1925, coll. Koča

Syn. *Phalonia hartmanniana* (Cl.); KENNEL 1908-1921

***Aethes kindermanniana* (Treitschke, 1830); M

CARNELUTTI 1994

Syn. *Conchylis kindermanniana* (Treitschke, 1830); REBEL 1913

***Aethes margaritana* (Haworth, 1811); M

Umag, 02.06.1988, 2 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Brač, Vidova Gora, 680m, 43°17'29.4"N 16°36'32.4"E, 28.08.2018, 2 ex., leg. Gumhalter, coll. Gumhalter;

Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Conchylis dipoltella* (Hb.); MANN 1869, REBEL (1903, 1904)

*****Aethes margarotana*** (Duponchel, 1836); M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, Krk, Kampelje, 13.08.2004, leg. Baldizzone, coll. Baldizzone, Krk, Poljica, 01.08.2005, leg. Baldizzone, coll. Baldizzone; Krk, Punat, Konobe, 22.05.2013, leg. Baldizzone, coll. Baldizzone; Krk, Risika, Sv. Marek, 04.05.2015, leg. Baldizzone, coll. Baldizzone; Krk, Punat, Hrusta, 230m, 25.06.2016, leg. Baldizzone, coll. Baldizzone

Syn. *Conchylis margarotana* (Dup.); MANN 1869

Syn. *Cochylis zephyrana* var. *scabidulana* (Ld.); ABAFI-AIGNER 1903, ZERNY 1920, SCHAWERDA 1921, KLIMESCH 1942, NEUSTETTER 1956

*****Aethes mauritanica*** (Walsingham, 1898); M

HABELER 2003

*****Aethes moribundana*** (Staudinger, 1859); M

CARNELUTTI 1994, HABELER 2003, Krk, Punat, Stara Baška, Hrusta, 230m, 18.06.2002, leg. Baldizzone, coll. Baldizzone; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., barcoded, leg. Aarvik, coll. NHMO; Zadar, Marinovići, 493m, 44.153358°N 15.685482°E, 17.06.2019, 1 ex., leg. Berggren, coll. Berggren; Krk, Punat, Stara Baška, Hrusta, 230m, 19.05.2022, leg. Baldizzone, coll. Baldizzone, det. Nel

Syn. *Conchylis moribundana* (Stgr.); STAUDINGER 1879, ABAFI-AIGNER 1903

Syn. *Phalonia moribundana* (Stgr.); KENNEL 1908-1921

****Aethes nefandana*** (Kennel, 1899); M

Syn. *Cochylis diacrisiana* (Rebel, 1903); REBEL 1903

*****Aethes rubigana*** (Treitschke, 1830); K, M

Syn. *Argyrolepis rubigana* (Tr.); MANN 1857

Syn. *Conchylis badiana* (Treitschke, 1830); GALVAGNI 1909, KOČA 1925, coll. Koča

*****Aethes rutilana*** (Hübner, 1817); P, M

Syn. *Conchylis rutilana* (Hübner, 1813); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896

Syn. *Phalonia rutilana* (Hb.); KENNEL 1908-1921

*****Aethes sanguinana*** (Treitschke, 1830); M

Umag, 02.06.1988, 4 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Syn. *Coccyx sanguinana* (Tr.); MANN 1857

Syn. *Cochylis sanguinana* (Treitschke, 1829); ABAFI-AIGNER *et al.* 1896, MANN 1869, REBEL 1913

Syn. *Phalonia sanguinana* (Tr.); KENNEL 1908-1921

*****Aethes smeathmanniana*** (Fabricius, 1781); K, P, M

HABELER 2003, Rabac, 22.06.1983, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Syn. *Cochylis smeathmanniana* (Fabricius, 1775); MANN (1857, 1867, 1869), WOCKE 1871, ABAFI-AIGNER *et al.* 1896, REBEL (1903, 1904), KOČA 1925, coll. Koča

Syn. *Conchylis fabriciana* (Hb.); MANN (1857, 1869)

****Aethes tessera*** (Denis & Schiffermüller, 1775); K, P, M

CARNELUTTI 1994, HABELER 2003, Krk, Mt. Hlam, Branušine, 180m, 09.06.2010, 22.05.2013, 22.06.2013, leg. Baldizzone, coll. Baldizzone; Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 2 ex., leg. Aarvik, coll. NHMO, 1 ex., leg. Berggren, coll. Berggren; Zadar, Mazin, 1050m, 44.4806°N 15.9893°E, 27.05.2018, 2 ex., leg. Aarvik, coll. NHMO, 1 ex., 01.06.2018, 1 ex., leg. Berggren, coll. Berggren; Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 05.06.2018, 1 ex., leg. Aarvik, coll. NHMO; Zagreb, Jarun, 119m, 45°46'38.6"N 15°55'04.5"E,

16.06.2018, 1 ex., leg. Gumhalter, coll. Gumhalter, Zadar, Ražanac, Općina, 10m, 44.27556,15.31367, 14.06.2019, 1 ex., leg. Berggren, coll. Berggren; Vir, 0m, 44.282802°N 15.127520°E, 18.06.2019, 2 ex., leg. Berggren, coll. Berggren

Syn. *Conchylis tessera* (S.V.); MANN (1867, 1869)

Syn. *Tortrix tessera* (Denis & Schiffermüller, 1775); MANN 1857

Syn. *Phalonia alella* (Schlz.); KLIMESCH 1942

Syn. *Cochylis allella* (Schulze); ABAFI-AIGNER et al. 1896, REBEL (1910, 1904, 1913), SCHAWERDA 1920, KOČA 1925, coll. Koča

*****Aethes williana*** (Brahm, 1791); K, P, M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, ŠUMPICH 2013, Šibenik, Drniš, 15.08.2001, 1 ex., leg. Graf, coll. Graf; Krk, Baška, Zarok, 03.05.2004, leg. Baldizzone, coll. Baldizzone; Krk, Kampelje, 21.04.2006, leg. Baldizzone, coll. Baldizzone; Krk, Čičići, 23.04.2006, leg. Baldizzone, coll. Baldizzone; Krk, Kampelje, 27.07.2008, leg. Baldizzone, coll. Baldizzone; Krk, Kampelje, 22.07.2016, leg. Baldizzone, coll. Baldizzone; Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Berggren, coll. Berggren; Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 05.06.2018, 4 ex., leg. Aarvik, coll. NHMO, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 2 ex., leg. Berggren, coll. Berggren; Zadar, Mazin, 1050m, 44.4806°N 15.9893°E, 27.05.2018, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Otrić, Velika Popina 2, 840m, 44.2572°N 16.0727°E, 28.05.2018, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Bruvno, 665m, 44.372°N 15.8785°E, 03.06.2018, 1 ex., leg. Berggren, coll. Berggren; Zagreb, Jarun, 119m, 45°46'38.6"N 15°55'04.5"E, 16.06.2018, 1 ex., leg. Gumhalter, coll. Gumhalter, Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Matići, 186m, 44.196085°N 15.646325°E, 13.06.2019, 1 ex., leg. Aarvik, coll. NHMO; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 14.06.2019, 2 ex., leg. Aarvik, coll. NHMO

Syn. *Conchylis zephyrana* (Treitschke, 1829); MANN (1867, 1869), ABAFI-AIGNER et al. 1896, REBEL 1910, GINZBERGER 1916, NEUSTETTER 1956

Syn. *Coccyx zephyrana* (Treitschke, 1829); MANN 1857

Agapeta Hübner, 1825

*****Agapeta hamana*** (Linnaeus, 1758); K, P, M

CARNELUTTI 1994, HABELER 2003, GOMBOC & SULE 2022, Vinkovci, 13.08.1973, 1 ex., leg. Baldizzone, coll. Baldizzone; Klek, 01.07.1996, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 5 ex., leg. Aarvik, coll. NHMO, 1 ex., leg. Berggren, coll. Berggren

Syn. *Euxanthis hamana* (Linnaeus, 1758); REBEL (1904, 1910, 1914), GINZBERGER 1916, SCHAWERDA 1921, PROHASKA 1922, coll. Koča, Koča 1925

Syn. *Conchylis hamana* (L.); MANN (1867, 1869), ABAFI-AIGNER et al. 1896

Syn. *Xanthosetia hamana* (L.); MANN 1857

*****Agapeta largana*** (Rebel, 1906); K

KOREN & GOMBOC 2017

*****Agapeta zoegana*** (Linnaeus, 1767); K, P, M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, KOREN 2015, Rabac, 22.06.1983, 3 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter

Syn. *Euxanthis zoegana* (Linnaeus, 1767); REBEL 1904, PROHASKA 1922, coll. Koča, Koča 1925

Syn. *Xanthosetia zoegana* (L.); MANN 1857

Syn. *Cochylis zoegana* (Linnaeus, 1758); MANN (1867, 1869), ABAFI-AIGNER et al. 1896

Brevicornutia Razowski, 1960

*****Brevicornutia pallidana*** (Zeller, 1847); M

- REBEL 1904, CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004
 Syn. *Phalonia pallidana* (Z.); KLIMESCH 1942
- Cochylichroa** Obraztsov & Swatschek
- ** *Cochylichroa atricapitana* (Stephens, 1852); M
 TREMATERRA & BALDIZZONE 2004, Krk, Soline, 30.04.2007, leg. Baldizzone, coll. Baldizzone
- Cochylidia** Obraztsov, 1956
- **Cochylidia heydeniana* (Herrich-Schäffer, 1851); M
 Syn. *Conchylis heydeniana* (Herrich-Schäffer, 1851); MANN 1869
 Syn. *Phalonia heydeniana* (H.S.); KENNEL 1908-1921
- ***Cochylidia implicitana* (Wocke, 1856); M
 TREMATERRA & BALDIZZONE 2004
 Syn. *Conchylis implicitana* (Wocke, 1856); MANN 1869, REBEL 1913, GINZBERGER 1916, SCHAWERDA 1921
 Syn. *Phalonia implicitana* (Wocke); KENNEL 1908-1921
 Syn. *Conchylis coercitana* (Stdgr.); MANN 1869
- **Cochylidia rupicola* (Curtis, 1834); M
 HABELER 2003, TREMATERRA & BALDIZZONE 2004, Klek, 01.07.1996, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Krk, Krk-Vrbnik (Misučajnica), 28.04.2007, leg. Baldizzone, coll. Baldizzone; Krk, Soline, 30.04.2007, leg. Baldizzone, coll. Baldizzone; Krk, Krk town, 08.06.2010, leg. Baldizzone, coll. Baldizzone; Risnjak NP, Crni Lug, 680m, 10.VII.2019, 4 ex, leg. Baldizzone, coll. Baldizzone
 Syn. *Cochylis rupicola* (Curtis, 1834); ABAFI-AIGNER *et al.* 1896, REBEL 1913
- Cochylimorpha** Razowski, 1959
- ***Cochylimorpha alternana* (Stephens, 1834); M
 Habeler (1998, 2003), Pelješac, Ston, 16.08.2001, 1 ex., leg. Graf, coll. Graf, Zadar, Bruvno, 665m, 44.372°N 15.8785°E, 31.05.2018, 1 ex., leg. Berggren, coll. Berggren; Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 31.05.2018, 2 ex., leg. Berggren, coll. Berggren, 1 ex., leg. Aarvik, coll. NHMO, 05.06.2018, 1 ex., leg. Berggren, coll. Berggren
- **Cochylimorpha elongana* (Fischer von Rösslerstamm, 1839); M
 HABELER 2003
 Syn. *Conchylis elongana* (Fischer von Rösslerstamm, 1839); MANN 1869
 Syn. *Euxanthis elongana* (F.R.); KENNEL 1908-1921
 Syn. *Cochylis impurana* (Mann, 1855); MANN (1857, 1869), ABAFI-AIGNER *et al.* 1896, REBEL 1913, GINZBERGER 1916
 Syn. *Euxanthis impurana* (Mann, 1855); KENNEL 1908-1921
- ***Cochylimorpha hilarana* (Herrich-Schäffer, 1851); M
 HABELER (1998, 2003), Pelješac, Ston, 16.08.2001, 1 ex., leg. Graf, coll. Graf; Split, Vrlika, 18.08.2001, 1 ex., leg. Graf, coll. Graf; Split, Peručko jezero Dabar, 14.08.2008, 1 ex., leg. Graf, coll. Graf
 Syn. *Cochylimorpha hilarana* (Herrich-Schäffer, 1851); CARNELUTTI 1994
 Syn. *Conchylis hilariana* (H.S.); MANN 1869
 Syn. *Euxanthis hilariana* (H.S.); KENNEL 1908-1921
- **Cochylimorpha jucundana* (Treitschke, 1835); M
 CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004
 Syn. *Cochylis jucundana* (Tr.); MANN (1857, 1869), ABAFI-AIGNER *et al.* 1896, SCHAWERDA 1921
- ***Cochylimorpha meridiana* (Staudinger, 1859); M
 Syn. *Euxanthis meridiana* (Stgr.); KENNEL 1908-1921

****Cochylimorpha perfusana*** (Guenée, 1845); MSyn. *Conchylis perfusana* (Gn.); REBEL 1910Syn. *Cochylis callosana* (Herrich-Schäffer, 1849); MANN 1857, ABAFI-AIGNER et al. 1896, REBEL 1913Syn. *Phalonia callosana* (HS.); KENNEL 1908-1921*****Cochylimorpha straminea*** (Haworth, 1811); M

CARNELUTTI 1994, HABELER 2003, Rabac, 22.06.1983, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Krk, Punat-Stara Baška, Konobe, 22.05.2018, leg. Baldizzone, coll. Baldizzone; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Berggren, coll. Berggren; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 14.06.2019, 1 ex., leg. Aarvik, coll. NHMO

Syn. *Cochylis tischerana* (F.R.); MANN 1857Syn. *Euxanthis straminea* (Hw.); REBEL (1903, 1904, 1913), PROHASKA 1922, KLIMESCH 1942Syn. *Cochylis straminea* (Haworth, 1811); ABAFI-AIGNER et al. 1896, MANN 1869*****Cochylimorpha woliniana*** (Schleich, 1868); M

CARNELUTTI 1994

Syn. *Cochylis woliniana* (Schl.); NEUSTETTER 1956***Cochylis*** Treitschke, 1830****Cochylis roseana*** (Haworth, 1811); M

GALVAGNI 1902, REBEL 1904, CARNELUTTI 1994, HABELER 2003

Syn. *Cochylis rubellana* (Hübner, 1823); MANN 1857Syn. *Cochylis undulatana* (Kennel, 1899); ABAFI-AIGNER 1903, ZERNY 1920, SCHAWERDA 1921, CARNELUTTI 1994Syn. *Phalonia undulatana* (Kenn); KENNEL 1908-1921***Cryptocochylis*** Razowski, 1960****Cryptocochylis conjunctana*** (Mann, 1864); M

KENNEL 1908-1921

Diceratura Djakonov, 1929*****Diceratura ostrinana*** (Guenée, 1845); K, M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, Krk, Kampelje, 04.05.2008, leg. Baldizzone, coll. Baldizzone; Krk, Mestinjak, 172m, 14.07.2012, leg. Baldizzone, coll. Baldizzone; Krk, Garica-Vrbnik, Kolmanica, 190m, 19.07.2018, leg. Baldizzone, coll. Baldizzone

Syn. *Conchylis purpuratana* (H.S.); REBEL 1904, coll. Koča, Koča 1925*****Diceratura rhodograpt*** (Djakonov, 1929); M

ŠUMPICH 2013

****Diceratura roseofasciana*** (Mann, 1855); M

ŠUMPICH 2013, Pelješac, Ston, 11.08.2008, 1 ex., leg. Graf, coll. Graf

Syn. *Cochylis roseofasciana* (Mann, 1855); MANN 1869, WOCKE 1871, REBEL 1913Syn. *Phalonia roseofasciana* (Mn.); KENNEL 1908-1921***Eugnosta*** Hübner, 1825****Eugnosta lathoniana*** (Hübner, 1800); M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, Krk, Garica-Vrbnik, Kolmanica, 190m, 06.06.2008, leg. Baldizzone, coll. Baldizzone; Krk, Punat-Stara Baška, Hrusta, 230m, 29.05.2018, 04.06.2018, leg. Baldizzone, coll. Baldizzone; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 14.06.2019, 1 ex., leg. Berggren, coll. Berggren, 3 ex., leg. Aarvik, coll. NHMO

Syn. *Euxanthis lathoniana* (Hübner, 1800); KENNEL 1908-1921, REBEL (1913, 1914), PROHASKA 1922, KLIMESCH 1942

- Syn. *Argyroptera lathoniana* (Hübner, 1800); MANN 1857
 Syn. *Cochylis lathoniana* (Hb.); MANN 1869, ABAFI-AIGNER *et al.* 1896
 ***Eugnosta magnificana* (Rebel, 1914); M
 HABELER 2003
 Syn. *Euxanthis magnificana* (Rebel, 1914); REBEL 1917
- Eupoecilia*** Stephens, 1829
 ***Eupoecilia ambiguella* (Hübner, 1796); P, M
 Syn. *Cochylis ambiguella* (Hb.); MANN (1857, 1867, 1869), ABAFI-AIGNER *et al.* 1896, GALVANI 1902
 ***Eupoecilia angustana* (Hübner, 1799); M
 HABELER 2003
 ***Eupoecilia cebrana* (Hübner, 1813); M
 Syn. *Conchylis cebrana* (Hb.); ABAFI-AIGNER 1903
- Falseuncaria*** Obraztsov & Swatschek, 1958
 **Falseuncaria degreyana* (McLachlan, 1869); M
 TREMATERRA & BALDIZZONE 2004, Krk, Soline, 30.04.2007, leg. Baldizzone, coll. Baldizzone
 ***Falseuncaria ruficiliana* (Haworth, 1811); P, M
 HABELER (1998, 2003), Zadar, Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 2 ex., leg. Berggren, coll. Berggren; NP North Velebit, Alan, 1300m, 44°43'18"N 14°58'06"E, 30.06.2022, 2 ex., leg. Baldizzone, coll. Baldizzone
 Syn. *Cochylis ciliella* (Treitschke, 1830); ABAFI-AIGNER *et al.* 1896, REBEL (1904, 1914)
- Fulvoclysia*** Obraztsov, 1943
 ***Fulvoclysia nerminae* (Koçak, 1982); K
 Syn. *Euxanthis fulvana* (Fischer von Rösslerstamm); REBEL 1904, Koča 1925, Koča 1925
- Gynnidomorpha*** Turner, 1916
 ***Gynnidomorpha alimana* (Ragnot, 1883); K, M
 HABELER 1998, Karlovac, Crna Mlaka, 11.08.2001, 1 ex., leg. Graf, coll. Graf; Imotski, 12.08.2008, 1 ex., leg. Graf, coll. Graf
 Syn. *Phalonidia alimana* (Ragnot, 1883); HABELER 2003
 ***Gynnidomorpha luridana* (Gregson, 1870); M
 HABELER 1998, TREMATERRA & BALDIZZONE 2004, ŠUMPICH 2013, Krk, Njivice, Jezero, 22.08.2008, leg. Baldizzone, coll. Baldizzone
 Syn. *Phalonidia luridana* (Gregson, 1870); HABELER 2003
 ***Gynnidomorpha permixtana* (Denis & Schiffermüller, 1775); K, P, M
 Lika-Senj, Bužim, 08.08.2008, 1 ex., leg. Graf, coll. Graf
 Syn. *Phalonidia permixtana* (Denis & Schiffermüller, 1775); HABELER 2003
 Syn. *Penthina permixtana* (Hb.); MANN 1857
 Syn. *Cochylis mussehliana* (Treitschke, 1835); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896, REBEL (1904, 1910), coll. Koča, Koča 1925, NEUSTETTER 1956
 **Gynnidomorpha rubricana* (Peyerimhoff, 1877); M
 TREMATERRA & BALDIZZONE 2004
 Syn. *Cochylis rubricana* (Peyerimhoff, 1877); SCHAWERDA (1916, 1920)
 ***Gynnidomorpha vectisana* (Humphreys & Westwood, 1845); M
 Syn. *Conchylis griseana* (Steph.); ABAFI-AIGNER 1903
- Hysterophora*** Obraztsov, 1944
 **Hysterophora maculosana* (Haworth, 1811); M

CARNELUTTI 1994, HABELER 2003, Krk, Jezero, 08.05.2008, leg. Baldizzone, coll. Baldizzone; Krk, Kampilje, Bačini Drmuni, 04.09.2023, 1 ex, leg. Baldizzone, coll. Baldizzone; Krk, Molunat, Dubrovnik, 11.09.2013, 1 ex., leg. Graf, coll. Graf; Krk, Sv. Marek, 05.05.2016, leg. Baldizzone, coll. Baldizzone, det. Nel; Lepiforum-Neretva, Desne 30.04.2017, 1 ex., leg. Bryner, coll. Bryner

Syn. *Hysterosia purgatana* (Tr.); KENNEL 1908-1921, KLIMESCH 1942

Syn. *Cochylis purgatana* (Treitschke, 1835); MANN (1857, 1869), ABAFI-AIGNER *et al.* 1896, REBEL 1913

Longicornutia Razowski, 1960

**Longicornutia epilinata* (Duponchel, 1842); K, M

REBEL (1891, 1904), GALVAGNI 1909, REBEL 1919, KOČA 1925, NEUSTETTER 1956, CARNELUTTI 1994, Umag, 02.06.1988, 2 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Neocochylis Razowski, 1960

***Neocochylis dubitana* (Hübner, 1799); M

MANN 1857, ABAFI-AIGNER *et al.* 1896, CARNELUTTI 1994

**Neocochylis hybridella* (Hübner, 1813); M

MANN 1869, REBEL 1903, SCHAWERDA 1916, SCHAWERDA 1920, HABELER (1998, 2003), Rabac, 22.06.1983, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Neocochylis millierana (Peyerimhoff, 1877); M

Split, Vrljka, 18.08.2001, 1 ex., leg. Graf, coll. Graf; Istria, Valica, 22.08.2001, 1 ex., leg. Graf, coll. Graf; Trematerra & Baldizzone 2004, Krk, Dolovo, 12.07.2007, leg. Baldizzone, coll. Baldizzone; Krk, Kampilje, 18.08.2006, 15.07.2007, leg. Baldizzone, coll. Baldizzone; Krk, Mt. Hlam, Branušine, 180m, 17.08.2007, 25.07.2008, 29.08.2008, leg. Baldizzone, coll. Baldizzone; Dalmatia, Omiš, 11.08.2015, 1 ex., leg. Graf, coll. Graf; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Aarvik, coll. NHMO, 2 ex., leg. Berggren, coll. Berggren; Zadar, Matici, 186m, 44.196085°N 15.646325°E, 13.06.2019, 1 ex., leg. Aarvik, coll. NHMO; Vir, 0m, 44.282802°N 15.127520°E, 18.06.2019, 4 ex., leg. Aarvik, coll. NHMO, 4 ex., leg. Berggren, coll. Berggren

Syn. *Cochylis sammitica* (Trematerra, 1995);

Fauna Europaea has not listed this species in its database (KARSHOLT & NIEURKERKEN 2013).

**Neocochylis molliculana* (Zeller, 1847); M

TREMATERRA & BALDIZZONE 2004, Krk, Mt. Hlam, Mestinjak, 172m, 14.07.2010, leg. Baldizzone, coll. Baldizzone; Krk, Poljica, 10.07.2012, 15.07.2012, leg. Baldizzone, coll. Baldizzone

***Neocochylis salebrana* (Mann, 1862); M

HABELER 2003, ŠUMPICH 2013, GOMBOC & SULE 2022, Krk, Mt. Hlam, Mestinjak, 172m, 14.07.2015, leg. Baldizzone, coll. Baldizzone, det. Nel

Phalonidia Le Marchand, 1933

**Phalonidia affinitana* (Douglas, 1846); M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, Krk, Punat, Hrusta, 230m, 03.05.2017, leg. Baldizzone, coll. Baldizzone

Syn. *Conchylis littorana* (Galvagni, 1906); GALVAGNI 1909

***Phalonidia albipalpata* (Zeller, 1847); M

Syn. *Conchylis albipalpata* (Zeller, 1847); ABAFI-AIGNER 1903, GALVAGNI 1909, REBEL 1914

**Phalonidia contractana* (Zeller, 1847); K, M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, GOMBOC & SULE 2022, Split, Vrljka, 18.08.2001, 1 ex., leg. Graf, coll. Graf; Istria, Fažana, 21.08.2001, 1 ex., leg. Graf, coll. Graf; Krk, Kampilje, 28.07.2005, leg. Baldizzone, coll. Baldizzone; Požega, Seoci, 13.08.2008, 1 ex., leg. Graf, coll. Graf; Istria, Peroj, 17.08.2008, 1 ex., leg. Graf, coll. Graf; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Krk, Mt.

Hlam, Banušine, 180m, 30.08.2018, leg. Baldizzone, coll. Baldizzone; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 3 ex., leg. Aarvik, coll. NHMO, 5 ex., leg. Berggren, coll. Berggren; Krk, Vrbnik, Sveti Marek, 10.09.2023, leg. Baldizzone, coll. Baldizzone

Syn. *Conchylis contractana* (Zeller, 1847); MANN 1869, GEIGER 1873, REBEL (1913, 1914), ZERNY 1920, SCHAWERDA 1921, PROHASKA 1922, NEUSTETTER 1956

Syn. *Phalonia contractana* (Z.); KENNEL 1908-1921, KLIMESCH 1942, DANIEL *et al.* 1951

****Phalonidia curvistrigana** (Stainton, 1859); M

TREMATERRA & BALDIZZONE 2004, Zadar, Mazin, 1050m, 44.4806°N 15.9893°E, 27.05.2018, 1 ex., 01.06.2018, 1 ex., leg. Berggren, coll. Berggren

Syn. *Conchylis curvistrigana* (Wlk.); REBEL 1914

****Phalonidia gilvicomana** (Zeller, 1847); P

Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Aarvik, coll. NHMO

****Phalonidia manniana** (Fischer von Röslerstamm, 1839); M

CARNELUTTI 1994, TREMATERRA & BALDIZZONE 2004

Syn. *Conchylis manniana* (Fischer von Röslerstamm, 1840); MANN (1857, 1869), ABAFI-AIGNER *et al.* 1896, REBEL (1903, 1904)

Phalonidia udana (Guenée, 1845); M

Syn. *Lozopera udana* (Gen.); SCHAWERDA 1921

Fauna Europaea has not listed this species in its database (KARSHOLT & NIEURKERKEN 2013).

Phtheochroa Stephens, 1829

Phtheochroa duponchelana (Duponchel, 1843); M

Syn. *Hysterosia duponcheliana* (Dup.); KENNEL 1908-1921

***Phtheochroa fulvicinctana** (Constant, 1893); M

Lepiforum-Krk, Čižiči-Rudine 01.09.2005, 1 ex., leg. Gomboc, coll. Deutsch; Krk, Soline, 13.08.2007, leg. Baldizzone, coll. Baldizzone; Krk, Punat, Košljun, 04.09.2014, leg. Baldizzone, coll. Baldizzone

Syn. *Conchylis fulvicinctana* (Constant, 1894); GALVAGNI 1909

Syn. *Hysterosia fulvicinctana* (Constant, 1893); HABELER 2003

***Phtheochroa inopiana** (Haworth, 1811); K, P, M

HABELER 2003

Syn. *Tortrix centrana* (H. Sch); MANN 1857

Syn. *Conchylis inopiana* (Hw.); REBEL 1895

Syn. *Hysterosia inopiana* (Haw.); REBEL 1903, KENNEL 1908-1921, KOČA 1925, coll. Koča

Syn. *Tortrix inopiana* (Hn.); ABAFI-AIGNER *et al.* 1896

***Phtheochroa pulvillana** (Herrich-Schäffer, 1851); M

REBEL 1913, HABELER 2003, ŠUMPICH & SKYVA 2014

***Phtheochroa purana** (Guenée, 1845); M

Syn. *Cocchlymorpha purana* (Guenée, 1845); CARNELUTTI 1994

Syn. *Hysterosia purana* (Guenée, 1845); HABELER 2003

Syn. *Argyrolepis limbatana* (F.R.); MANN 1857

Syn. *Conchylis limbatana* (Herrich-Schäffer, 1851); MANN 1869

Syn. *Phalonia purana* (Gn.); KENNEL 1908-1921, KLIMESCH 1942

Syn. *Cochylis purana* (Guenée, 1845); WOCKE 1871, ABAFI-AIGNER *et al.* 1896, SCHAWERDA 1921

****Phtheochroa reisseri** (Razowski, 1970); M

HABELER (1998, 2003), ŠUMPICH & SKYVA 2012, Lepiforum-Šibenik, Miljevačka 03.05.2017, 1 ex., leg. Bryner, coll. Bryner

*****Phtheochroa rugosana*** (F. R.); M

MANN (1857, 1869), ABAFI-AIGNER et al. 1896, REBEL 1904

*****Phtheochroa schreibersiana*** (Frölich, 1828); K, P, M

REBEL 1914, CARNELUTTI 1994

Syn. *Cochylys schreibersiana* (Frölich, 1828); MANN (1857, 1867, 1869), ABAFI-AIGNER et al. 1896, Koča 1925, coll. Koča

*****Phtheochroa simoniana*** (Staudinger, 1859); M

Syn. *Conchylys simoniana* (Staudinger, 1859); MANN 1869

Syn. *Phalonia simoniana* (Stgr.); KENNEL 1908-1921

****Phtheochroa sodaliana*** (Haworth, 1811); P, M

CARNELUTTI 1994, Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Aarvik., coll. NHMO; Zadar, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 3 ex., leg. Aarvik, coll. NHMO, 1 ex., leg. Berggren, coll. Berggren

Syn. *Conchylys sodaliana* (Haw.); MANN 1869, SCHAWERDA 1921

Syn. *Hysterosia sodaliana* (Haw.); KENNEL 1908-1921

Pontoturania Obraztsov, 1943

*****Pontoturania posterana*** (Zeller, 1847); K, M

MANN (1857, 1869), ABAFI-AIGNER et al. 1896, REBEL (1903, 1904, 1914), PROHASKA 1922, coll. Koča, Koča 1925, CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, ŠUMPICH 2013, Split, Budimir, 14.08.2001, 1 ex., leg. Graf, coll. Graf; Krk, Obzova, Vrske, 410m, 13.07.2018, leg. Baldizzone, coll. Baldizzone; Krk, Kempelje, 15.07.2007, leg. Baldizzone, coll. Baldizzone; Krk, Mt. Hlam, Branušine, 25.07.2008, 29.07.2008, leg. Baldizzone, coll. Baldizzone; Zagreb, Jarun, 119m, 45°46'38.6"N 15°55'04.5"E, 16.06.2018, 1 ex., leg. Gumhalter, coll. Gumhalter, Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 4 ex., leg. Aarvik, coll. NHMO; Zadar, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zadar, Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 1 ex., leg. Berggren, coll. Berggren; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 14.06.2019, 1 ex., leg. Berggren, coll. Berggren

Prochlidonia Razowski, 1960

****Prochlidonia amiantana*** (Hübner, 1799); M

Syn. *Argyrolepis amiantana* (Hb.); MANN 1857

Syn. *Cochylys amiantana* (Hübner, 1813); MANN 1869, ABAFI-AIGNER et al. 1896

Syn. *Euxanthis amiantana* (Hb.); KENNEL 1908-1921

Thyraylia Walsingham, 1897

****Thyraylia nana*** (Haworth, 1811); M

REBEL 1904

Syn. *Phalonia nana* (Hw.); KENNEL 1908-1921

Syn. *Conchylys pumilana* (Herrich-Schäffer); MANN 1869

Euliini

Eulia Hübner, 1825

*****Eulia ministrana*** (Linnaeus, 1758); K, P

REBEL 1904, coll. Koča, Koča 1925

Syn. *Tortrix ministrana* (Linnaeus, 1758); MANN 1867, ABAFI-AIGNER et al. 1896

Pseudargyrotoza Obraztsov, 1954

*****Pseudargyrotoza convagana*** (Fabricius, 1775); K, P, M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, GOMBOC & SULE 2022, Zagreb, Jarun, 119m, 45°46'38.6"N 15°55'04.5"E, 16.06.2018, 1 ex., leg. Gumhalter, coll. Gumhalter, Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex. leg. Berggren, coll. Berggren

Syn. *Tortrix conwayana* (Fabricius, 1775); MANN (1857, 1867, 1869), ABAFI-AIGNER *et al.* 1896, REBEL (1903, 1904, 1913, 1914), coll. Koča, Koča 1925, KLIMESCH 1942

OLETHREUTINAE

Olethreutini

Apotomis Hübner, 1825

***Apotomis sauciana* (Frölich, 1828); M
Syn. *Olethreutes sauciana* (Hb.); REBEL 1913

***Apotomis sororculana* (Zetterstedt, 1839); M
CARNELUTTI 1994
Syn. *Olethreutes sororentana* (Ztt.); ABAFI-AIGNER 1903
Syn. *Penthina praelongana* (Guenée, 1845); MANN 1869

Argyroploce Hübner, 1825

***Argyroploce arbutella* (Linnaeus, 1758); K, P
Syn. *Penthina arbutella* (Linnaeus, 1758); MANN 1867, ABAFI-AIGNER *et al.* 1896
Syn. *Olethreutes arbutella* (Linnaeus, 1758); REBEL 1904, coll. Igalfy

Bactra Stephens, 1834

Bactra subg. *Bactra* Stephens, 1834

***Bactra (Bactra) bacrana* (Kennel, 1901); M
TREMATERRA & BALDIZZONE 2004, Krk, Mt. Hlam, Branušine, 180m, 10.07.2015, leg. Baldizzone, coll. Baldizzone, det. Nel

***Bactra (Bactra) furfurana* (Haworth, 1811); K, M
REBEL (1904, 1914), SCHAWERDA 1921, KLIMESCH 1942, coll. Koča, Koča 1925; Pelješac, Ston, 16.08.2001, 1 ex., leg. Graf, coll. Graf; Split, Vrlika, 18.08.2001, 1 ex., leg. Graf, coll. Graf

***Bactra (Bactra) lacteana* (Caradja, 1916); M
HABELER 1998, TREMATERRA & BALDIZZONE 2004, Krk, Soline, 13.08.2007, leg. Baldizzone, coll. Baldizzone

***Bactra (Bactra) lanceolana* (Hübner, 1799); K, P, M
REBEL (1904, 1914), KLIMESCH 1942, NEUSTETTER 1956, HABELER 2003, TREMATERRA & BALDIZZONE 2004, coll. Koča, Koča 1925, Krk, Kampelje, Bačini Drmuni, 26.08.2022, leg. Baldizzone, coll. Baldizzone, det. Nel

Syn. *Aphelia lanceolana* (Hübner, 1813); REBEL 1891, ABAFI-AIGNER *et al.* 1896
Syn. *Grapholita lanceolana* (Hb.); MANN (1867, 1869)
Syn. *Phoxopteryx lanceolana* (Hb.); MANN 1857

***Bactra (Bactra) robustana* (Christoph, 1872); M
REBEL 1919, HABELER (1998, 2003)

Celypha Hübner, 1825

Celypha aurofasciana (Haworth, 1811); M

Syn. *Cymolomia latifasciana* (Hw.); KENNEL 1908-1921
Syn. *Exartema latifasciana* (Haworth); REBEL 1904

***Celypha capreolana* (Herrich-Schäffer, 1851); M

Umag, 02.06.1988, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Syn. *Olethreutes capreolana* (HS.); REBEL (1903, 1904)

Syn. *Sericoris capreolana* (H. S.); MANN 1857

Syn. *Penthina capreolana* (Gn.); MANN 1869

Syn. *Argyroploce capreolana* (HS.); KENNEL 1908-1921

***Celypha cespitana* (Hübner, 1817); K, P, M

TREMATERRA & BALDIZZONE 2004

Syn. *Olethreutes cespitana* (Hb.); REBEL (1903, 1904, 1913)

Syn. *Sericoris cespitana* (Hb.); MANN 1857

Syn. *Penthina cespitana* (Hübner, 1813); MANN (1867, 1869), ABAFI-AIGNER et al. 1896

****Celypha flavipalpana** (Herrich-Schäffer, 1851); M

Syn. *Sericoris flavipalpana* (H. Sch.); MANN 1857

Syn. *Penthina flavipalpana* (Herrich-Schäffer, 1849); MANN 1869, ABAFI-AIGNER et al. 1896

****Celypha lacunana** (Denis & Schiffermüller, 1775); K, P, M

CARNELUTTI 1994, HABELER 2003, KOREN 2015, Umag, 02.06.1988, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Aarvik., coll. NHMO; Zadar, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Olethreutes lacunana* (Dup.); REBEL 1903, coll. Koča

Syn. *Sericoris lacunana* (S. V.); MANN 1857

Syn. *Penthina lacunana* (Denis & Schiffermüller, 1775); MANN (1867, 1869), ABAFI-AIGNER et al. 1896

****Celypha rivulana** (Scopoli, 1763); K, P, M

Klek, 01.07.1996, 2 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Syn. *Olethreutes rivulana* (Sc.); REBEL (1903, 1904, 1913), coll. Koča

Syn. *Penthina rivulana* (Scopoli, 1786); MANN (1867, 1869), ABAFI-AIGNER et al. 1896

Syn. *Argyroproce rivulana* (Scopoli, 1786); KENNEL 1908-1921

****Celypha rufana** (Scopoli, 1763); M

Syn. *Penthina rufana* (Sc.); MANN 1869

Syn. *Olethreutes rufana* (Sc.); REBEL 1904, SCHAWERDA 1921, REBEL 1924

Syn. *Argyroproce rufana* (Scop.); KENNEL 1908-1921

****Celypha rurestrana** (Duponchel, 1843); M

Syn. *Sericoris rurestrana* (H. Sch.); MANN 1857

Syn. *Olethreutes rurestrana* (Dup.); REBEL 1913

Syn. *Argyroproce rurestrana* (Dup.); KENNEL 1908-1921

Syn. *Penthina rurestrana* (Duponchel, 1843); MANN 1869, ABAFI-AIGNER et al. 1896

Syn. *Argyroproce lucivagana* (Z.); KLIMESCH 1942

****Celypha striana** (Denis & Schiffermüller, 1775); K, P, M

HABELER 2003, KOREN 2015, Vinkovci, 13.08.1973, 4 ex., leg. Baldizzone, coll. Baldizzone; Umag, 02.06.1988, 2 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Krk, Kampelje, Matijev stan, 28.07.2005, leg. Baldizzone, coll. Baldizzone; Krk, Kampelje, Bačini Drmuni, 04.09.2023, leg. Baldizzone, coll. Baldizzone; Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 05.06.2018, 1 ex., leg. Berggren, coll. Berggren

Syn. *Olethreutes striana* (Schiff.); REBEL (1903, 1904, 1913), coll. Koča

Syn. *Sericoris striana* (S. V.); MANN 1857

Syn. *Penthina striana* (Schiff.); MANN (1867, 1869), ABAFI-AIGNER et al. 1896

Corticivora Clarke, 1951****Corticivora piniana** (Herrich-Schäffer, 1851); M

Syn. *Rhyacionia piniana* (Herrich-Schäffer, 1851); CARNELUTTI 1994, TREMATERRA & BALDIZZONE 2004

Endothenia Stephens, 1852****Endothenia ericetana** (Humphreys & Westwood, 1845); P, M

Syn. *Grapholita ericetana* (H.S.); MANN 1867

Syn. *Argyroploce ericetana* (Westw.); KENNEL 1908-1921

Syn. *Steganoptycha ericetana* (H.-S.); ABAFI-AIGNER *et al.* 1896

Syn. *Orthotaenia trifoliana* (Hb.); MANN 1857

Syn. *Grapholita trifoliana* (H.S.); MANN 1869

Syn. *Penthina trifoliana* (Hb.); ABAFI-AIGNER *et al.* 1896

*****Endothenia gentianaena*** (Hübner, 1799); K, P, M

TREMATERRA & BALDIZZONE 2004, GOMBOC & SULE 2022, Vinkovci, 13.08.1973, 2 ex., leg. Baldizzone, coll. Baldizzone

Syn. *Penthina gentianana* (Hübner, 1813); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896

Syn. *Olethreutes gentiana* (Hb.); REBEL 1903, 1904

Syn. *Argyroploce gentiana* (Hb.); KENNEL 1908-1921

Syn. *Argyroploce oblongana adelana* (Rbl.); KLIMESCH 1942

Syn. *Penthina sellana* (Hb.); MANN (1857, 1869)

*****Endothenia marginana*** (Hawort, 1811); P, M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, ŠUMPICH 2013, Krk, Soline, 11.08.1976, leg. Baldizzone, coll. Baldizzone; Krk, Poljica, 03.08.2005, leg. Baldizzone, coll. Baldizzone; Krk, Jezero, 08.05.2008, leg. Baldizzone, coll. Baldizzone; Lika-Senj, Bužim, 08.08.2008, 1 ex., leg. Graf, coll. Graf; Krk, Poljica-Uvala Čavlena, 30.08.2018, 21.08.2023, leg. Baldizzone, coll. Baldizzone; Krk, Poljica-Uvala Čavlena, 30.08.2018, leg. Baldizzone, coll. Baldizzone; Krk, Mt. Hlam, Mestinjak, 170m, 13.07.2023, leg. Baldizzone, coll. Baldizzone; Zadar, Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 4 ex., leg. Berggren, coll. Berggren

*****Endothenia nigricostana*** (Haworth, 1811); K, M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, Krk, Kampelje, 11.07.2007, leg. Baldizzone, coll. Baldizzone; Krk, Mt. Hlam, Branušine, 180m, 13.08.2015, leg. Baldizzone, coll. Baldizzone; Krk, Poljica-Uvala Čavlena, 30.08.2018, leg. Baldizzone, coll. Baldizzone; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 3 ex., leg. Aarvik, coll. NHMO, 4 ex., leg. Berggren, coll. Berggren

Syn. *Olethreutes nigricostana*; coll. Koča, Koča 1925

Syn. *Olethreutes nigricostana* ab. *remyana* HS.; Koča 1925

*****Endothenia oblongana*** (Hawort, 1811); K, M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, ŠUMPICH 2013, Rabac, 22.06.1983, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Krk, Punat, Hrusta, 230m, 31.08.2007, leg. Baldizzone, coll. Baldizzone; Zadar, Mazin, 1050m, 44.4806°N 15.9893°E, 27.05.2018, 1 ex., leg. Berggren, coll. Berggren, 01.06.2018, 3 ex., leg. Aarvik, coll. NHMO; Zadar, Bruvno, 665m, 44.372°N 15.8785°E, 31.05.2018, 1 ex., leg. Berggren, coll. Berggren; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 04.06.2018, 1 ex., dissected, leg. Aarvik, coll. NHMO, 1 ex., dissected, leg. Berggren, coll. Berggren, 14.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zagreb, Jarun, 119m, 45°46'38.6"N 15°55'04.5"E, 16.06.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Krk, Poljica-Uvala Čavlena, 30.08.2018, leg. Baldizzone, coll. Baldizzone; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zadar, Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zadar, Matici, 186m, 44.196085°N 15.646325°E, 13.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zadar, Ražanac, Općina, 10m, 44.27556, 15.31367, 14.06.2019, 1 ex., leg. Berggren, coll. Berggren; Vir, 0m, 44.282802°N 15.127520°E, 18.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Olethreutes oblongana* (Hawort, 1811); REBEL (1903, 1904, 1914), coll. Koča, Koča 1925

Syn. *Penthina oblongana* (Hawort, 1811); MANN 1869

*****Endothenia quadrimaculana*** (Haworth, 1811); K, M

Krk, Kampelje, 02.07.2016, leg. Baldizzone, coll. Baldizzone, det. Nel

- Syn. *Olethreutes antiquana* (Hb.); SCHAWERDA 1921, coll. Koča, Koča 1925
- **Endothenia sororiana** (Herrich-Schäffer, 1850); M
 Syn. *Penthina sororiana* (H.S.); MANN 1869
 Syn. *Argyroproce sororiana* (HS.); KENNEL 1908-1921
 Syn. *Penthina phlomidana* (Staudinger, 1870); STAUDINGER 1870
 Syn. *Cochylis phlomidana* (Stgr.); WOCKE 1871
- Eudemis** Hübner, 1825
- **Eudemis profundana** (Denis & Schiffermüller, 1775); K, M
 CARNELUTTI 1994, HABELER 2003, FAZEKAS 2009, Krk, Kampelje, 01.08.2006, leg. Baldizzone, coll. Baldizzone; Krk, Poljica-Čavlena, 30.08.2018, leg. Baldizzone, coll. Baldizzone; Krk, Vrbnik, Sv. Marek, 22.06.2022, leg. Baldizzone, coll. Baldizzone; Krk, Poljica-Čavlena, 25.08.2023, leg. Baldizzone, coll. Baldizzone; Krk, Kampelje, Bačini Drmuni, 04.09.2023, 1 ex, leg. Baldizzone, coll. Baldizzone
 Syn. *Olethreutes profundana* (F.); REBEL 1913, SCHAWERDA (1916, 1920)
 Syn. *Paedisca profundana* (S. V.); MANN 1857
 Syn. *Penthina profundana* (S.V.); ABAFI-AIGNER et al. 1896
- Hedya** Hübner, 1825
- **Hedya atropunctana** (Zetterstedt, 1840); M
 Syn. *Metendothenia atropunctana* (Zetterstedt, 1840); TREMATERRA & BALDIZZONE 2004, Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Berggren, coll. Berggren
- **Hedya nubiferana** (Haworth, 1811); K, P, M
 GOMBOC & SULE 2022, Rabac, 22.06.1983, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)
 Syn. *Olethreutes variegana* (Hb.); REBEL (1903, 1904), Koča 1925, coll. Koča
 Syn. *Argyroproce variegana* (Hb.); KLIMESCH 1942, coll. Igalffy
 Syn. *Penthina variegana* (S. V.); MANN (1857, 1867, 1869), ABAFI-AIGNER et al. 1896
 Syn. *Hedya dimidioalba* (Retzius, 1783); CARNELUTTI 1994, HABELER 2003
 Syn. *Olethreutes dimidiana* (Sodof.); Koča 1925, coll. Koča
- **Hedya ochroleucana** (Frölich, 1828); M
 Syn. *Olethreutes ochroleucana* (Hb.); REBEL 1913
 Syn. *Penthina ochroleucana* (Hübner, 1813); MANN 1857, ABAFI-AIGNER et al. 1896
- **Hedya pruniana** (Hübner, 1799); K, P, M
 CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, KOREN 2015, GOMBOC & SULE 2022, Rabac, 22.06.1983, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Krk, Soline, 30.04.2007, leg. Baldizzone, coll. Baldizzone; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter
 Syn. *Penthina pruniana* (Hübner, 1799); MANN (1857, 1867), ABAFI-AIGNER et al. 1896
 Syn. *Olethreutes pruniana* v. *pruneticolana* (Z.); MANN (1857, 1869), ABAFI-AIGNER et al. 1896, REBEL (1903, 1910), coll. Koča, Koča 1925
- **Hedya salicella** (Linnaeus, 1758); K, P, M
 CARNELUTTI 1994, KOREN 2015, Rabac, 22.06.1983, 2 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)
 Syn. *Olethreutes salicella* (Linnaeus, 1758); REBEL (1903, 1904, 1913), coll. Koča, Koča 1925
 Syn. *Penthina salicella* (L.); MANN (1857, 1867, 1869)
 Syn. *Argyroproce salicella* (L.); KENNEL 1908-1921
- Lobesia** Guenée, 1845
- Lobesia** subg. **Lobesia** Guenée, 1845



Fig. 7. A specimen of *L. andereggiana* (photo: P. K. Slagsvold).

****Lobesia (Lobesia) andereggiana*** (Herrich-Schäffer, 1851); K, M (Fig. 7)

Zadar, Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 1 ex., leg. Berggren, coll. Berggren, 1 ex., leg. Aarvik, coll. NHMO

Syn. *Polychrosis andereggiana* (HS.); KENNEL 1908-1921

*****Lobesia (Lobesia) artemisiana*** (Zeller, 1847); M

MANN 1869

*****Lobesia (Lobesia) botrana*** (Denis & Schiffermüller, 1775); K, M

MANN 1869, CARNELUTTI 1994, HABELER (1998, 2003), TREMATERRA & BALDIZZONE 2004, GOMBOC & SULE 2022, Klek, 01.07.1996, 1 ex., leg. Fazekas (= Pannon Institute, H-Pécs); Pelješac, Ston, 16.08.2001, 1 ex., leg. Graf, coll. Graf; Krk, Poljica-Čavlena, 02.07.2007, leg. Baldizzone, coll. Baldizzone; Split, Srijane, 10.08.2008, 1 ex., leg. Graf, coll. Graf; Imotski, 12.08.2008, 1 ex., leg. Graf, coll. Graf; Istria, Peroj, 17.08.2008, 1 ex., leg. Graf, coll. Graf; Krk, Obzova, Vrske, 410m, 13.07.2018, leg. Baldizzone, coll. Baldizzone; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 5 ex., leg. Berggren, coll. Berggren

Syn. *Polychrosis botrana* (Schiff.); REBEL 1903, GALVAGNI 1909, REBEL 1913, coll. Koča, NEUSTETTER 1956

Syn. *Penthina botrana* (S. V.); MANN 1857

Syn. *Eudemis botrana* (Denis & Schiffermüller, 1775); ABAFI-AIGNER *et al.* 1896

*****Lobesia (Lobesia) helichrysans*** (Ragonot, 1879); M

Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., barcoded, leg. Berggren, coll. Berggren

*****Lobesia (Lobesia) indusiana*** (Zeller, 1847); M

Lepiforum-Dubrovnik, 10.07.1939, 1 ex., ZSM, coll. Klimesch

Syn. *Eudemis indusiana* (Z.); WOCKE 1871

*****Lobesia (Lobesia) littoralis*** (Westwood & Humphreys, 1845); M

MANN 1869, GALVAGNI 1902, TREMATERRA & BALDIZZONE 2004, Krk, Uvala Sv. Juraj, 20.07.2007, 1 ex., 07.08.2010, leg. Baldizzone, coll. Baldizzone; Krk, Vrbnik, Sveti Marek, 10.09.2023, leg. Baldizzone, coll. Baldizzone

Syn. *Polychrosis littoralis* (Westwood & Humphreys, 1845); GALVAGNI 1902, ABAFI-AIGNER 1903, GALVAGNI 1909

*****Lobesia (Lobesia) porrectana*** (Zeller, 1847); M

near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 29.05.2018, 1 ex., barcoded, leg. Berggren, coll. Berggren, 1 ex., barcoded, leg. Aarvik, coll. NHMO

*****Lobesia (Lobesia) quaggana*** Mann, 1855; M

MANN 1869, TREMATERRA & BALDIZZONE 2004, Lepiforum-Rovinj, 18.06.1995, 2 ex., leg. Deutsch, coll. Deutsch; Krk, Punat, Konobe, 27.05.2017, leg. Baldizzone, coll. Baldizzone;

Lepiforum-Kamenjak, 10.09.2019, 1 ex., leg. Voaden, coll. Voaden; Krk, Punat, Negrit, 177m, 08.06.2021, leg. Baldizzone, coll. Baldizzone

Syn. *Eudemis quaggana* (Mann, 1855); ABAFI-AIGNER et al. 1896

Syn. *Polychrosis quaggana* (Mn.); KENNEL 1908-1921, GALVAGNI 1909, PROHASKA 1922

Syn. *Paedisca quaggana* (Mann); MANN 1857

****Lobesia (*Lobesia*) *reliquana*** (Hübner, 1825); K, M

Syn. *Lobesia permixtana* (Hübner, 1813); MANN 1869, ABAFI-AIGNER et al. 1896, REBEL 1904, coll. Koča

Olethreutes Hübner, 1822

*****Olethreutes arcuella*** (Clerck, 1759); K, P, M

REBEL 1910, coll. Koča, KOČA 1925, CARNELUTTI 1994, HABELER 2003, Rabac, 22.06.1983, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Aarvik., coll. NHMO; Zagreb, Jarun, 119m, 45°46'38.6"N 15°55'04.5"E, 16.06.2018, 1 ex., leg. Gumhalter, coll. Gumhalter, Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Aarvik, coll. NHMO, 1 ex., leg. Berggren, coll. Berggren; Zadar, Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Penthina arcuella* (Cl.); REBEL 1895, ABAFI-AIGNER et al. 1896

Orthotaenia Stephens, 1829

*****Orthotaenia undulana*** (Denis & Schiffermüller, 1775); P, M

HABELER 2003

Syn. *Olethreutes urticana* (Hübner, 1799); REBEL 1913

Syn. *Penthina urticana* (H.S.); MANN (1867, 1869)

Syn. *Sericoris urticana* (Hb.); MANN 1857

Syn. *Argyroproce urticana* (Hb.); KENNEL 1908-1921

Pelatea Guenée, 1845

*****Pelatea klugiana*** (Freyer, 1836); K, M

REBEL (1903, 1913), ŠUMPICH & SKYVA 2012

Phiaris Hübner, 1825

*****Phiaris bipunctana*** (Fabricius, 1794); M

Syn. *Sericoris bipunctana* (Hb.); MANN 1857

*****Phiaris micana*** (Denis & Schiffermüller, 1775); M

Syn. *Sericoris micana* (Hb.); MANN 1857

*****Phiaris stibiana*** (Guenée 1845); K, P, M

Zadar, Otrić, Velika Popina 1, 750m, 44.2572°N 16.0727°E, 28.05.2018, 2 ex., leg. Berggren, coll. Berggren, 2 ex., leg. Aarvik, coll. NHMO; Zadar, Otrić, Velika Popina 2, 840m, 44.2572°N 16.0727°E, 28.05.2018, 5 ex., leg. Berggren, coll. Berggren, 2 ex., leg. Aarvik, coll. NHMO; Zadar, Bruvno, 665m, 44.372°N 15.8785°E, 31.05.2018, 2 ex., leg. Berggren, coll. Berggren; Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 31.05.2018, 6 ex., leg. Aarvik, coll. NHMO, 05.06.2018, 1 ex., leg. Berggren, coll. Berggren, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zadar, Mazin, 1050m, 44.4806°N 15.9893°E, 01.06.2018, 1 ex., leg. Aarvik, coll. NHMO; Gračac, 580m, 44.324713°N 15.857880°E, 16.06.2019, 1 ex., leg. Berggren, coll. Berggren; NP North Velebit, Alan, 1300m, 44°43'18"N 14°58'06"E, 30.06.2022, 1 ex., leg. Baldizzone, coll. Baldizzone

Syn. *Penthina stibiana* (Guenée, 1845); MANN 1867, ABAFI-AIGNER et al. 1896

Syn. *Olethreutes stibiana* (Guenée, 1845); REBEL 1904

*****Phiaris umbrosana*** (Freyer, 1842); K, P, M

Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Berggren, coll. Berggren

Syn. *Celypha umbrosana* (Freyer, 1842); CARNELUTTI 1994

Syn. *Penthina umbrosana* (Freyer, 1842); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896

Syn. *Argyroploce umbrosana* (Frr.); KENNEL 1908-1921, coll. Igalffy

Syn. *Olethreutes umbrosana* (Frr.); REBEL 1904

Piniphila Falkovitsh 1962

*****Piniphila bifasciana*** (Haworth, 1811); K, P, M

HABELER 2003, Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Berggren, coll. Berggren; near Pag, Rtina Miletici, 15m, 44.315041°N 15.271700°E, 29.05.2018, 1 ex., leg. Berggren, coll. Berggren; Krk, Obzova, Vrske, 410m, 02.06.2018, leg. Baldizzone, coll. Baldizzone; Vir, 0m, 44.282802°N 15.127520°E, 18.06.2019, 1 ex., leg. Berggren, coll. Berggren

**Syn. *Tortrix bifasciana* (Hübner, 1813); MANN (1857, 1867), Abafi-AIGNER *et al.* 1896, coll. Koča, KOČA 1925

Syn. *Olethreutes bifasciana* (Haworth); REBEL 1914

Syn. *Penthina bifasciana* (Hw.); MANN (1867, 1869)

Syn. *Argyroploce bifasciana* (Hw.); KENNEL 1908-1921

Pristerognatha Obraztsov, 1960

*****Pristerognatha penthinana*** (Guenée, 1845); K, P, M

HABELER 2003

Syn. *Conchylis postremana* (Zll.); MANN 1867, coll. Koča

*****Pristerognatha fuligana*** (Denis & Schiffermüller, 1775); M

Syn. *Lobesia fuligana* (Haworth, 1811); MANN 1869

Syn. *Polychrosis fuligana* (Hw.); ABAFI-AIGNER 1903

Pseudosciaphila Obraztsov, 1966

*****Pseudosciaphila branderiana*** (Linnaeus, 1758); M

Rabac, 22.06.1983, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Enarmoniini

Ancylis Hübner, 1825

*****Ancylis achatana*** (Denis & Schiffermüller, 1775); K, P, M

CARNELUTTI 1994, HABELER 2003, GOMBOC & SULE 2022, Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 2 ex. leg. Aarvik, coll. NHMO; Zagreb, Jarun, 119m, 45°46'38.6"N 15°55'04.5"E, 16.06.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 3 ex., leg. Berggren, coll. Berggren; Zadar, Kruševo E, 306m, 44.175422°N 15.666627°E, 09.06.2019, 2 ex., leg. Berggren, coll. Berggren

Syn. *Phoxopteryx achatana* (S. V.); MANN 1857

Syn. *Grapholita achatana* (S.V.); MANN (1867, 1869)

Syn. *Olethreutes achatana* (F.); GALVAGNI 1902, REBEL 1904, SCHAWERDA 1921

Syn. *Penthina achatana* (S.V.); ABAFI-AIGNER *et al.* 1896

*****Ancylis apicella*** (Denis & Schiffermüller, 1775); K, P, M

HABELER 2003, Pelješac, Ston, 16.08.2001, 1 ex., leg. Graf, coll. Graf; Zadar, Meka Draga, 120m, 44.1805°N 15.6174°E, 02.06.2018, 1 ex., leg. Berggren, coll. Berggren, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Bruvno, 665m, 44.372°N 15.8785°E, 03.06.2018, 1 ex., leg. Berggren, coll. Berggren

Syn. *Grapholita apicella* (S.V.); MANN (1867, 1869)

Syn. *Swammerdammia apicella* (Don.); MANN (1857, 1867, 1869), STANTON 1921

Syn. *Phoxopteryx sicilana* (Hübner, 1813); MANN 1857, ABAFI-AIGNER *et al.* 1896

- Syn. *Ancylis siculana* (Hb.); REBEL 1904, KENNEL 1908-1921, REBEL 1910, SCHAWERDA 1921, KLIMESCH 1942, coll. Koča, KOČA 1925
- ***Ancylis badiana*** (Denis & Schiffermüller, 1775); K, P, M
HABELER 2003, TREMATERRA & BALDIZZONE 2004
Syn. *Grapholita badiana* (S.V.); MANN (1867, 1869)
Syn. *Phoxopteryx badiana* (S. V.); MANN 1857
Syn. *Phoxopteryx lundana* (Fabricius, 1775); ABAFI-AIGNER et al. 1896
Syn. *Ancylis lundana* (Fabricius, 1775); REBEL 1904, coll. Koča, KOČA 1925, coll. Igalffy
- ***Ancylis comptana*** (Frölich, 1828); K, P, M
REBEL (1903, 1904), KENNEL 1908-1921, CARNELUTTI 1994, HABELER 2003, Split, Srijane, 10.08.2008, 1 ex., leg. Graf, coll. Graf; Zadar, Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 4 ex., leg. Berggren, coll. Berggren; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 14.06.2019, 1 ex., leg. Berggren, coll. Berggren; Vir, 0m, 44.282802°N 15.127520°E, 18.06.2019, 7 ex., leg. Aarvik, coll. NHMO, 7 ex., leg. Berggren, coll. Berggren
Syn. *Phoxopteryx comptana* (Frölich, 1828); MANN 1857, ABAFI-AIGNER et al. 1896
Syn. *Grapholita comptana* (Froel.); MANN (1867, 1869)
- ***Ancylis laetana*** (Fabricius, 1775); K, P, M
REBEL 1904, coll. Koča, KOČA 1925, Klek, 01.07.1996, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Aarvik., coll. NHMO
Syn. *Phoxopteryx laetana* (F.); REBEL 1895
- ***Ancylis mitterbacheriana*** (Denis & Schiffermüller, 1775); K, P, M
REBEL (1903, 1904), KENNEL 1908-1921, coll. Koča, KOČA 1925, KOREN 2015
Syn. *Grapholita mitterbacheriana* (S.V.); MANN (1867, 1869)
Syn. *Phoxopteryx mitterbacheriana* (Denis & Schiffermüller, 1775); MANN 1857, REBEL 1895, ABAFI-AIGNER et al. 1896
- ***Ancylis obtusana*** (Haworth, 1811); P, M
Split, Vrlika, 18.08.2001, 1 ex., leg. Graf, coll. Graf
Syn. *Grapholita obtusana* (Hw.); MANN 1867
- ***Ancylis paludana*** (Barrett, 1871); M
HABELER 2003
- ***Ancylis selenana*** (Guenée, 1845); M
REBEL 1904, KENNEL 1908-1921
Syn. *Grapholita selenana* (Z.); REBEL 1891
- ***Ancylis tineana*** (Hübner, 1799); P
Syn. *Grapholita tineana* (Hb.); MANN 1867
- ***Ancylis uncella*** (Denis & Schiffermüller, 1775); P
Syn. *Grapholita uncella* (S.V.); MANN 1867
Syn. *Phoxopteryx uncella* (Hübner, 1813); ABAFI-AIGNER et al. 1896
- ***Ancylis unculana*** (Haworth, 1811); K, P, M
Umag, 02.06.1988, 2 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)
Syn. *Grapholita derasana* (Hb.); MANN (1867, 1869)
Syn. *Phoxopteryx derasana* (Hübner, 1813); MANN 1857, ABAFI-AIGNER et al. 1896
Syn. *Ancylis derasana* (Hb.); KENNEL 1908-1921, coll. Koča, KOČA 1925
- ***Ancylis unquicella*** (Linnaeus, 1758); P, M
KENNEL 1908-1921
Syn. *Grapholita unquicella* (L.); MANN (1867, 1869)

Syn. *Phoxopteryx unguicella* (Linnaeus, 1758); MANN 1857, ABAFI-AIGNER *et al.* 1896

*****Ancylis upupana*** (Treitschke, 1835), K, M

coll. Koča, Koča 1925

Syn. *Phoxopteryx upupana* (Treitschke, 1829); MANN 1857, ABAFI-AIGNER *et al.* 1896

Enarmonia Hübner, 1826

*****Enarmonia formosana*** (Scopoli, 1763); K, M

Syn. *Carpocapsa woerberiana* (S. V.); MANN 1857

Syn. *Grapholita woerberiana* (Schiff.); MANN 1869, ABAFI-AIGNER *et al.* 1896, REBEL (1903, 1904, 1913), coll. Koča, Koča 1925

Eucosminii

Crocidosema Zeller, 1847

****Crocidosema plebejana*** (Zeller, 1847); K, M

REBEL 1891, GALVAGNI 1909, coll. Koča, Koča 1925, KLIMESCH 1942, NEUSTETTER 1956, CARNELUTTI 1994, HABELER 2003, GOMBOC & SULE 2022, Krk, Krk town, 02.08.2007, leg. Baldizzone, coll. Baldizzone; Požega, Seoci, 13.08.2008, 1 ex., leg. Graf, coll. Graf; Krk, Poljica, 15.07.2012, leg. Baldizzone, coll. Baldizzone; Krk, Punat-Stara Baška, Konobe, 26.05.2018, leg. Baldizzone, coll. Baldizzone; Krk, Poljica-Čavlena, 21.08.2023, leg. Baldizzone, coll. Baldizzone; Krk, Vrbnik, Sveti Marek, 10.09.2023, leg. Baldizzone, coll. Baldizzone; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 3 ex., leg. Berggren, coll. Berggren, 1 ex., leg. Aarvik, coll. NHMO; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 14.06.2019, 1 ex., leg. Berggren, coll. Berggren; Krk, Garica-Vrbnik, Kolmanica, 190m, 15.06.2019, leg. Baldizzone, coll. Baldizzone; Zadar, Zaton Obrovački, 152m, 44.249957°N 15.680583°E, 16.06.2019, 1 ex., leg. Berggren, coll. Berggren

Epiblema Hübner, 1825

*****Epiblema cirsiana*** (Zeller, 1843); P, M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, Pelješac, Ston, 16.08.2001, 1 ex., leg. Graf, coll. Graf; Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Berggren, coll. Berggren; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 29.05.2018, 1 ex., leg. Berggren, coll. Berggren; Zadar, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 1 ex., leg. Aarvik, coll. NHMO

Syn. *Paedisca cirsiana* (Z.); MANN 1857

Syn. *Grapholita cirsiana* (Zeller, 1843); ABAFI-AIGNER *et al.* 1896

*****Epiblema cnicicolana*** (Zeller, 1847); M

PRÖSE 1988, Krk, Branušine, Mt. Hlam, 180m, 09.06.2010, 22.06.2013, leg. Baldizzone, coll. Baldizzone; Krk, Poljica, 10.07.2012, leg. Baldizzone, coll. Baldizzone

*****Epiblema costipunctana*** (Haworth, 1811); M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, Krk, Mt. Hlam, Mestinjak, 170m, 14.07.2015, leg. Baldizzone, coll. Baldizzone

Syn. *Epiblema trigeminana* (Stephens, 1829); REBEL 1910

*****Epiblema chretieni*** Obraztsov, 1952; M

Krk, Branušine, Mt. Hlam, 180m, 20.06.2013, leg. Baldizzone, coll. Baldizzone, det. Nel

*****Epiblema foenella*** (Linnaeus, 1758); K, P, M

coll. Koča, Koča 1925, CARNELUTTI 1994, KOREN 2015, Rabac, 22.06.1983, 4 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Syn. *Epiblema pflugiana* (Hw.); REBEL (1903, 1904)

Syn. *Grapholita pflugiana* (Haworth, 1811); ABAFI-AIGNER *et al.* 1896

*****Epiblema graphana*** (Treitschke, 1835); M

REBEL 1903, CARNELUTTI 1994, Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 10 ex., leg. Berggren, coll. Berggren, 6 ex., leg. Aarvik, coll. NHMO; Zadar, Zaton Obrovački, 152m, 44.249957°N 15.680583°E, 16.06.2019, 1 ex., leg. Berggren, coll. Berggren; Marinovići, 493m, 44.153358°N 15.685482°E, 17.06.2019, 2 ex., leg. Berggren, coll. Berggren, 2 ex., leg. Aarvik, coll. NHMO

Syn. *Paedisca graphana* (Hb.); MANN 1857

Syn. *Grapholita graphana* (Treitschke, 1829); MANN 1869, ABAFI-AIGNER et al. 1896

*****Epiblema hepaticana*** (Treitschke, 1835); K, P, M

ABAFI-AIGNER 1903, REBEL 1904, HABELER 2003

Syn. *Paedisca hepaticana* (Tr.); MANN 1857

Syn. *Grapholita hepaticana* (Treitschke, 1829); MANN 1867, ABAFI-AIGNER et al. 1896, WOCKE 1871

*****Epiblema inulivora*** (Meyrick, 1932); P, M

Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 2 ex., leg. Aarvik, coll. NHMO; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 29.05.2018, 2 ex., leg. Berggren, coll. Berggren, 1 ex., leg. Aarvik, coll. NHMO; 14.06.2019, 1 ex., leg. Aarvik, coll. NHMO

Syn. *Epiblema obscurana* (Herrich-Schäffer, 1851); REBEL 1903, HABELER 2003

Syn. *Paedisca obscurana* (H. Sch.); MANN 1857

*****Epiblema junctana*** (Herrich-Schäffer, 1856); M

Syn. *Grapholita junctana* (H.S.); MANN 1869

Syn. *Notocelia junctana* (H.S.); KENNEL 1908-1921

*****Epiblema sarmatana*** (Christoph, 1872); M

ŠUMPICH 2013

Syn. *Epiblema fuchsiana* (Rössler, 1877); STAUDER 1914, HABELER 2003, TREMATERRA & BALDIZZONE 2004

*****Epiblema scutulana*** (Denis & Schiffermüller, 1775); K, P, M

HABELER 2003, FAZEKAS 2009, Klek, 01.07.1996, 2 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Split, Budimir, 14.08.2001, 1 ex., leg. Graf, coll. Graf; Krk, Kampilje, 21.04.2006, leg. Baldizzone, coll. Baldizzone; Krk, Dolovo, 12.07.2007, leg. Baldizzone, coll. Baldizzone

Syn. *Paedisca scutulana* (S. V.); MANN 1857

Syn. *Grapholita scutulana* (S.V.); MANN (1867, 1869)

Syn. *Epiblema luctuosana* (Dup.); REBEL (1904, 1914), coll. Koča, Koča 1925

*****Epiblema simploniana*** (Duponchel, 1835); M

REBEL 1910, TREMATERRA & BALDIZZONE 2004

Syn. *Paedisca sublimana* (H. Sch.); MANN 1857

*****Epiblema sticticana*** (Fabricius, 1794); K, P, M

Syn. *Grapholita brunichiana* (Hübner, 1825); MANN 1867, ABAFI-AIGNER et al. 1896

Syn. *Epiblema brunnichiana* (Froel.); REBEL 1904, coll. Koča, Koča 1925

*****Epiblema turbidana*** (Treitschke, 1835); K, P

REBEL 1903

Syn. *Paedisca turbidana* (Tr.); REBEL 1895

Epinotia Hübner, 1825

*****Epinotia abbreviana*** (Fabricius, 1794); M

HABELER 2003, Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Steganoptycha trimaculana* (Fabricius, 1794); ABAFI-AIGNER et al. 1896, SCHAWERDA 1921

*****Epinotia bilunana*** (Haworth, 1811); M

Syn. *Grapholita bilunana* (Haworth, 1811); ABAFI-AIGNER *et al.* 1896

*****Epinotia brunnichiana*** (Linnaeus, 1767); P, M

Klek, 01.07.1996, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Syn. *Paedisca brunnichiana* (S. V.); MANN 1857, REBEL 1895

****Epinotia dalmatana*** (Rebel, 1891); M

GOMBOC & SULE 2022, near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 29.05.2018, 4 ex., leg. Aarvik, coll. NHMO, 1 ex., leg. Berggren, coll. Berggren, 04.06.2018, 3 ex., leg. Aarvik, coll. NHMO, 7 ex., leg. Berggren, coll. Berggren, 14.06.2019, 1 ex., leg. Berggren, coll. Berggren; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zadar, Kruševo E, 306m, 44.175422°N 15.666627°E, 09.06.2019, 1 ex., leg. Aarvik, coll. NHMO

Syn. *Eucosma dalmatana* (Rebel, 1891); HABELER 2003

Syn. *Epiblema dalmatana* (Rbl.); KLIMESCH 1942

Syn. *Grapholitha dalmatana* (Rebel, 1891); REBEL 1891, ABAFI-AIGNER *et al.* 1896

*****Epinotia festivana*** (Hübner, 1799); K, M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, ŠUMPICH 2013, Split, Zelovo, 09.08.2008, 1 ex., leg. Graf, coll. Graf; Zadar, Maticići, 186m, 44.196085°N 15.646325°E, 13.06.2019, 1 ex., leg. Aarvik, coll. NHMO

Syn. *Eucosma festivana* (Hb.); KENNEL 1908-1921

Syn. *Hedya festivana* (Hb.); MANN 1857

Syn. *Pelatea festivana* (Hb.); MANN 1869, WOCKE 1871, ABAFI-AIGNER *et al.* 1896, REBEL (1910, 1912, 1913, 1917), coll. Koča, Koča 1925, KLIMESCH 1942, DANIEL *et al.* 1951

*****Epinotia fraternana*** (Haworth, 1811); M

Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 31.05.2018, 1 ex., leg. Berggren, coll. Berggren

*****Epinotia immundana*** (Fischer von Röslerstamm, 1840); K, P

Syn. *Grapholita immundana* (Fischer von Röslerstamm, 1840); MANN 1867, ABAFI-AIGNER *et al.* 1896

Syn. *Epiblema immundana* (F.); coll. Koča, Koča 1925

*****Epinotia kochiana*** (Herrich-Schäffer, 1851); M

Klek, 01.07.1996, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Syn. *Paedisca kochiana* (H. S.); MANN 1857

Syn. *Grapholita kochiana* (Herrich-Schäffer, 1851); ABAFI-AIGNER *et al.* 1896

*****Epinotia nisella*** (Clerck, 1759); K, M

HABELER 2003, Klek, 01.07.1996, 4 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Syn. *Epiblema nisella* (Clerck, 1759); coll. Koča

*****Epinotia subocellana*** (Donovan, 1806); P

Syn. *Paedisca subocellana* (Don.); REBEL 1895

*****Epinotia subsequana*** (Haworth, 1811); K, M

Zadar, Mazin, 1050m, 44.4806°N 15.9893°E, 27.05.2018, 3 ex., 01.06.2018, 1 ex., leg. Berggren, coll. Berggren

Syn. *Semasia subsequana* (Hw.); KENNEL 1908-1921

Syn. *Steganoptycha abiegana* (Duponchel, 1836); ABAFI-AIGNER *et al.* 1896

*****Epinotia tedella*** (Clerck, 1759); K, P, M

CARNELUTTI 1994, NP North Velebit, Mt. Zavižan, 1520m, 44°48'45"N 14°58'34"E, 19.07.2023, 1 ex., leg. Baldizzone, coll. Baldizzone

Syn. *Epiblema tedella* (Cl.); REBEL 1904

- Syn. *Paedisca tedella* (Cl.); REBEL 1895
 Syn. *Grapholita tedella* (Clerck, 1759); ABAFI-AIGNER et al. 1896
- ***Epinotia tenerana*** (Denis & Schiffermüller, 1775); K, M
 Syn. *Grapholita penkleriana* (Fischer von Röslerstamm, 1840); MANN 1869, ABAFI-AIGNER et al. 1896
 Syn. *Epiblema penkleriana*; MANN 1857, KOČA 1925, coll. Koča
- ***Epinotia tetraquetra*** (Haworth, 1811); K, P
 Syn. *Grapholita tetraquetra* (Haworth, 1811); MANN 1867, ABAFI-AIGNER et al. 1896
 Syn. *Epiblema tetraquetra* (Haworth, 1811); KOČA 1925, coll. Koča
- ***Epinotia thapsiana*** (Zeller, 1847); P, M
 GOMBOC & SULE 2022, Pelješac, Ston, 11.08.2008, 1 ex., leg. Graf, coll. Graf; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 29.05.2018, 1 ex., leg. Aarvik, coll. NHMO, 04.06.2018, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 05.06.2018, 2 ex., leg. Aarvik, coll. NHMO; NP North Velebit, Alan, 1300m, 44°43'18"N 14°58'06"E, 30.06.2022, 1 ex., leg. Baldizzone, coll. Baldizzone, NP North Velebit, Mt. Zavižan, 1520m, 44°48'45"N 14°58'34"E, 19.07.2023, 4 ex., leg. Baldizzone, coll. Baldizzone
 Syn. *Epiblema thapsiana* (Z.); GALVAGNI 1902, SCHAWERDA 1921, REBEL 1929
 Syn. *Penthina thapsiana* (Z.); MANN 1857
 Syn. *Grapholita thapsiana* (Zeller, 1879); MANN 1869, ABAFI-AIGNER et al. 1896
- ***Epinotia trigonella*** (Linnaeus, 1758); K, P, M
 Syn. *Paedisca similana* (S. V.); MANN 1857
 Syn. *Grapholita similana* (Hübner, 1813); MANN 1867, ABAFI-AIGNER et al. 1896
 Syn. *Epiblema similana* (Hübner, 1813); KOČA 1925, coll. Koča
- Eriopsela*** Guenée, 1845
- ***Eriopsela quadrana*** (Hübner, 1813); M
 Syn. *Steganoptycha quadrana* (Hübner, 1813); ABAFI-AIGNER et al. 1896, REBEL 1903
 Syn. *Paedisca quadrana* (Hb.); MANN 1857
 Syn. *Grapholita quadrana* (Hb.); MANN 1869
 Syn. *Semasia quadrana* (Hb.); KENNEL 1908-1921
- Eucosma*** Hübner, 1823
- ***Eucosma albidulana*** (Herrich-Schäffer, 1851); M
 HABELER 2003, TREMATERRA & BALDIZZONE 2004, ŠUMPICH 2013, Pelješac, Ston, 16.08.2001, 1 ex., leg. Graf, coll. Graf; Krk, Mt. Hlam, Branušine, 180m, 03.09.2005, 29.07.2008, 16.07.2015, 23.08.2015, leg. Baldizzone, coll. Baldizzone; Split, Zelovo, 09.08.2008, 1 ex., leg. Graf, coll. Graf; Krk, Mali Hlam, Žanac-Bojno, suha Rečina valley, 17.08.2010, leg. Baldizzone, coll. Baldizzone; Omiš, 11.08.2015, 1 ex., leg. Graf, coll. Graf
 Syn. *Epiblema albidulana* (Herrich-Schäffer, 1849); REBEL 1913a
 Syn. *Grapholita albidulana* (Herrich-Schäffer, 1849); MANN 1857, ABAFI-AIGNER et al. 1896
- **Eucosma albuneana*** (Zeller, 1847); M
 Syn. *Epiblema albuneana* (Z.); PROHASKA 1922
 Syn. *Grapholita albuneana* (Zll.); MANN 1869
- ***Eucosma aspidiscana*** (Hübner, 1817); M
 Syn. *Grapholita aspidiscana* (Hb.); MANN 1857, ABAFI-AIGNER et al. 1896
 Syn. *Semasia aspidiscana* (Hb.); REBEL 1904
 Syn. *Grapholitha zachana* (Tr.); MANN 1857
- ***Eucosma balatonana*** (Osthelder, 1937); P, M
 HABELER 2003, Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Aarvik., coll. NHMO

*****Eucosma campoliliana*** (Denis & Schiffermüller, 1775); M

HABELER 2003

*****Eucosma cana*** (Haworth, 1811); K, P, M

HABELER 2003, KOREN 2015, NP North Velebit, Mt. Zavižan, 1520m, 44°48'45"N 14°58'34"E, 19.07.2023, 4 ex., 25.07.2018, 11 ex., leg. Baldizzone, coll. Baldizzone

Syn. *Epiblema cana* (Hw.); REBEL (1904, 1912), coll. Koča, Koča 1925

****Eucosma conformana*** (Mann, 1872); K, M

Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 5 ex., barcoded, leg. Berggren, coll. Berggren; Zadar, Marinovići, 493m, 44.153358°N 15.685482°E, 17.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Grapholita conformana* (Mn.); MANN 1869, STAUDINGER 1879, KOČA 1925

Syn. *Grapholita umbratana* (Staudinger, 1879); STAUDINGER 1879, REBEL 1891, coll. Koča

Syn. *Epiblema umbratana* (Stgr.); ABAFI-AIGNER 1903

*****Eucosma conterminana*** (Guenée, 1845); K, M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, ŠUMPICH 2013, GOMBOC & SULE 2022, Split, Srijane, 10.08.2008, 1 ex., leg. Graf, coll. Graf; Krk, Poljica, 15.07.2012, leg. Baldizzone, coll. Baldizzone; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Vir, 0m, 44.282802°N 15.127520°E, 18.06.2019, 1 ex., leg. Aarvik, coll. NHMO

Syn. *Grapholita conterminana* (H.-S.); REBEL 1891

Syn. *Semasia conterminana* (Hs.); REBEL 1904, KENNEL 1908-1921, REBEL 1917, SCHAWERDA 1921, coll. Koča, Koča 1925, NEUSTETTER 1956

*****Eucosma cumulana*** (Guenée, 1845); M

Zadar, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 1 ex., barcoded, leg. Berggren, coll. Berggren

*****Eucosma fervidana*** (Zeller, 1847); M

Syn. *Grapholita fervidana* (Zll.); MANN 1869

*****Eucosma fulvana*** (Stephens, 1834); K, M

Syn. *Epiblema fulvana* (Stph.); REBEL 1904, PROHASKA 1922, coll. Koča, Koča 1925

The species belongs to *hohenwartiana* group revised by AGASSIZ & LANGMAID (2004).

****Eucosma gradensis*** (Galvagni, 1909); M

Syn. *Semasia gradensis* (Galvagni, 1909); GALVAGNI 1909

*****Eucosma hohenwartiana*** (Denis & Schiffermüller, 1775); P, M

TREMATERRA & BALDIZZONE 2004, Istria, Valica, 22.08.2001, 1 ex., leg. Graf, coll. Graf

Syn. *Grapholita hohenwartiana* (S.V.); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896

Syn. *Grapholitha jaceana* (Z.); MANN 1857

The species is part of *hohenwartiana* group revised by AGASSIZ & LANGMAID (2004).

*****Eucosma metzneriana*** (Treitschke, 1830); M

Rabac, 22.06.1983, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Syn. *Grapholita metzneriana* (Tr.); MANN 1869

Syn. *Semasia metzneriana* (Tr.); KENNEL 1908-1921

*****Eucosma obumbratana*** (Lienig & Zeller, 1846); P, M

Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 3 ex., leg. Aarvik, coll. NHMO

Syn. *Epiblema expallidana* (Hw.); REBEL 1919

*****Eucosma parvulana*** (Wilkinson 1859); M

Krk, Mt. Hlam, Branušine, 180m, 13.08.2015, leg. Baldizzone, coll. Baldizzone, det. Nel

*****Eucosma pupillana*** (Clerck, 1759); M

CARNELUTTI 1994, TREMATERRA & BALDIZZONE 2004, Krk, Poljica, 01.08.2005, leg. Baldizzzone, coll. Baldizzzone

Syn. *Semasia pupillana* (Clerck, 1759); REBEL (1903, 1904), KENNEL 1908-1921, SCHAWERDA 1921

Syn. *Grapholita pupillana* (L.); MANN 1869

Gypsonoma Meyrick, 1895

***Gypsonoma aceriana* (Duponchel, 1843); K, P, M

Pelješac, Ston, 11.08.2008, 1 ex., leg. Graf, coll. Graf; Požega, Seoci, 13.08.2008, 1 ex., leg. Graf, coll. Graf

Syn. *Paedisca aceriana* (Dup.); REBEL 1895, MACELJSKI 1999

***Gypsonoma dealbana* (Frölich, 1828); M

Syn. *Penthina dealbana* (Fröhl.); MANN 1857

***Gypsonoma minutana* (Hübner, 1799); M

HABELER 2003

Syn. *Grapholita minutana* (Hb.); MANN 1869

***Gypsonoma oppressana* (Treitschke, 1835); M

Syn. *Sciaphila oppressana* (Tr.); MANN 1857

Syn. *Steganoptycha oppressana* (Treitschke, 1829); ABAFI-AIGNER et al. 1896

***Gypsonoma sociana* (Haworth, 1811); K, P, M

Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Aarvik., coll. NHMO, 1 ex., leg. Berggren, coll. Berggren; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 29.05.2018, 1 ex., leg. Berggren, coll. Berggren

Syn. *Steganoptycha incarnana* (Haworth, 1811); ABAFI-AIGNER et al. 1896

Syn. *Gypsonoma incarnana* (Haworth, 1811); REBEL 1904, coll. Koča, Koča 1925, NEUSTETTER 1956

Notocelia Hübner, 1825

***Notocelia cynosbatella* (Linnaeus, 1758); K, P, M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, KOREN 2015, Rabac, 22.06.1983, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Krk, Kappelje, 01.05.2007, leg. Baldizzzone, coll. Baldizzzone; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter

Syn. *Grapholita cynosbana* (Fabricius, 1775); MANN 1869, ABAFI-AIGNER et al. 1896

Syn. *Grapholitha tripunctana* (S.V.); ABAFI-AIGNER et al. 1896

Syn. *Epiblema tripunctana* (F.); REBEL (1903, 1904), SCHAWERDA 1921, PROHASKA 1922, REBEL 1924, coll. Koča, Koča 1925, KLIMESCH 1942

***Notocelia incarnatana* (Hübner, 1800); M

PROHASKA 1922, HABELER 2003, GOMBOC & SULE 2022

***Notocelia mediterranea* (Obraztsov, 1952); P

TOKÁR et al. 2021, Lika-Senj, Korenica, 19.08.2001, 1 ex., leg. Graf, coll. Graf

***Notocelia roborana* (Denis & Schiffermüller, 1775); K, P, M

ABAFI-AIGNER 1903, REBEL (1903, 1904, 1914), SCHAWERDA 1921, PROHASKA 1922, REBEL 1924, CARNELUTTI 1994, HABELER 2003, Lika-Senj, Korenica, 19.08.2001, 1 ex., leg. Graf, coll. Graf

Syn. *Grapholita roborana* (S.V.); MANN (1867, 1869)

Syn. *Penthina roborana* (S. V.); MANN 1857

***Notocelia trimaculana* (Haworth, 1811); K, P, M

Syn. *Notocelia suffusana* (Z.); REBEL (1903, 1904, 1914), SCHAWERDA 1921, Koča 1925, coll. Igalffy

Syn. *Penthina suffusana* (Z.); MANN (1857, 1867)

Syn. *Grapholita suffusana* (Zeller, 1839); MANN 1869, ABAFI-AIGNER et al. 1896

*****Notocelia uddmanniana*** (Linnaeus, 1758); K, M

REBEL 1904, SCHAWERDA 1921, coll. Koča, KOČA 1925, DANIEL *et al.* 1951, HABELER 2003, KOREN 2015, GOMBOC & SULE 2022, Brač, Vidova Gora, 680m, 43°17'29.4"N 16°36'32.4"E, 28.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Vinkovci, 13.08.1973, 6 ex., leg. Baldizzone, coll. Baldizzone

Syn. *Grapholita uddmanniana* (L.); MANN 1869

Syn. *Aspis uddmanniana* (Linnaeus, 1758); MANN 1857, ABAFI-AIGNER *et al.* 1896

Pelochrista Lederer, 1859****Pelochrista agrestana*** (Treitschke, 1830); K, M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004; Krk, Kampelje, 05.08.2004, 28.07.2005, 18.08.2006, leg. Baldizzone, coll. Baldizzone; Požega, Seoci, 13.08.2008, 1 ex., leg. Graf, coll. Graf; Krk, Punat, Hrusta, 230m, 31.08.2017, leg. Baldizzone, coll. Baldizzone; Krk, Garica-Vrbnik, Kolmanica, 190m, 01.08.2017, 18.07.2018, leg. Baldizzone, coll. Baldizzone; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 14.06.2019, 1 ex., leg. Berggren, coll. Berggren; Vir, Om, 44.282802°N 15.127520°E, 18.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Epiblema agrestana* (Treitschke, 1830); GALVAGNI 1909, ZERNY 1920, NEUSTETTER 1956

Syn. *Grapholita agrestana* (Tr.); MANN 1869

*****Pelochrista caecimaculana*** (Hübner, 1799); K, P, M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, Krk, Dolovo, 04.07.2007, leg. Baldizzone, coll. Baldizzone; Krk, Jezero, 15.08.2008, leg. Baldizzone, coll. Baldizzone; Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 2 ex., leg. Aarvik, coll. NHMO; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 29.05.2018, 1 ex., leg. Berggren, coll. Berggren, 04.06.2018, 1 ex., leg. Berggren, coll. Berggren, 1 ex., barcoded, leg. Berggren, coll. Berggren; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Zadar, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 2 ex., barcoded, leg. Berggren, coll. Berggren; Krk, Garica-Vrbnik, Kolmanica, 190m, 15.06.2019, leg. Baldizzone, coll. Baldizzone

Syn. *Epiblema caecimaculana* (Hb.); REBEL 1904, SCHAWERDA 1921, KOČA 1925, coll. Koča

Syn. *Grapholita caecimaculana* (Hübner, 1813); MANN (1857, 1867, 1869), WOCKE 1871, ABAFI-AIGNER *et al.* 1896

****Pelochrista fuscilana*** (Zeller, 1847); M

Syn. *Epiblema fuscilana* (Z.); REBEL 1913

*****Pelochrista hepatariana*** (Herrich-Schäffer, 1851); M

TREMATERRA & BALDIZZONE 2004

Syn. *Grapholita hepatariana* (H.S.); MANN 1869

Syn. *Epiblema hepatariana* (H.S.); REBEL 1903

*****Pelochrista infidana*** (Hübner, [1824]); M

Umag, 02.06.1988, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

****Pelochrista latericana*** (Rebel, 1919); P

Syn. *Epiblema latericana* (Rebel, 1919); PRINZ 1919

*****Pelochrista lugubrana*** (Treitschke, 1830); M

Lepiforum-Baška voda, 25.05.1979, 1 ex., ZSM, coll. Klimesch, Krk, Kampelje, 01.05.2007, 04.05.2008, leg. Baldizzone, coll. Baldizzone; Krk, Picik, 29.04.2007, 08.05.2008, leg. Baldizzone, coll. Baldizzone

Syn. *Eucosma lugubrana* (Treitschke, 1830); HABELER 2003

*****Pelochrista modicana*** (Zeller, 1847); P, M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 14.06.2019, 1 ex., dissected, leg. Aarvik, coll. NHMO

Syn. *Epiblema modicana* (Zeller, 1839); REBEL (1903, 1914)

Syn. *Grapholita modicana* (Zeller, 1839); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896

- *Pelochrista mollitana** (Zeller, 1847); M
 CARNELUTTI 1994, HABELER (1998, 2003), GOMBOC & SULE 2022, near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 04.06.2018, 1 ex., leg. Aarvik, coll. NHMO, 1 ex., leg. Berggren, coll. Berggren; Vir, 0m, 44.282802°N 15.127520°E, 18.06.2019, 1 ex., leg. Aarvik, coll. NHMO, 1 ex., leg. Berggren, coll. Berggren
 Syn. *Grapholita commodestana* (Rssl.); REBEL 1891
 Syn. *Epiblema commodestana* (Rössl.); GINZBERGER 1916, REBEL 1919, KLIMESCH 1942
- **Pelochrista subtiliana** (Jäckh, 1960); M
 Krk, Mt. Hlam, Branušine, 180m, 09.06.2010, 22.06.2013, leg. Baldizzone, coll. Baldizzone
- Phaneta** Stephens, 1852
****Phaneta pauperana** (Duponchel, 1843); M
 HABELER 2003
 Syn. *Steganoptycha pauperana* (Dup.); REBEL 1891
- Pseudococcyx** Swatschek, 1958
****Pseudococcyx tessulatana** (Staudinger, 1871); M
 HABELER 2003, ŠUMPICH 2013, GOMBOC & SULE 2022, Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter
 Syn. *Evetria tessulatana* (Stgr.); REBEL (1913, 1914), PROHASKA 1922
- Retinia** Guenée, 1845
****Retinia resinella** (Linnaeus, 1758); M
 CARNELUTTI 1994
- Rhopobota** Lederer, 1859
****Rhopobota myrtillana** (Humphreys & Westwood, 1845); M
 Krk, Čižići, 2,5 km N, 01.05.2004, leg. Baldizzone, coll. Baldizzone
****Rhopobota naevana** (Hübner, 1817); M
 ABAFI-AIGNER *et al.* 1896, TREMATERRA & BALDIZZONE 2004
 Syn. *Phoxopteryx naevana* (Hb.); MANN 1857
****Rhopobota stagnana** (Denis & Schiffermüller, 1775); P, M
 HABELER 2003, TREMATERRA & BALDIZZONE 2004
 Syn. *Grapholita fractifasciana* (Hw.); MANN (1867, 1869)
 Syn. *Steganoptycha fractifasciana* (Haworth, 1811); ABAFI-AIGNER *et al.* 1896, REBEL 1913, SCHAWERDA 1921
- Rhyacionia** Hübner, 1825
****Rhyacionia buoliana** (Denis & Schiffermüller, 1775); K, M
 CARNELUTTI 1994, HABELER (1998, 2003), KOREN 2015, GOMBOC & SULE 2022, near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 29.05.2018, 1 ex., leg. Aarvik, coll. NHMO; Krk, Obzova, Vrske, 410m, 02.06.2018, leg. Baldizzone, coll. Baldizzone; Brač, Sutivan, 20m, 43°23'12.0"N 16°28'04.0"E, 27.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Brač, Vidova Gora, 680m, 43°17'29.4"N 16°36'32.4"E, 28.08.2018, 4 ex., leg. Gumhalter, coll. Gumhalter
 Syn. *Evetria buoliana* (Denis & Schiffermüller, 1775); GALVAGNI 1909, STAUDER 1914, SCHAWERDA 1921, coll. Koča
 Syn. *Retinia buoliana* (Denis & Schiffermüller, 1775); ABAFI-AIGNER *et al.* 1896
****Rhyacionia duplana** (Hübner, 1813); M
 HABELER 2003
***Rhyacionia hafneri** (Rebel, 1937); M
 CARNELUTTI 1994, HUEMER 2003
 Syn. *Evetria hafneri* (Rebel, 1937); REBEL 1937
****Rhyacionia pinicolana** (Doubleday, 1849); M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, Krk, Branušine, Mt. Hlam, 180m, 21.07.2010, leg. Baldizzone, coll. Baldizzone

Spilonota Stephens, 1829

***Spilonota ocellana* (Denis & Schiffermüller, 1775); M

CARNELUTTI 1994, MACELJSKI 1999, HABELER 2003, Krk, Punat-Stara Baška, Terstenova, 18.06.2013, leg. Baldizzone, coll. Baldizzone; Krk, Obzova, Vrske, 410m, 02.06.2018, leg. Baldizzone, coll. Baldizzone; Zadar, Marinovići, 493m, 44.153358°N 15.685482°E, 17.06.2019, 1 ex., leg. Berggren, coll. Berggren; Krk, Punat, Negrit, 16.06.2021, leg. Baldizzone, coll. Baldizzone, det. Nel

Syn. *Penthina ocellana* (S. V.); MANN 1857

Syn. *Tmetocera ocellana* (F.); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896, REBEL 1904, SCHAWERDA 1921, coll. Koča, coll. Koča, DANIEL *et al.* 1951

Thiodia Hübner, 1825

***Thiodia citrana* (Hübner, 1799); K, P, M

KENNEL 1908-1921, Klek, 01.07.1996, 3 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zadar, Zaton Obrovački, 152m, 44.249957°N 15.680583°E, 16.06.2019, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Marinovići, 493m, 44.153358°N 15.685482°E, 17.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Semasia citrana* (Hübner, 1799); REBEL (1903, 1904)

Syn. *Grapholita citrana* (Hb.); MANN (1857, 1867, 1869), ABAFI-AIGNER *et al.* 1896

***Thiodia lerneana* (Treitschke, 1835); K, M

Syn. *Grapholita lerneana* (Tr.); MANN 1869

Syn. *Semasia lerneana* (Tr.); KENNEL 1908-1921

***Thiodia major* (Rebel, 1903); M

HABELER 2003

***Thiodia torridana* (Lederer, 1859); P, M

KOREN 2016, Split, Zelovo, 09.08.2008, 1 ex., leg. Graf, coll. Graf

***Thiodia trochilana* (Frölich, 1828); M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, ŠUMPICH 2013, Split, Peručko jezero, Dabar, 19.08.2008, 1 ex., leg. Graf, coll. Graf; Krk, Punat-Stara Baška, 26.05.2018, leg. Baldizzone, coll. Baldizzone; Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 05.06.2018, 2 ex., leg. Aarvik, coll. NHMO; Krk, Garica-Vrbnik, Kolmanica, 190m, 18.07.2018, leg. Baldizzone, coll. Baldizzone; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Kruševo E, 306m, 44.175422°N 15.666627°E, 09.06.2019, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 1 ex., barcoded, leg. Aarvik, coll. NHMO; Zadar, Marinovići, 493m, 44.153358°N 15.685482°E, 17.06.2019, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 2 ex., leg. Berggren, coll. Berggren; Zadar, Matici, 186m, 44.196085°N 15.646325°E, 13.06.2019, 2 ex., leg. Berggren, coll. Berggren

Syn. *Grapholita delitana* (F.R.); MANN 1869

Syn. *Steganoptycha delitana* (Fabricius, 1775); ABAFI-AIGNER *et al.* 1896, GINZBERGER 1916, PROHASKA 1922

Syn. *Paedisca delitana* (F. R.); MANN 1857

Syn. *Epinotia delitana* (F.); KLIMESCH 1942

Zeiraphera Treitschke, 1829

***Zeiraphera griseana* (Hübner, 1799); M

CARNELUTTI 1994, HABELER 2003, Krk, Poljica-Uvala Čavlena, 02.07.2007, leg. Baldizzone, coll. Baldizzone

*****Zeiraphera isertana*** (Fabricius, 1794); K, M

CARNELUTTI 1994, HABELER 2003, Krk, Mt. Hlam, Branušine, 180m, 09.06.2010, 20.06.2013, 07.07.2015, leg. Baldizzone, coll. Baldizzone, det. Nel; Krk, Picik, 14.06.2010, leg. Baldizzone, coll. Baldizzone, det. Nel; Krk, Poljica, 10.07.2012, 11.08.2012, leg. Baldizzone, coll. Baldizzone, det. Nel; Krk, Punat-Stara Baška, Terstenova, 18.06.2013, leg. Baldizzone, coll. Baldizzone, det. Nel; Krk, Punat, Komobe, 27.05.2017, leg. Baldizzone, coll. Baldizzone, det. Nel

Syn. *Steganoptycha corticana* (Hübner, 1813); ABAFI-AIGNER et al. 1896, REBEL 1904, SCHAWERDA (1920, 1921)

Syn. *Paedisca corticana* (Hb.); MANN 1857

Syn. *Olethreutes corticana* (Hb.); REBEL 1910, coll. Koča

*****Zeiraphera ratzeburgiana*** (Saxesen, 1840); M

Syn. *Steganoptycha binotana* (Wck.); REBEL 1913

Grapholitini

Cydia Hübner, 1825*****Cydia amplana*** (Hübner, 1800); K, M

CARNELUTTI 1994, HABELER 2003

Syn. *Carpocapsa amplana* (Hübner); REBEL 1903, coll. Koča, KOČA 1925, coll. Igalffy

Syn. *Carpocapsa molybdana* (Const.); REBEL 1914, KLIMESCH 1942

*****Cydia conicolana*** (Heylaerts, 1874); M

HABELER 2003

*****Cydia coniferana*** (Saxesen, 1840); M

TREMATERRA & BALDIZZONE 2004, ŠUMPICH 2013

*****Cydia corollana*** (Hübner, 1823); M

Syn. *Grapholita corollana* (Hb.); MANN 1869, REBEL 1904

*****Cydia duplicana*** (Zetterstedt, 1839); P, M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, ŠUMPICH 2013, Krk, Branušine, Mt. Hlam, 180m, 06.05.2008, 23.08.2015, 18.07.2017, leg. Baldizzone, coll. Baldizzone; Krk, Vrbnik, Risika, Sv. Marek, 04.05.2015, leg. Baldizzone, coll. Baldizzone; Zadar, Meka Draga, 120m, 44.1805°N 15.6174°E, 02.06.2018, 1 ex., leg. Aarvik, coll. NHMO

Syn. *Grapholita duplicana* (Zett.); MANN (1867, 1869), ABAFI-AIGNER et al. 1896, REBEL 1913

Syn. *Grapholitha graeca* (Staudinger, 1871); REBEL 1891, GALVAGNI 1902, SCHAWERDA 1921

Syn. *Laspeyresia graeca* (Staudinger, 1871); KLIMESCH 1942

Syn. *Grapholitha interruptana* (Herrich-Schäffer, 1851); MANN 1857

*****Cydia exquisitana*** (Rebel, 1889); M

Syn. *Grapholita exquisitana* (m. nov. spec.); REBEL 1889

*****Cydia fagiglandana*** (Zeller, 1841); K, P, M

HABELER 2003, FAZEKAS 2009, GOMBOC & SULE 2022, Šibenik, Drniš, 15.08.2001, 1 ex., leg. Graf, coll. Graf; Istria, Fažana, 21.08.2001, 1 ex., leg. Graf, coll. Graf; Istria, Valica, 22.08.2001, 1 ex., leg. Graf, coll. Graf; Krk, Poljica-Uvala Čavlena, 02.07.2007, leg. Baldizzone, coll. Baldizzone; Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Berggren, coll. Berggren; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zadar, Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 1 ex., leg. Aarvik, coll. NHMO

Syn. *Carpocapsa fagiglandana* (Heyd.); MANN 1857

Syn. *Carpocapsa grossana* (Haworth, 1811); ABAFI-AIGNER et al. 1896, REBEL (1904, 1912, 1914), SCHAWERDA 1921, KLIMESCH 1942

*****Cydia ilipulana*** (Walsingham, 1903); M

Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 31.05.2018, 2 ex., leg. Berggren, coll. Berggren, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 2 ex., leg. Berggren, coll. Berggren; Zadar, Bruvno, 665m, 44.372°N 15.8785°E, 31.05.2018, 1 ex., barcoded, leg. Berggren, coll. Berggren, 2 ex., leg. Aarvik, coll. NHMO, 03.06.2018, 1 ex., leg. Berggren, coll. Berggren; Zadar, Otrić, Velika Popina 2, 840m, 44.2572°N 16.0727°E, 28.05.2018, 1 ex., leg. Berggren, coll. Berggren; Zadar, Ražanac, Općina, 10m, 44.27556,15.31367, 14.06.2019, 2 ex., leg. Berggren, coll. Berggren; Vir, 0m, 44.282802°N 15.127520°E, 18.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zadar, Gračac, 580m, 44.324713°N 15.857880°E, 16.06.2019, 3 ex., leg. Berggren, coll. Berggren

***Cydia illutana* (Herrich-Schäffer, 1851); M

HABELER (1998, 2003)

***Cydia medicaginis* (Kuznetsov, 1962); M

TREMATERRA & BALDIZZONE 2004

***Cydia microgrammana* (Guenée, 1845); M

TREMATERRA & BALDIZZONE 2004, Krk, Punat, Hrusta, 30.08.2017, 04.06.2018, leg. Baldizzone, coll. Baldizzone; Zadar, Bruvno, 665m, 44.372°N 15.8785°E, 03.06.2018, 1 ex., barcoded, leg. Berggren, coll. Berggren; near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 04.06.2018, 3 ex., barcoded, leg. Aarvik, coll. NHMO, 4 ex., barcoded, leg. Berggren, coll. Berggren, 14.06.2019, 1 ex., leg. Aarvik, coll. NHMO, 3 ex., leg. Berggren, coll. Berggren; Krk, Obzova, Vrske, 410m, 13.07.2018, leg. Baldizzone, coll. Baldizzone; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zadar, Kruševo E, 306m, 44.175422°N 15.666627°E, 09.06.2019, 1 ex., leg. Berggren, coll. Berggren

***Cydia nigricana* (Fabricius, 1794); M

Syn. *Grapholita nigricana* (Stph.); MANN 1869, REBEL 1913

***Cydia pactolana* (Zeller, 1840); P

Syn. *Grapholita pactolana* (Z.); MANN 1867, ABAFI-AIGNER *et al.* 1896

**Cydia pomonella* (Linnaeus, 1758); K, P, M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, PAJAČ *et al.* 2011, KOREN 2015, KOREN & GOMBOC 2017, Rabac, 22.06.1983, 2 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Zagreb, Jarun, 119m, 45°46'38.6"N 15°55'04.5"E, 20.08.2018, 1 ex., leg. Gumhalter, coll. Gumhalter; Zadar, Kruševo E, 306m, 44.175422°N 15.666627°E, 09.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Carpocapsa pomonella* (Linnaeus, 1758); MANN (1857, 1867, 1869), ABAFI-AIGNER *et al.* 1896, GALVAGNI 1902, REBEL (1903, 1913), SCHAWERDA 1921, coll. Koča, coll. Koča

***Cydia pyrivora* (Danilevsky, 1947); M

HABELER 2003

***Cydia semicinctana* (Kennel, 1901); M

HABELER 2003, TREMATERRA & BALDIZZONE 2004; Krk, 06.08.2001, leg. Graf, coll. Graf; Krk, Poljica-Uvala Čavlena, 08.07.2007, leg. Baldizzone, coll. Baldizzone; Krk, Kampelje, 15.07.2007, 10.07.2010, leg. Baldizzone, coll. Baldizzone; Krk, Vrbnik, 07.07.2012, leg. Baldizzone, coll. Baldizzone; Krk, Mt. Hlam, Mestinjak, 170m, 28.06.2015, 30.06.2016, 13.08.2013, leg. Baldizzone, coll. Baldizzone; Krk, Mt. Hlam, Branušine, 180m, 05.07.2015, leg. Baldizzone, coll. Baldizzone

***Cydia splendana* (Hübner, 1799); K, M

TREMATERRA & BALDIZZONE 2004, GOMBOC & SULE 2022, Klek, 01.07.1996, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs); Imotski, 12.08.2008, 1 ex., leg. Graf, coll. Graf

Syn. *Carpocapsa splendana* (Hübner, 1813); MANN (1857, 1869), ABAFI-AIGNER *et al.* 1896, REBEL (1904, 1914), coll. Koča, KLIMESCH 1942

Syn. *Carpocapsa splendana reaumurana* (Hein.); REBEL 1913, KOČA 1925, coll. Koča

***Cydia succedana* (Denis & Schiffermüller, 1775); K, P, M

CARNELUTTI 1994, HABELER 2003, near Pag, Rtina Miletići, 15m, 44.315041°N 15.271700°E, 29.05.2018, 11 ex., leg. Berggren, coll. Berggren, 1 ex., leg. Aarvik, coll. NHMO, 04.06.2018, 7 ex., leg. Aarvik, coll. NHMO, 04.06.2018, 8 ex., leg. Berggren, coll. Berggren, 14.06.2019, 2 ex., leg. Berggren, coll. Berggren; Zadar, Mazin, 1050m, 44.4806°N 15.9893°E, Zadar, Mazin, 1050m, 44.4806°N 15.9893°E, 01.06.2018, 1 ex., leg. Berggren, coll. Berggren, 01.06.2018, 7 ex., leg. Aarvik, coll. NHMO; Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 31.05.2018, 2 ex., leg. Aarvik, coll. NHMO, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zadar, Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 2 ex., leg. Berggren, coll. Berggren

Syn. *Laspeyresia succedana* (Froel.); KLIMESCH 1942

Syn. *Grapholita succedana* (Froel.); MANN (1857, 1867, 1869), ABAFI-AIGNER et al. 1896, REBEL (1903, 1904), GALVAGNI 1909, STAUDER 1914, GINZBERGER 1916, SCHAWERDA 1921

Syn. *Grapholita asseclana* (Hübner, 1800); ABAFI-AIGNER et al. 1896

Syn. *Epiblema asseclana*; KOČA 1925, coll. Koča

*****Cydia ulicetana*** (Haworth, 1811); M

Krk, Branušine, Mt. Hlam, 180m, 10.06.2010, 22.06.2013, leg. Baldizzone, coll. Baldizzone; Krk, Mt. Hlam, Mestinjak, 170m, 24.06.2016, leg. Baldizzone, coll. Baldizzone, det. Nel; Krk, Punat-Stara Baška, Hrasta, 230m, 18.06.2021, leg. Baldizzone, coll. Baldizzone, det. Nel

Dichrorampha Guenée, 1845

*****Dichrorampha acuminatana*** (Lienig & Zeller, 1846); P, M

CARNELUTTI 1994, HABELER 2003, TREMATERRA & BALDIZZONE 2004, Krk, Soline, 30.04.2007, leg. Baldizzone, coll. Baldizzone; Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 2 ex., leg. Berggren, coll. Berggren

*****Dichrorampha aeratana*** (Pierce & Metcalfe, 1915); M

Zadar, Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 3 ex., leg. Berggren, coll. Berggren

*****Dichrorampha alpinana*** (Treitschke, 1830); K, P, M

MANN (1867, 1869), ABAFI-AIGNER et al. 1896, REBEL 1904

Syn. *Grapholitha alpinana* (Tr.); MANN 1857

*****Dichrorampha baixerasana*** (Trematerra, 1991); K, M

KARISCH & STĂNESCU 2005, PASTORÁLIS & SZABÓKY 2013

*****Dichrorampha distinctana*** (Heinemann, 1863); M

ABAFI-AIGNER et al. 1896, HABELER (1998, 2003), TREMATERRA & BALDIZZONE 2004

*****Dichrorampha eximia*** (Danilevsky, 1948); M

HABELER 2003, Krk, Branušine, Mt. Hlam, 180m, 09.06.2010, leg. Baldizzone, coll. Baldizzone, det. Nel; Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 05.06.2018, 2 ex., leg. Aarvik, coll. NHMO, Prezid, 956m, 44.249957°N 15.793714°E, 10.06.2019, 1 ex., barcoded, leg. Berggren, coll. Berggren; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 3 ex., leg. Berggren, coll. Berggren; Zadar, Maticić, 186m, 44.196085°N 15.646325°E, 13.06.2019; 2 ex., leg. Berggren, coll. Berggren; Zadar, Marinovići, 493m, 44.153358°N 15.685482°E, 17.06.2019, 2 ex., dissected, leg. Aarvik, coll. NHMO

*****Dichrorampha heegerana*** (Duponchel, 1843); M

HABELER 2003, TREMATERRA & BALDIZZONE 2004, Krk, Branušine, Mt. Hlam, 180m, 25.07.2008, 29.08.2008, 29.08.2016, leg. Baldizzone, coll. Baldizzone; Krk, Punat, Hrasta, 230m, 20.08.2017, 31.08.2017, leg. Baldizzone, coll. Baldizzone; Krk, Kampelje, Bačini Drmuni, 04.09.2023, 1 ex, leg. Baldizzone, coll. Baldizzone

*****Dichrorampha inconspiqua*** (Danilevsky, 1948); P

North Velebit NP, Mt. Zavizan, 1522m, 19.07.2023, 1 ex., leg. Baldizzone, det. Zlatov, coll. Baldizzone

*****Dichrorampha incuršana*** (Herrich-Schäffer, 1851); M

ABAFI-AIGNER *et al.* 1896

Syn. *Grapholita incuršana* (H.S.); MANN 1869

Syn. *Lipoptycha gruneriana incuršana* (H.S.); REBEL 1904

*****Dichrorampha infuscata*** (Danilevsky, 1960); M

Krk, Branušine, Mt. Hlam, 180m, 05.05.2008, leg. Baldizzzone, coll. Baldizzzone; Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 31.05.2018, 1 ex., leg. Berggren, coll. Berggren

****Dichrorampha pastoralisi*** (Razowski & Tokár, 2003); M

RAZOWSKI & TOKÁR 2003

*****Dichrorampha pentheriana*** (Rebel, 1917); M

Krk, Poljica, 05.09.2011, leg. Baldizzzone, coll. Baldizzzone, det. Nel

*****Dichrorampha petiverella*** (Linnaeus, 1758); K, P, M

MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896, REBEL (1903, 1904), coll. Koča, Koča 1925, HABELER 2003, TREMATERRA & BALDIZZONE 2004, Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Berggren, coll. Berggren; Zadar, Bruvno, 665m, 44.372°N 15.8785°E, 03.06.2018, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Prezid, 780m, 44.2519°N 15.8092°E, 05.06.2018, 1 ex., leg. Berggren, coll. Berggren; Zadar, Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Grapholita petiverella* (L.); MANN 1857

*****Dichrorampha plumbagana*** (Treitschke, 1829); K, P, M

MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896, REBEL 1904, Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Aarvik, coll. NHMO, 3 ex., leg. Berggren, coll. Berggren

Syn. *Grapholita plumbagana* (Tr.); MANN 1857

*****Dichrorampha plumbana*** (Scopoli, 1763); K, P, M

MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896, CARNELUTTI 1994, HABELER 2003, Zadar, Mazin, 1050m, 44.4806°N 15.9893°E, 27.05.2018, 1 ex., 01.06.2018, 2 ex., barcoded, leg. Berggren, coll. Berggren; Zadar, Bruvno, 665m, 44.372°N 15.8785°E, 03.06.2018, 1 ex., leg. Aarvik, coll. NHMO; Zadar, Otrić, Velika Popina 1, 750m, 44.2572°N 16.0727°E, 28.05.2018, 1 ex., leg. Aarvik, coll. NHMO, 1 ex., leg. Berggren, coll. Berggren; Otrić, Velika Popina 3, 1093m, 44.261382°N 16.103147°E, 12.06.2019, 1 ex., leg. Aarvik, coll. NHMO, 12.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Lipoptycha plumbana* (Scopoli, 1763); REBEL (1903, 1904), coll. Koča, Koča 1925

Syn. *Lipoptycha saturnana* (Gn.); coll. Koča, Koča 1925, KLIMESCH 1942

Syn. *Dichrorampha resplendana* (Heinemann, 1863); REBEL 1891

Syn. *Lipoptycha resplendana* (Hein.); ABAFI-AIGNER 1903

*****Dichrorampha senectana*** (Guenée, 1845); M

CARNELUTTI 1994

****Dichrorampha sequana*** (Hübner, 1799); P, M

ABAFI-AIGNER *et al.* 1896, REBEL 1904, Krk, Kampelje, 01.08.2006, leg. Baldizzzone, coll. Baldizzzone; Zadar, Otrić, Velika Popina 2, 840m, 44.2572°N 16.0727°E, 28.05.2018, 1 ex., leg. Aarvik, coll. NHMO

*****Dichrorampha vancouverana*** McDunnough, 1935; M

Klek, 01.07.1996, 1 ex., leg. Fazekas, coll. Fazekas (= Pannon Institute, H-Pécs)

Grapholita Treitschke, 1829

Grapholita subg. *Aspila* Stephens, 1834

*****Grapholita (Aspila) funebrana*** Treitschke, 1835; K, P, M

MANN (1857, 1867), ABAFI-AIGNER *et al.* 1896, REBEL (1904, 1913), coll. Koča, Koča 1925, MACELJSKI 1999, ŠUMPICH 2013, Krk, Krk town, 12.07.2012, leg. Baldizzzone, coll. Baldizzzone

****Grapholita (Aspila) janthinana** (Duponchel, 1843); K, M

REBEL 1903, coll. Koča, KOČA 1925, ŠUMPICH 2013, Krk, Njivice, Jezero, 21.07.2008, leg. Baldizzone, coll. Baldizzone; Zadar, Meka Draga, 120m, 44.1805°N 15.6174°E, 02.06.2018, 1 ex., barcoded, leg. Berggren, coll. Berggren; Krk, Punat, Hrasta, 230m, 04.06.2018, leg. Baldizzone, coll. Baldizzone; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Berggren, coll. Berggren, 2 ex., dissected, leg. Aarvik, coll. NHMO; Krk, Punat, Krasina, 170m, 22.06.2018, leg. Baldizzone, coll. Baldizzone; Zadar, Kruševo E, 306m, 44.175422°N 15.666627°E, 09.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zadar, Marinovići, 493m, 44.153358°N 15.685482°E, 17.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Cydia janthinana* (Duponchel, 1843); CARNELUTTI 1994

Syn. *Coptoloma janthinana* (Duponchel, 1836); MANN 1869, ABAFI-AIGNER et al. 1896

Syn. *Grapholitha incisana* (F. R.); MANN 1857

****Grapholita (Aspila) lobarzewskii** (Nowicki, 1860); P, M

Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 1 ex., leg. Berggren, coll. Berggren

Syn. *Pammene lobarzewskii* (Nowicki, 1860); PROHASKA 1922

****Grapholita (Aspila) molesta** (Busck, 1916); K, M

TREMATERRA & BALDIZZONE 2004, KOREN & GOMBOC 2017

****Grapholita (Aspila) tenebrosana** (Duponchel, 1843); P, M

Krk, Jezero, 22.08.2008, leg. Baldizzone, coll. Baldizzone; Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 3 ex., leg. Berggren, coll. Berggren

Grapholita subg. **Grapholita** Treitschke, 1829****Grapholita (Grapholita) caecana** (Schläger, 1847); P, M

MANN (1857, 1867, 1869), ABAFI-AIGNER et al. 1896

Syn. *Cydia caecana* (Schläger, 1847); CARNELUTTI 1994, HABELER 2003

****Grapholita (Grapholita) compositella** (Fabricius, 1775); K, P, M

MANN (1867, 1869), ABAFI-AIGNER et al. 1896, REBEL 1904, GALVAGNI 1909, REBEL 1913, coll. Koča, KOČA 1925, TREMATERRA & BALDIZZONE 2004, Biokovo, Gornja Podgora, 270m, 43°14'21.4"N 17°05'21.4"E, 15.08.2016, 3 ex., leg. Gumhalter, coll. Gumhalter

Syn. *Cydia compositella* (Fabricius, 1775); HABELER (1998, 2003)

****Grapholita (Grapholita) coronillana** (Lienig & Zeller, 1846); M

MANN (1857, 1869), ABAFI-AIGNER et al. 1896

Syn. *Cydia coronillana* (Lienig & Zeller, 1846); CARNELUTTI 1994

****Grapholita (Grapholita) discretana** (Wocke, 1861); K, M

MANN 1869, coll. Koča, KOČA 1925

Syn. *Cydia discretana* (Woecke, 1861); HABELER 2003

****Grapholita (Grapholita) fissana** (Frölich, 1828); K, M

MANN (1857, 1869), ABAFI-AIGNER et al. 1896, REBEL 1913, coll. Koča, KOČA 1925

****Grapholita (Grapholita) gemmiferana** (Treitschke, 1835); P, M

MANN (1857, 1869), ABAFI-AIGNER et al. 1896, Lika-Senj, Ričice, 570m, 44.3254°N 15.7611°E, 26.05.-06.06.2018, 2 ex., leg. Berggren, coll. Berggren; Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 1 ex., leg. Berggren, coll. Berggren

Syn. *Cydia gemmiferana* (Treitschke, 1835); CARNELUTTI 1994

****Grapholita (Grapholita) internana** (Guenée, 1845); M

MANN 1869, ABAFI-AIGNER 1903, REBEL 1913

Syn. *Cydia internana* (Guenée, 1845); HABELER 2003

****Grapholita (Grapholita) jungiella** (Clerck, 1759); P, M

MANN 1857, TREMATERRA & BALDIZZONE 2004, Krk, Branušine, Mt. Hlam, 180m, 18.06.2013, leg. Baldizzone, coll. Baldizzone

Syn. *Cydia jungiella* (Linnaeus, 1761); HABELER (1998, 2003)

Syn. *Grapholita perlepidana* (Hw.); MANN (1867, 1869), ABAFI-AIGNER *et al.* 1896, REBEL 1913

Syn. *Grapholitha schrankiana* (Fröl.); MANN 1857

****Grapholita (Grapholita) lathyрана** (Hübner, 1822); M

Syn. *Grapholita scopariana* (H.-S.); MANN 1857, ABAFI-AIGNER *et al.* 1896

****Grapholita (Grapholita) lunulana** (Denis & Schiffermüller, 1775); P, M

TREMATERRA & BALDIZZONE 2004, Krk, Picik, 29.04.2007, leg. Baldizzone, coll. Baldizzone; Lepiforum-Neretva, 30.04.2017, 1 ex., leg. Bryner, coll. Bryner

Syn. *Cydia lunulana* (Denis & Schiffermüller, 1775); HABELER 2003

Syn. *Grapholita dorsana* (Fabricius, 1775); MANN (1857, 1867, 1869), ABAFI-AIGNER *et al.* 1896, REBEL 1903, PROHASKA 1922

****Grapholita (Grapholita) nebritana** (Treitschke, 1830); M

MANN (1857, 1869), ABAFI-AIGNER *et al.* 1896, REBEL (1903, 1913), Krk, Branušine, Mt. Hlam, 180m, 06.05.2008, leg. Baldizzone, coll. Baldizzone; Lepiforum-Podgora, 26.04.2017, 1 ex., leg. Bryner, coll. Bryner

Syn. *Cydia nebritana* (Treitschke, 1830); CARNELUTTI 1994, HABELER 2003

Syn. *Laspeyresia nebritana* (Tr.); KLIMESCH 1942

****Grapholita (Grapholita) orobana** (Treitschke, 1830); M

MANN 1869, PROHASKA 1922

Syn. *Cydia orobana* (Treitschke, 1830); CARNELUTTI 1994, HABELER 2003

****Grapholita (Grapholita) pallifrontana** (Lienig & Zeller, 1846); M

MANN 1857, ABAFI-AIGNER *et al.* 1896

Lathronympha Meyrick, 1926

****Lathronympha strigana** (Fabricius, 1775); K, P, M

Zadar, Mazin, 1050m, 44.4806°N 15.9893°E, 27.05.2018, 1 ex., barcoded, leg. Berggren, coll. Berggren; near Pag, Rtina Miletici, 15m, 44.315041°N 15.271700°E, 04.06.2018, 2 ex., leg. Berggren, coll. Berggren; NP North Velebit, Mt. Zavižan, 1520m, 44°48'45"N 14°58'34"E, 19.07.2023, 2 ex., leg. Baldizzone, coll. Baldizzone

Syn. *Grapholita hypericana* (Hb.); MANN (1867, 1857), ABAFI-AIGNER *et al.* 1896

Syn. *Semasia hypericana* (Hübner, 1813); REBEL (1903, 1904), KENNEL 1908-1921, SCHAWERDA 1921, coll. Koča, Koča 1925

Pammene Hübner, 1825

****Pammene amygdalana** (Duponchel, 1842); K, M

HABELER 2003, TREMATERRA & BALDIZZONE 2004

Syn. *Grapholitha amygdalana* (Schmdt.); MANN (1857, 1869)

Syn. *Pamene amygdalana* (Dup.); coll. Koča

Syn. *Pamene gallicolana* v. *amygdalana* (Dup.); Koča 1925

Syn. *Phthoroblastis costipunctana amygdalana* (Duponchel, 1842); ABAFI-AIGNER *et al.* 1896

****Pammene argyrana** (Hübner, 1799); M

PROHASKA 1922, HABELER (1998, 2003)

****Pammene blockiana** (Herrich-Schäffer, 1851); M

KLIMESCH 1942

****Pammene christophana** (Möschler, 1862); M

HABELER 2003, Krk, Kampelje, 28.07.2005, leg. Baldizzone, coll. Baldizzone

****Pammene epanthista** (Meyrick, 1922); M

Zadar, Erslani, 220m, 44.178752°N 15.65729°E, 08.-20.06.2019, 7 ex., barcoded, leg. Berggren, coll. Berggren, 10 ex., barcoded, leg. Aarvik, coll. NHMO, Erslani N, 390m, 44.178164°N 15.662437°E, 11.06.2019, 1 ex., leg. Berggren, coll. Berggren; Zadar, Matici, 186m, 44.196085°N 15.646325°E, 13.06.2019, 1 ex., leg. Aarvik, coll. NHMO

****Pammene fasciana** (Linnaeus, 1761); M

HABELER 2003, TREMATERRA & BALDIZZONE 2004

Syn. *Phthoroblastis juliana* (Heinemann, 1854); MANN 1869, WOCKE 1871

****Pammene gallicolana** (Lienig & Zeller, 1846); M

Syn. *Grapholitha gallicolana*; MANN 1857

****Pammene germmana** (Hübner, 1799); M

Syn. *Phthoroblastis germmana* (Hübner, 1813); MANN 1869, ABAFI-AIGNER et al. 1896

Syn. *Grapholitha germana* (Froel.); MANN 1857

Syn. *Grapholitha fulvifrontana* (Zeller, 1849); MANN 1857

****Pammene giganteana** (Peyerimhoff, 1863); M

Syn. *Pammene inquilina* (T. Fletcher, 1938); HABELER 2003

Syn. *Pammene fimbriana* (Hw.); PROHASKA 1922

****Pammene herrichiana** (Heinemann, 1854); P

North Velebit NP, Mt. Zavižan, 1522m, 19.07.2023, 1 ex., leg. Baldizzone, det. Aarvik, coll. Baldizzone

****Pammene insulana** (Guenée, 1845); M

Syn. *Phthoroblastis motacillana* (Zeller, 1839); MANN 1869, ABAFI-AIGNER et al. 1896

Syn. *Grapholitha motacillana* (Tr.); MANN 1857

****Pammene juniperana** (Millière, 1858); M

ŠUMPICH 2013

Syn. *Grapholita juniperana* (Mill.); MANN 1869

****Pammene luedersiana** (Sorhagen, 1885); M

HABELER (1998, 2003)

****Pammene mariana** (Zerny, 1920); M

Syn. *Cydia mariana* (Zerny, 1920); CARNELUTTI 1994

Syn. *Grapholita mariana* (Zerny, 1920); ZERNY 1920

****Pammene obscurana** (Stephens, 1834); M

Syn. *Grapholita obscurana* (H.S.); MANN 1869

****Pammene ochsenheimeriana** (Lienig & Zeller, 1846); M

Syn. *Phthoroblastis ochsenheimeriana*; MANN 1869

****Pammene oxycedrana** (Millière, 1876); M

Krk, Misučajnica, 07.07.2012, leg. Baldizzone, coll. Baldizzone

Syn. *Laspeyresia oxycedrana* (Kenn.); KLIMESCH 1942

****Pammene regiana** (Zeller, 1849); M

REBEL 1903

Syn. *Phthoroblastis regiana* (Z.); WOCKE 1871

****Pammene rhediella** (Clerck, 1759); P, M

HABELER 2003, Krk, Čižići, 2,5 km N, 01.05.2004, leg. Baldizzone, coll. Baldizzone

Syn. *Pamene rhediella* (Cl.); REBEL 1904

Syn. *Phthoroblastis rhediella* (Clerck, 1759); MANN (1867, 1869), ABAFI-AIGNER et al. 1896

Syn. *Grapholita rhediella* (L.); MANN 1857

****Pammene spiniana** (Duponchel, 1843); K

KOČA 1925, coll. Koča

- ***Pammene splendidulana*** (Guenée, 1845); M
 REBEL 1903, GALVAGNI 1909, HABELER 2003, TREMATERRA & BALDIZZONE 2004
 Syn. *Grapholita plumbatana* (Zeller, 1846); MANN 1857
 Syn. *Phthoroblastis plumbatana* (Z.); MANN 1869, ABAFI-AIGNER *et al.* 1896
- ***Pammene suspectana*** (Lienig & Zeller, 1846); M
 HABELER 2003
- ***Pammene trauniana*** (Denis & Schiffermüller, 1775); P, M
 HABELER (1998, 2003)
 Syn. *Phthoroblastis trauniana* (S.V.); MANN 1867
- Selania*** Stephens, 1834
- ***Selania capparidana*** (Zeller, 1844); M
 Syn. *Grapholita capparidana* (Zll.); MANN 1869
- ***Selania leplastriana*** (Curtis, 1831); M
 Syn. *Grapholita leplastriana* (Curt.); (MANN 1857, 1869), WOCKE 1871, ABAFI-AIGNER *et al.* 1896
- Strophedra*** Herrich-Schäffer, 1853
- ***Strophedra nitidana*** (Fabricius, 1794); K, M
 Syn. *Phthoroblastis flexana* (Zeller, 1849); ABAFI-AIGNER *et al.* 1896
 Syn. *Pamene flexana*; KOČA 1925, coll. Koča

Out of the 416 reported species, 31 species are new to the fauna of Croatia. Altogether 28 species that have been collected through the authors' own field surveys are recorded for the first time from Croatia: *Archips betulana* (Hübner, 1787), *Cnephasia (Cnephasia) genitalana* (Pierce & Metcalfe, 1922) (Fig. 8), *C. (Cnephasia) sedana* (Constant, 1884), *Acleris cristana* (Denis & Schiffermüller, 1775) (Fig. 9), *Aethes beatricella* (Walsingham, 1898) (Fig. 10), *A. caucasica* (Amsel, 1959) (Fig. 11), *Neocochylis millierana* (Peyerimhoff, 1877) (Fig. 12, 13), *Phalonidia gilvicomana* (Zeller, 1847), *Lobesia (Lobesia) porrectana* (Zeller, 1847) (Fig. 14), *Pseudosciaphila branderiana* Obraztsov, 1966, *Epiblema chretieni* Obraztsov, 1952, *Epinotia fraternana* (Haworth, 1811), *Eucosma cumulana* (Guenée, 1845) (Fig. 15), *E. parvulana* (Wilkinson 1859), *Pelochrista infidana* (Hübner, [1824]), *P. lugubrana* (Treitschke, 1830), *P. subtiliana* (Jäckh, 1960), *Rhopobota myrtillana* (Humphreys & Westwood, 1845), *Cydia ilipulana* (Walsingham, 1903) (Fig. 16), *C. ulicetana* (Haworth, 1822), *Dichrorampha aeratana* (Pierce & Metcalfe, 1915), *D. inconspiqua* (Danilevsky, 1948) (Fig. 17), *D. infuscata* (Danilevsky, 1960), *D. pentheriana* (Rebel, 1917), *D. vancouverana* McDunnough, 1935, *Grapholita (Aspila) tenebrosana* (Duponchel, 1843), *Pammene epanthista* (Meyrick, 1922) (Fig. 18), *P. herrichiana* (Heinemann, 1854) (Fig. 19). Also, three species that are held in museum collections have not been mentioned elsewhere in literature and are also considered new to the fauna: *Adoxophyes orana* (Fischer v. Röslerstamm, 1834), *P. spiniana* (Duponchel, 1843) and *Dichelia histrionana* (Frölich, 1828) (Fig. 20).

Although *Lobesia cinerariae* was reported from Croatia by HABELER (1998, 2003), we have not included it in our list. RAZOWSKI (2003) considered *L. cinerariae* a synonym of *L. helichryzana*. However, it was recently removed from synonymy by VARENNE & NEL (2023) and is now considered as a separate species. We do not know if the species reported by Habeler was indeed *L. cinerariae* or *L. helichryzana*.



Fig. 8. *C. genitalana* collected on 17th June 2019 on the locality Marinovići (photo: K. Berggren).



Fig. 9. The species *A. cristana* (photo: K. Berggren).



Fig. 10. A specimen of *A. beatricella* from Croatia (photo: K. Berggren).



Fig. 11. A female specimen of *A. caucasica* (photo: F. Graf).



Fig. 12. A specimen of *Neocochylis millierana* from Omiš in 2015 (photo: F. Graf).



Fig. 14. The species *L. porrectana* from Pag (photo: P. K. Slagsvold).



Fig. 15. The species *E. cumulana* collected in Zadar, Prezid, Mt. Velebit (photo: K. Berggren).



Fig. 16. A specimen of *C. ilipulana* collected on 31st May 2019 (photo: K. Berggren).

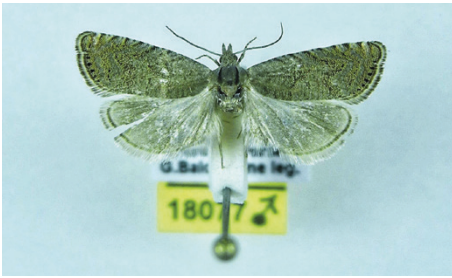


Fig. 17. A specimen of *D. inconspiqua* from Mt. Velebit in Croatia (photo: G. Baldizzone).



Fig. 18. The species *P. epanthista* from Croatia (photo: K. Berggren).



Fig. 19. A specimen of *P. herrichiana* from Mt. Velebit (photo: G. Baldizzone).



Fig. 20. A specimen of *D. histrionana* from the Koča collection (photo: D. Gumhalter).

Two specimens labeled *Acala umbrana* Hb. were also found in the Koča collection, but their identification is uncertain. Although the species *A. umbrana* would be new to the Croatian fauna, it was removed from the species list. As both specimens are in bad condition, an identification by examining the wing pattern is impossible. Unfortunately, the abdomens are missing, so the genital analysis is disabled and therefore precise identification is impossible.

The study of the Lepidoptero fauna of Croatia has shown the presence of various alien and/or harmful species that are economically important in Europe.

The codling moth *C. pomonella*, one of the most important pest insects of apple fruit orchards worldwide, was registered in the Mediterranean and the Continental part of Croatia. It is probably also present in the Alpine part of the country. Since this is the least investigated region of Croatia, it is probable that it was simply not recorded in the few field investigations.

Also registered was the European grapevine moth *L. botrana*. The species feeds on grapes and is the most serious and destructive pest of wine and table grapevines throughout the Euro-Mediterranean, the Northern African region, and many Asian countries (GABEL & ROEHRICH, 1995). Feeding and reproduction of *L. botrana* occurs mainly on the flowers and fruits of grapes. However, *L. botrana* has also proved a curious behaviour of feeding on various other plants that play a certain role in its biological cycle. In the Mediterranean basin, *L. botrana* feeds on the olive tree which appears to be one of the host plants that play a significant role in its development (SAVO-

POULOU-SOULTANI *et al.*, 1990). In Croatia, it was reported only from the Mediterranean part of the country.

The oriental fruit moth *Grapholita molesta* (Busck, 1916), one of the most important pests of stone and other fruit trees, especially on peaches and nectarines, was recorded both in the Mediterranean and the Continental part of Croatia. It could also be, like *C. pomonella*, present in the Alpine part. This species is native to East Asia (China, the Korean Peninsula, and Japan). It was introduced to North America and then spread throughout the world. Today, it is distributed on all continents and can cause considerable economic damage. It spread among the major stone fruit-growing regions of Europe, Asia, America, Africa, Australia, and New Zealand (CHAPMAN & LIENK, 1971).

The larvae of the European oak leafroller *T. viridana*, also known as the green oak tortrix, feed on tree leaves, especially oak. It can cause extensive defoliation of oak trees, so it is regarded as one of the most important tortricid forest pests in South European countries. The species was recorded only from the Mediterranean part of Croatia.

The omnivorous leafier moth, long-winged shade, or strawberry fruit worm *C. longana* was reported only from the Mediterranean part of Croatia. The species originated in Europe and is widely distributed in Asia, Africa, and North America. As the common name suggests, this insect pest has a wide host range and is known to cause damage to species from more than 20 plant families, including strawberries (KAUR *et al.*, 2020).

The pea moth *C. nigricana* was also registered only in the Mediterranean part of Croatia. However the species was mentioned only in historical literature, so its occurrence today needs to be reconfirmed (MANN, 1869; REBEL, 1913).

A. ljugiana, a pest on vines, maize, and fruit trees, was recorded only in the Mediterranean and the Alpine part of Croatia.

The following species were reported only from the Mediterranean and the Continental part of Croatia: the chestnut and acorn moth *C. splendana*, the apple brown tortrix *P. heparana*, and the eyespotted bud moth *S. ocellana*.

The poplar twig borer was only mentioned by REBEL (1895) from the Alpine part of Croatia and by MACELJSKI (1999). The latter did not specify the distribution and occurrence of the species.

Other economically important species for Europe were also reported from all parts of Croatia: the fruit tree tortrix moth *A. podana*, the rose leaf roller *A. rosana*, the plum moth *G. funebrana*, the common twist moth *P. cerasana* and many more.

An analysis of the occurrence in the three biogeographical zones of Croatia shows that the regions have truly not been equally studied.

Altogether 395 out of 416 species have been found in the Mediterranean part of the country. This region has been regularly investigated since the beginning of lepidopterological investigations in Croatia. Almost 95% of all recorded tortricid species in Croatia were reported from that region, which shows that the fauna of this part of the country is very well studied.

In the Continental part of Croatia about 140 species or 33% of all tortricid species in the country were recorded.

Only 123 species were recorded from the Alpine part of Croatia. This makes up only 29% of the overall Croatian tortricid moth fauna. It is no surprise that the region is the least investigated in Croatia, as the Alpine parts of the country were not easily accessible,

especially in the past when other areas like Istria or Dalmatia were frequently visited by influential entomologists of those times (e.g. MANN, 1857, 1869; REBEL, 1891; GALVAGNI, 1902; REBEL, 1917, 1919; SCHAWERDA, 1921; PROHASKA, 1922; KLIMESCH, 1942, etc.). Although the reason for such a small number of registered species is probably the low number of surveys and the lack of specialists for this group, other factors could also play a role. Due to the specific climatic conditions, fewer species inhabit mountain ecosystems. Therefore, the distribution of species is decided by climate and suitability of habitat (STORCH *et al.* 2003). Moths are dependent on specific food plants, so obviously the vegetation composition influences their occurrence and distribution. To decide the current condition, further investigation of Alpine parts of Croatia is recommended.

Out of these 416 registered species, a total of 119 were reported only from historical records. Some of these species could be misidentifications or it is possible that some of them were present in the Croatian fauna in the past but are not present anymore. If so, this could be caused by various reasons e.g. climate change. The reconfirmation of these species should be a future goal. But future studies should also be focused on conducting field surveys and sampling more material from this microlepidopterous family in general. Another goal should be the examination of other museum collections that hold material from Croatia and finally, to research the lesser-studied parts of Croatia.

ACKNOWLEDGEMENTS

We would like to thank Jacques Nel (La Ciotat, France) for identifying a great number of specimens that were collected by Giorgio Baldizzone, and Toni Koren for helping to obtain a collecting permit for Croatia. We also thank Boyan Zlatkov (Sofia, Bulgaria) who identified some species. Per Kristian Slagsvold (Oslo, Norway) is thanked for taking photos of specimens in NHMO.

Received September 20, 2023

REFERENCES

- AARVIK, L. E., 2013: Fauna Europaea: Tortricidae. *In*: KARSHOLT, O. & NIEUKERKEN, E. J. VAN: Fauna Europaea: Lepidoptera, Moths. Fauna Europaea version 2017.06. Available from: <https://fauna-eu.org> (accessed: 28 April 2019).
- ABAFI-AIGNER, L., PÁVEL, J. & UHRYK, F., 1896: Ordo. Lepidoptera. *In* Fauna Regni Hungariae III.. Artropoda. Budapest, pp. 5–82.
- ABAFI-AIGNER, L., 1903: Adalék Microlepidopteráink ismeretéhez. *Rovartani Lapok* **10** (7), 133–137.
- ALIPANAH, H. & BAIXERAS, J., 2011: A new species of Hedya Hübner from Iran with proposed rearrangement of some species currently assigned to Metendothenia Diakonoff (Lepidoptera: Tortricidae). *Zootaxa* **2879**, 33–44.
- BAIXERAS, J., BROWN, J.W. & GILLIGAN, T.M., 2010: T@RTS, online world catalogue of the Tortricidae (Version 1.4.0). Available from <http://www.tortricidae.com/catalogue.asp> (accessed: 10 March 2019)
- BAIXERAS, J. & KARSHOLT, O., 2011: The Tortricidae described by J. C. Fabricius (Lepidoptera). *Zootaxa* **3127**, 1–37.
- BARÍČ, B. & PAJAČ, I., 2010: Tortrix pests in IPM apple orchards in Croatia. Abstracts of Integrated Protection of Fruit Crops. *In*: IOBC/WPRS Bulletin / CRISTOFORO, A. DE., PALMA, A. DI., ESCUDERO, COLOMAR, L.A., IORIATTI, C., MOLINARI, F. (eds.). Darmstadt: The Publication Commission of the IOBC/WPRS, 78 pp.
- BARÍČ, B. & PAJAČ, I., 2012: Tortrix moths from apple orchards. *Knjiga sažetaka* 56. Seminara biljne zaštite. *In*: Glasilo biljne zaštite. Cvjetković, B. (eds.). Zagreb: Hrvatsko društvo biljne zaštite 48–49. (in Croatian)

- BROWN, J. W., ROBINSON, G. & POWELL, J. A., 2008: Food plant database of the leafrollers of the world (Lepidoptera: Tortricidae) (Version 1.0). <http://www.tortricid.net/foodplants.asp>. (accessed: 10 June 2019)
- CHAPMAN, P.J. & LIENK, S.E., 1971: Tortricid Fauna of Apple in New York. (Lepidoptera: Tortricidae); including an account of apples, occurrence in the State, especially as a naturalized plant. Special Publication, N.Y.S. Agric. Exp. Sta., Geneva, New York, 82 pp.
- CARNELUTTI, J., 1994: Modernisiertes „Verzeichnis der bei Knin gesammelten Schmetterling (Lepidoptera)“ von Ivan Hafner. *Natura Croatica* **3** (2), 185–223.
- DANIEL F., FORSTER W. & OSTHELDER L., 1951: Beiträge zur Lepidopterenfauna Mazedoniens. *Veröffentlichungen zoologische Staatssammlung München* **2**, 1–78.
- DURBEŠIĆ, P., 2012: Hrvatska Entomofauna iz sadašnjosti pogled unatrag i planovi za budućnost. *Entomologia Croatica* **16** (1), 5–88. (in Croatian)
- EUROPEAN ENVIRONMENT AGENCY (EEA), 2012: Biogeographical regions in Europe. Available from: <http://www.eea.europa.eu/data-and-maps/figures> (accessed 2 May 2018)
- FAZEKAS, I., 2009: Contribution to the Microlepidoptera fauna of Balkans, Nr. 1 (Lepidoptera). *Natura Somogyiensis* **15**, 181–194.
- GABEL, B. & ROEHRICH, R., 1995: Sensitivity of grapevine phenological stages to larvae of European grapevine moth, *Lobesia botrana* Den. & Schiff. (Lepidoptera: Tortricidae). *J. Appl. Entomol.* **119**, 127–130.
- GALVAGNI, E., 1902: Beiträge zur Kenntnis der Fauna einiger dalmatinischer Inseln. *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft* **52**, 362–380.
- GALVAGNI, E., 1909: Die zoologische Reise des naturwissenschaftlichen Vereines nach Dalmatien im April 1906. 13. Lepidoptera. Beiträge zur Kenntnis der Lepidopterenfauna der Adriatischen Inseln. *Mitteilungen des Naturwissenschaftlichen Vereins an der Universität Wien* **7**, 245–254.
- GEIGER, V., 1873: Beitrag zur Schmetterlingskunde Dalmatiens. *Verh. zool.-bot. Ver.* **23**, 167–168.
- GILLIGAN, T. M., BAIXERAS, J. & BROWN, J. W., 2018: T@RTS, online world catalogue of the Tortricidae (Version 1.4.0). Available from <http://www.tortricidae.com/catalogue.asp> (accessed: 10 March 2019)
- GILLIGAN, T. M., BROWN, J. W. & BAIXERAS, J., 2020: Immigrant Tortricidae: Holarctic versus Introduced Species in North America. *Insects*, **11** (594): 1–59. <https://doi.org/10.3390/insects11090594>
- GINZBERGER, A., 1916: Beiträge zur Naturgeschichte der Scoglien und kleineren Inseln Süddalmatiens. 14. Lepidoptera. *Denkschriften der kaiserlichen Akademie der Wissenschaften in Wien* **92**, 261–404.
- GLAVENDEKIĆ, M., 2006: *Epichoristodes acerbella* (Walker) (Lepidoptera: Tortricidae): a new species in the fauna of Serbia. *Acta entomologica serbica* **11** (1–2), 77–81.
- GOMBOC, S. & SULE, D., 2022: Contribution to the moth fauna of the Croatian island of Šolta, with some interesting findings for the country. *Baščina* **31**, 38–138.
- GUMHALTER, D., 2019: First checklist of pyraloid moths (Lepidoptera: Pyraloidea) in Croatia. *Zootaxa* **4604** (1), 059–102. <https://doi.org/10.11646/zootaxa.4604.1.3>
- GUMHALTER, D., BERGGREN, K. & AARVIK, L., 2023: Microlepidoptera of Croatia: a bibliography and review of the published and some unpublished records of species from the families Micropterigidae, Eriocraniidae, Hepialidae, Nepticulidae, Opostegidae, Heliozelidae, Adelidae, Prodoxidae, Incurvariidae and Tischeriidae, and Alucitidae and Pterophoridae. *Natura Croatica* **32** (1), 81–119. <https://doi.org/10.20302/NC.2023.32.6>
- HABELER, H., 1998: Neue und bemerkenswerte Arten für die Schmetterlingsfauna Kroatiens von der Insel Krk (Lepidoptera). *Entomologia Croatica* **3** (1–2), 33–44.
- HABELER, H., 2001: Lepidopterologische Nachrichten aus der Steiermark, 18 – mit Funddaten von den Inseln Krk und Cres (Lepidoptera). *Joannea Zool.* **3**, 29–36.
- HABELER, H., 2003: Die Schmetterlinge der Adria-Insel Krk. Eine ökofaunistische Studie. Buchreihe zur Entomologie Esperiana, Graz, 221 pp.
- HOFFMANN, F., 1917: Kleiner Beitrag zur Lepidopterenfauna Mitteldalmatiens. *Zeitschrift des Österreichischen Entomologen Vereines* **1**, 38–39.
- HORAK, M. & BROWN, R. L., 1991: Chapter 1. 1.2. Taxonomy and phylogeny. *In: VAN DER GEEST & EVENHUIS* (eds.), *Tortricoid pests, their biology, natural enemies and control*. Elsevier Science Publ., Amsterdam, pp. 23–50.
- HORAK, M., 1998: The Tortricidae. *In: KRISTENSEN NP*, editor. *Lepidoptera: Moths and butterflies*. 1. Evolution, systematics, and biogeography. *Handbook of Zoology*, Vol. IV, Part 35. Berlin and New York: De Gruyter. pp. 199–215.

- HORAK, M., 2006: Olethreutine moths of Australia (Lepidoptera: Tortricidae). Monographs on Australian Lepidoptera **10**, 522 pp.
- HUEMER, P., 2003: *Rhyacionia hafneri* (Rebel, 1937) sp.rev., eine verkannte Wicklerart aus dem Mittelmeergebiet (Lepidoptera: Tortricidae). Entomologische Zeitschrift Stuttgart **113** (4), 98–101.
- KARISCH, T. & STĂNESCU, M., 2005: On the presence of *Acleris boscanoides* Razowski, 1959 and *Dichrorampha baixerasana* Trematerra, 1991 (Lepidoptera: Tortricidae) in Romania. Travaux du Muséum National d'Histoire Naturelle «Grigore Antipa» **48**, 203–211.
- KAUR, N., COOP, L., GREEN, J., GERTH, B., ANDERSON, N. & FISHER, G., 2020: Omnivorous Leaf-tier A ubiquitous and often minor pest of small grains and other seed crops of Western Oregon. Oregon State University Extension Service.
- KENNEL, J., 1908–1921: Die Palaearktischen Tortriciden. Eine monographische Darstellung mit 24 Tafeln im Farbendruck, einer Stammtafel und mehreren Abbildungen im Text. Zoologica **21** (54), 1–546.
- KLIMESCH, J., 1942: Über Microlepidopteren-Ausbeuten aus der Gegend von Zaton bei Gravosa (Süddalmatien). Mitteilungen der Münchner Entomologischen Gesellschaft **32** (2/3), 347–399.
- KOČA, GJ., 1925: Drugi prilog fauni leptira (Lepidoptera) Hrvatske i Slavonije. Glasnik hrvatskog prirodoslovnog društva **36** (1–2) (za god. 1924), 63–68.
- KOREN, T., 2015: Diversity of the moth fauna (Lepidoptera: Heterocera) of a wetland forest: A case study from Motovun forest, Istria, Croatia. Periodicum Biologorum **117** (3), 399–414. <https://doi.org/10.18054/pb.2015.117.3.2945>
- KOREN, T., 2016: *Thiodia torridana* (Lederer, 1859) (Lepidoptera: Tortricidae) a new species for the Croatian fauna. Natura Croatica **25** (1), 163–164. <https://doi.org/10.20302/NC.2016.25.13>
- KOREN, T. & GOMBOC, S., 2017: Noćni leptiri Krapinsko-zagorske županije. Javna ustanova za upravljanje zaštićenim dijelovima prirode Krapinsko-zagorske županije, Zagreb, 375 pp.
- KOREN, T., 2018: Diversity of moths (Lepidoptera: Heterocera) in the surroundings of the Bednja River, Varaždin County, Northern Croatia. Natura Croatica **27** (1), 111–141. <https://doi.org/10.20302/NC.2018.27.6>
- LEPIFORUM e.V. [ed.], 2019: Tortricidae in Europe – Lepiforum e.V. [ed.], 2008–2019: Bestimmungshilfe für die in Europa nachgewiesenen Schmetterlingsarten. Visited on September 25th, 2023. <https://lepiforum.org/wiki/taxonomy/Tortricoidea/Tortricidae?view=0>
- LOPEZ-VAAMONDE, C., AGASSIZ, D., AUGUSTIN, S., DE PRINS, J., DE PRINS, W., GOMBOC, S., IVINSKIS, P., KARSHOLT, O., KOUTROUMPAS, A., KOUTROUMPA, F., LAŠTŮVKA, Z., MARABUTO, E., OLIVELLA, E., PRZYBYLOWICZ, L., ROQUES, A., RYRHOLM, N., SEFROVA, H., SIMA, P., SIMS, I., SINEV, S., SKULEV, B., TOMOV, R., ZILLI, A. & LEES, D., 2010: Alien terrestrial arthropods of Europe, Chapter 11. Lepidoptera. BioRisk **4**, 603–668. <https://doi.org/10.3897/biorisk.4.50>
- MACELJSKI, M., 1999: Poljoprivredna entomologija. Čakovec, Zrinski d.d., 464 pp. (in Croatian)
- MANN, J., 1857: Verzeichnis der in Jahr 1853 in der Gegend von Fiume gesammelten Schmetterlinge. Wiener Entomologische Monatschrift **1** (6), 161–189 [170–173 for Pyraloidea].
- MANN, J., 1867: Schmetterlinge gesammelt im J. 1866 um Josefthal in der Croat. Militärgrenze. Verhandlungen der Zoologisch-Botanischen Gesellschaft Wien **17**, 63–76.
- MANN, J., 1869: Lepidopteren, gesammelt während dreier Reisen nach Dalmatien in den Jahren 1850, 1862, 1868. Verhandlungen des Zoologisch-Botanischen Gesellschaft in Wien **19**, 371–388.
- NEUSTETTER, H., 1956: Sammelreisen nach Dalmatien (Jugoslavien). Entomologisches Nachrichtenblatt **3** (3), 4–8.
- PAJAČ, I., PEJIĆ, I. & BARIĆ, B., 2011: Codling Moth, *Cydia pomonella* (Lepidoptera: Tortricidae) - Major Pest in Apple Production: An Overview of its Biology, Resistance, Genetic Structure and Control Strategies. ACS. Agriculturae conspectus scientificus **76** (2), 87–92.
- PAJAČ, I., BOŽENA, B., MIKAC, M. & PEJIĆ, I., 2012: New insights into the biology and ecology of *Cydia pomonella* from apple orchards in Croatia. Bulletin of Insectology **65** (2), 185–193.
- PASTORÁLIS, G. & SZABÓKY, Cs., 2013: *Dichrorampha baixerasana* (Trematerra, 1991) (Lepidoptera: Tortricidae) new for the fauna of Hungary. Folia Entomologica Hungarica **74**, 131–136.
- POWELL, J. A., C. MITTER & FARRELL, B., 1998: Evolution of larval food preference in Lepidoptera. In: KRISTENSEN, N. P. (ed.). Handbook of Zoology, Volume IV Arthropoda: Insects, Part 35 Lepidoptera, Moths and Butterflies. Walter de Gruyter, Berlin, pp 403–422.
- PRINZ, J., 1919: Bericht der Sektion für Lepidopterologie. Versammlung am 7. März 1919. Verhandlungen der zoologisch-botanischen Gesellschaft in Wien **69**, 122–135.

- PROHASKA, K., 1922: Kleinschmetterlinge von Pola. Zeitschrift des Österreichischen Entomologen Vereines 7, 32–33.
- PRÖSE, H., 1988: *Einige interessante Neufunde von Microlepidopteren aus den Ostalpen*. Stapfia 16, 249–256.
- RAZOWSKI, J., 2002: Tortricidae of Europe. Vol.1: Tortricinae and Chlidanotinae. František Slamka, Bratislava. 247 pp.
- RAZOWSKI, J., 2003: Tortricidae of Europe. Vol.2: Olethreutinae. František Slamka, Bratislava. 301 pp.
- RAZOWSKI, J. & TOKÁR, Z., 2003: *Dichrorampha pastoralisi* Razowski & Tokár, sp. n., a new species from Southern Europe (Lepidoptera: Tortricidae, Olethreutinae). SHILAP Revista de lepidopterologia 31 (123), 221–223.
- REBEL, H., 1891: Beitrag zur Microlepidopteren-Fauna Dalmatiens. Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien 41, 610–639.
- REBEL, H., 1895: Verzeichniss der von Dr. R. Sturany im Jahre 1895 in Croatien gesammelten Lepidopteren. Verhandlungen der zoologisch-botanischen Gesellschaft in Wien 45, 390–392.
- REBEL, H., 1903: Studien über die Lepidopterenfauna der Balkanländer. I. Teil. Bulgarien und Ostrumelien. Annalen des Naturhistorischen Museums in Wien 18, 123–347.
- REBEL, H., 1904: Studien über die Lepidopterenfauna der Balkanländer. II. Teil. Bosnien und Herzegowina. Annalen des Naturhistorischen Museums in Wien 19, 97–377.
- REBEL, H., 1910: Lepidopteren aus dem Gebiete des Monte Maggiore in Istrien. Jahresbericht des Wiener entomologischen Vereines 21, 97–110.
- REBEL, H., 1912: Lepidopteren aus dem Gebiete des Monte Maggiore in Istrien. I. Nachtrag. Jahresbericht des Wiener entomologischen Vereines 22, 227–240.
- REBEL, H., 1913: Lepidopteren aus dem Gebiete des Monte Maggiore in Istrien. II. Nachtrag. Jahresbericht des Wiener entomologischen Vereines 23, 177–205.
- REBEL, H., 1913a: Zur Lepidopterenfauna der Brionischen Inseln. Jahresbericht des Wiener entomologischen Vereines 23, 217–222.
- REBEL, H., 1914: Über die Lepidopterenfauna von Brioni grande. Jahresbericht des Wiener entomologischen Vereines 24, 181–201.
- REBEL, H., 1917: Eine neuerliche Lepidopterenausbeute von Zengg. Verhandlungen der Zoologisch-Botanischen Gesellschaft in Wien 67, 141–143.
- REBEL, H., 1919: Zur Lepidopterenfauna Dalmatiens. Verhandlungen zoologisch-botanischen Gesellschaft 69, 105–110.
- REBEL, H. 1929: Lepidopteren von der Insel Inconronata. Annalen des Naturhistorischen Museums in Wien 43, 14.
- REBEL, H., 1937: Neue europäische Tortriciden und Tineiden. Zeitschrift des Österreichischen Entomologen Vereines 22, 41–49.
- REGIER, J. C., BROWN, J. W., MITTER, C., BAIXERAS, J., CHO, S., et al., 2012: A Molecular Phylogeny for the Leaf-Roller Moths (Lepidoptera: Tortricidae) and Its Implications for Classification and Life History Evolution. PLoS ONE 7 (4), e35574. <https://doi.org/10.1371/journal.pone.0035574>
- ROTHSCHILD, G.H.L. & VICKERS, R.A., 1991: Biology. Ecology and control of the Oriental fruit moth. In: VAN DER GEEST LPS, EVENHUIS HH, editors. Tortricid pests, their biology, natural enemies, and control. Amsterdam, The Netherlands: Elsevier Science Publishers, pp. 389–412.
- SAVOPOULOU-SOULTANI, M., STAVRIDIS, D.G. & TZANAKAKIS, M.E., 1990: Development and reproduction on *Lobesia botrana* on vine and olive inflorescences. Entomol. Hell., 29–35.
- SCHAWERDA, K., 1916: Bericht der Sektion für Lepidopterologie. Verhandlungen der zoologisch-botanischen Gesellschaft in Wien 66, 107–115.
- SCHAWERDA, K., 1920: Lepidopteren-Ausbeute aus der Gegend von Lovrana und vom Monte Maggiore. Zeitschrift des Österreichischen Entomologischen Vereines 5(4), 28; 5(5), 36.
- SCHAWERDA, K., 1921: Beiträge zur Lepidopterenfauna der kroatischen Küste und Neubeschreibungen. Deutsche Entomologische Zeitschrift Iris 35, 111–138.
- SKALA, H., 1937: Einiges über Falter-Minen aus dem Mediterrangebiet. Zeitschrift des Österreichischen Entomologischen Vereines 22, 109–112.
- STANTON, H.T., 1921: The tineina of southern Europe. By H. T. STANTON, F.R.S. London: John Van Voorst, Paternoster Row.
- STAUDER, H., 1914: Mikrolepidopteren des Triester Gebietes und aus Inneristrien. Deutsche Entomologische Zeitschrift Iris 23, 4–12.

- STAUDINGER, O., 1870: Beitrag zur Lepidopterenfauna Griechenlands. *Horae societatis entomologicae rossicae* **7**, 3–304.
- STAUDINGER, O., 1879: Lepidopteren-Fauna Kleinasien's. *Horae societatis entomologicae rossicae* **15**, 159–435.
- STORCH, D., KONVICKA, M., BENES, J., MARTINKOVA, J. & GASTON, K.J., 2003: Distribution patterns in butterflies and birds of the Czech Republic: separating effects of habitat and geographical position. *Journal of Biogeography* **30**, 1195–1205. <https://doi.org/10.1046/j.1365-2699.2003.00917.x>
- ŠUMPICH, J., 2013: Faunistic records of some Microlepidoptera from Croatia. *Entomologia Croatica* **17** (1–4), 13–33.
- ŠUMPICH, J. & SKYVA, J., 2012: New faunistic records for a number of Microlepidoptera, including description of three new taxa from Agonoxenidae, Depressariidae, and Gelechiidae (Gelechioidea). *Nota Lepidopterologica* **15** (2), 161–179.
- ŠUMPICH, J. & SKYVA, J., 2014: Faunistic records of new and poorly known Microlepidoptera (Insecta) from Europe. *Annalen des Naturhistorischen Museums in Wien. Serie B für Botanik und Zoologie* **116**, 5–12.
- TOKÁR, Z., ŠUMPICH, J., LAŠTŮVKA, A., LAŠTŮVKA, Z., LIŠKA, J., ELSNER, J., LENDEL, A., ŠTEFANOVIČ, R. & RICHTER, I., 2021: Nové druhy drobných motýľov (Microlepidoptera) pre faunu Slovenska. *Entomofauna carpathica* **33** (2), 1–20.
- TREMATERRA, P. & BALDIZZONE, G., 2004: Records of Tortricidae (Lepidoptera) from Krk Island (Croatia). *Entomologia Croatica* **8** (1/2), 25–44.
- TVRTKOVIĆ, N., VEROVNIK, R., LOVRENČIĆ, L., VUKOVIĆ, M. & ŠAŠIĆ, M., 2015: New contributions to the butterfly fauna of Mt Velebit and the neighbouring area of Lika (Croatia). *Natura Croatica* **24** (2), 281–292. <https://doi.org/10.20302/NC.2015.24.18>
- VARENNE, T. & NEL, J., 2023: *Lobesia helichryzana* (Ragonot, 1879) et *L. cinerariae* (Nolken [recte: Nolcken], 1882), deux espèces bien distinctes (Lepidoptera, Tortricidae, Olethreutinae). *Revue de l'Association Roussillonnaise d'Entomologie*, **32** (5), 357–359.
- WERNEBURG, A., 1864: Beiträge zur Schmetterlingskunde. Part 1, Erfurt, Verlag von H. Neumann, 595 pp.
- WOCKE, M., 1871: Pyralidina. In: STAUDINGER, O. & WOCKE, M., Catalog der Lepidopteren des Europäischen Faunengebiets. Dr. O. Staudinger & Königl. Hofbuchhandlung von Hermann Burdach, Dresden, 426 pp.
- ZERNY, H., 1920: III. Lepidoptera, pp. 195–204. In: Beiträge zur Kenntnis der Fauna Dalmatiens, besonders der Insel Brazza. Bericht über die zweite zoologische Reise des naturwissenschaftlichen Vereins an der Universität Wien nach Dalmatien. Juli 1912. C. Spezieller Teil. Bearbeitung des gesammelten Materials. Zoologische Jahrbücher, Abteilung für Systematik, Geographie und Biologie der Tiere **42** (4), 189–234.
- ZHANG, B.-C., 1994: Index of Economically Important Lepidoptera. CAB International, University Press, Cambridge, U.K., 599 pp.
- ZLATKOV, B., 2016: Taxonomy of two montane *Dichrorampha* species from the Balkans and Caucasus (Lepidoptera, Tortricidae). *Nota Lepidopterologica*, **39** (1), 13–20. <https://doi.org/10.3897/nl.39.6760>

