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by Edward Meyrick (Lepidoptera: Tortricidae)

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Types of Tortricidae, 2. Types of species deposited in the Natural History Museum of Vienna described by Edward Meyrick (Lepidoptera: Tortricidae)

J. Razowski

Abstract

Colour illustrations of adults are provided for 59 primary types of Tortricidae deposited in the Natural History Museum of Vienna described by Edward Meyrick. Comments and important bibliographic references are provided for each species.

KEYS WORD: Lepidoptera, Tortricidae, types, Meyrick, Vienna.

**Tipos de Tortricidae, 2. Tipos de especies descritas por Edward Meyrick
depositados en el Museo de Historia Natural de Viena
(Lepidoptera: Tortricidae)**

Resumen

Se presentan ilustraciones a colour para 59 tipos de Tortricidae depositados en el Museo de Historia Natural de Viena descritos por Edward Meyrick. Se incluyen comentarios e importantes referencias bibliográficas para cada especie.

PALABRAS CLAVE: Lepidoptera, Tortricidae, tipos, Meyrick, Viena.

Introduction

This is the second paper of the series on the type specimens of Tortricidae. It is devoted to the most useful feature for identification of species: colour images of the types. Text descriptions often are insufficient to convey the shape of markings and coloration of species because they are somewhat subjective. Also, the descriptions of colours differ from work to work even in the case of the same author.

The majority of older publications lack any figures of adults, but over the last decade or so many journals haven begun publishing colour illustrations. Some early works, primarily atlases, include illustrations of adults, chiefly reproductions of paintings. However, seldom were these illustrations of types. In this series, images of the primary types and the lectoallotypes will be provided. For each species the original citation is given along with the type locality and a few brief comments.

The genera are listed alphabetically within their tribes. The species are also discussed and illustrated in alphabetical order within the genus to which they belong at present.

The present part is devoted to the types of the Neotropical and a few Oriental species described by Edward Meyrick in his six publications: MEYRICK 1912, 1930, 1931, 1932, 1933, 1936. The original papers provide descriptions of the facies of the taxa without illustrations. RAZOWSKI (1964) examined the types of these species, and illustrated and described their genitalia.

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The type material discussed is housed in the Naturhistorisches Museum Wien (NHMW). The types of 59 species are listed, four of which could not be located: *Saphenista praefasciata*, *Vulpoxena vulpicoma*, *Ardeutica crypsilitha*, *Polyortha halianassa*.

List of species arranged alphabetically within their tribes

TORTRICINAE COCHYLINI

aphrobapta, *Eulia*, Brazil - *Eugnosta*
calyptrophanes, *Phtheochroa*, Peru - unplaced species
chalcospila, *Phalonia*, Costa Rica - *Aethesoides*
molybdanthes, *Phtheochroa*, Brazil - *Eugnosta*
praefasciata, *Phalonia*, Costa Rica - *Saphenista*
selecta, *Euxanthis*, Paraguay - *Eugnosta*
tornocarpa, *Phtheochroa*, Panama - *Cirrothaumatia*
sphragidias, *Phalonia*, Bolivia - *Saphenista*
stereopis, *Euxanthis*, Argentina - *Acarolella*

EULIINI

autonephes, Paraguay - *Tapinodoxa*
chionocarpa, *Eulia*, Columbia - *Punctapinella*
degeneras, *Tortrix*, Brazil - *Saetosacculina*
exanthina, *Eulia*, Brazil - *Bidorpitia*
extinctrix, *Eulia*, Brazil - *Clarkeulia*
heliadelpha, *Meristastis*, Bolivia - *Pseudomeritastis*
hemileuca, *Tortrix*, Colombia - *Hynhamia*
hypochloris, *Eulia*, Costa Rica - *Subtrastillaspis*
melanochlora, *Eulia*, Brazil - *Orthocomotis*
niphastra, *Eulia*, Brazil - *Punctapinella*
ocystola, *Eulia*, Costa Rica - *Colosyta*
parvisignis, *Eulia*, Brazil - *Monimosocia*
phaloniodes, *Eulia*, Brazil - *Terinebrica*
sectionalis, *Eulia*, Costa Rica - *Netechma*
smaragdophaea, *Eulia*, Brazil - *Paracomotis*
stictoneura, *Tortrix*, Brazil - *Harposcleritia*
tephrodelta, *Eulia*, Mexico - *Cuproxena*
trissophricta, *Eulia*, Brazil - *Orthocomotis*
vulpicoma, *Spatalistis*, Brazil - *Vulpoxena*

ATTERIINI

cosmoscelis, *Tortrix*, Brazil - *Archipimima*
labyrinthopa, *Cacoecia*, Brazil - *Archipimima*
rhizosema, *Eulia*, Brazil - *Anacrusis*

SPARGANOTHINI

aequiflexa, *Cacoecia*, Brazil - *Amorbia*
biforata, *Cacoecia*, Brazil - *Cacoecia* Meyrick not Hübner

TYPES OF SPECIES DEPOSITED IN THE NATURAL HISTORY MUSEUM OF VIENNA DESCRIBED BY EDWARD MEYRICK

chionophthalma, *Sparganothis*, Bolivia - *Paramorbia*
chlorolyca, *Amorbia*, Brazil - *Amorbia*
crocograpt, *Capua*, Madagascar - *Pandemis*
decagramma, *Philedone*, Brazil - "*Sparganothis*"
elaeoptera, *Amorbia*, Brazil - *Amorbia*
geminorum, *Sparganothis*, Costa Rica - *Sparganopseustis*
helianthes, *Sparganothis*, Costa Rica - *Platynota*
leptophracta, *Capua*, Brazil - *Amorbia*
osmotris, *Amorbia*, Costa Rica - *Amorbia*
rectangularis, *Amorbia*, Brazil - *Amorbia*
ruficapilla, *Capua*, Bolivia - unplaced *Anacrusiini*
spilocryptis, *Amorbia*, Bolivia - *Amorbia*
thiodyta, *Capua*, Brazil - unplaced species

ARCHIPINI

amphigona, *Homona*, Sumatra - *Homona salaconis*
artocopa, *Tortrix*, Costa Rica - *Argyrotaenia*
clivigera, *Cacoecia*, Peru - unplaced species
iopsamma, *Tortrix*, Brazil - *Argyrotaenia*
liotoma, *Tortrix*, China - *Clepsis rurinana*
oligachthes, *Eulia*, Costa Rica - *Argyrotaenia*
purata, *Tortrix*, Costa Rica - *Argyrotaenia*
tristriata, *Eulia*, Brazil - *Argyrotaenia*
chersopis, *Goniotorna*, Madagascar - *Goniotorna*

CHLIDANOTINAE
POLYORTHINI

crypsilitha, *Polyortha*, Brazil - *Ardeutica*
halianassa, *Polyortha*, Brazil - *Polyortha*

CHLIDANOTINI

multifurcata, *Eulia*, Costa Rica - *Auratonota*

OLETHREUTINAE
GRAPHOLITINI

prosecta, *Eulia*, Costa Rica - *Cydia fabivora*

Catalogue

TORTRICINAE
COCHYLINI

Acarolella stereopis (Meyrick, 1931) (Fig. 1)
Euxanthis stereopis Meyrick, 1931: 158; t. 1.: Argentina: Las Garzas: Bord du Rio Las Garzas [on label]; Nord du Chaco de Santa Fe.

RAZOWSKI (1964) illustrated the male genitalia of the holotype (as *E. stereopis* [sic!]);
 RAZOWSKI & BECKER (1983) placed it in *Acarolella* Razowski & Becker, 1983.

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Aethesoides chalcospila (Meyrick, 1932) (Fig. 2)

Phalonia chalcospila Meyrick, 1932: 265; t. l.: Costa Rica: N. Hamburgo, Río Reventazón.

RAZOWSKI (1964) illustrated the female genitalia of the holotype and transferred *chalcospila* to *Aethesoides* Razowski, 1964.

Cirrothaumatia tornocarpa (Meyrick, 1932) (Fig. 3)

Phtheochroa tornocarpa Meyrick, 1932: 267; t. l.: North Panama: Lino.

RAZOWSKI (1964) illustrated the female genitalia of the holotype and placed *tornocarpa* in *Phalonidia* Le Marchand, 1933; RAZOWSKI (1990) transferred it to *Cirrothaumatia* Razowski & Becker, 1986.

Eugnosta aphrobapta (Meyrick, 1931) (Fig. 4)

Eulia aphrobapta Meyrick, 1931: 151; t. l.: Brazil: Espírito Santo: Guandú.

RAZOWSKI (1964) illustrated the male genitalia of the holotype and placed *aphrobapta* in *Carolella* Busck, 1939 which is synonymous with *Eugnosta*; RAZOWSKI (1994) formally transferred the species to *Eugnosta* Hübner, [1825].

Eugnosta molybdanthes (Meyrick, 1932) (Fig. 5)

Phtheochroa molybdanthes Meyrick, 1932: 266; t. l.: Brazil: Santa Catarina: Petropolis.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; RAZOWSKI (1994) transferred *molybdanthes* to *Eugnosta* Hübner, [1825].

Eugnosta selecta (Meyrick, 1931) (Fig. 6)

Euxanthis selecta Meyrick, 1931; t. l.: Paraguay: Asunción.

RAZOWSKI (1964) illustrated the female genitalia of the holotype; RAZOWSKI (1994) subsequently placed the species in *Eugnosta* Hübner, [1825].

Saphenista praefasciata (Meyrick, 1932)

Phalonia praefasciata Meyrick, 1932: 266; t. l.: Costa Rica: Irazu.

RAZOWSKI (1964) illustrated the male genitalia of the holotype and transferred *praefasciata* to *Phalonidia* Le Marchand, 1933; RAZOWSKI & BECKER (1986) placed it in *Saphenista* Walsingham, 1914.

Saphenista sphragidias (Meyrick, 1932) (Fig. 7)

Phalonia sphragidias Meyrick, 1932: 265; t. l.: Bolivia: Andes.

RAZOWSKI (1964) illustrated the female genitalia of the holotype; RAZOWSKI (1967) transferred *sphragidias* to *Saphenista* Walsingham, 1914.

Unplaced species

Phtheochroa calyptrophanes Meyrick, 1931 (Fig. 8)

Phtheochroa calyptrophanes Meyrick, 1931: 266; t. l.: S. Peru: Madre de Dios.

RAZOWSKI (1964) illustrated the female genitalia of the holotype; RAZOWSKI (1994) redescribed the species. The male remains unknown, hence the systematic position of this species is uncertain.

EULIINI

Bidorpitia exanthina (Meyrick, 1931) (Fig. 9)

Eulia exanthina Meyrick, 1931: 152; t. l.: Brazil: Minas Gerais: Passo Quatro.

RAZOWSKI (1964) illustrated the female genitalia of the holotype; BROWN & POWELL (1991) transferred the species to *Bidorpitia* Brown, 1991.

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Clarkeulia exstinctrix (Meyrick, 1931) (Fig. 10)

Eulia exstinctrix Meyrick 1931: 153; t. l.: Brazil: São Paulo.

RAZOWSKI (1964) figured the male genitalia of the holotype; RAZOWSKI & BECKER (1984) transferred the species to *Clarkeulia* Razowski, 1982.

Colosyta ocystola (Meyrick, 1932) (Fig. 11)

Eulia ocystola Meyrick, 1932: 259; t. l.: Costa Rica: Irazu.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; RAZOWSKI (1997) proposed placing the species in *Colosyta* with *ocystola* as the type species.

Cuproxena flosculana (Walsingham, 1914) (Fig. 12)

Tortrix tephrodelta Meyrick, 1932: 260; t. l.: Mexico.

RAZOWSKI (1964) illustrated the male genitalia of the holotype of *tephrodelta*; BROWN & POWELL (1991) synonymized it with *flosculana* and placed it in *Cuproxena* Powell & Brown, 1991.

Harposcleritia stictoneura (Meyrick, 1930) (Fig. 13)

Tortrix stictoneura Meyrick, 1930: 224; t. l.: Brazil: Serra do Itatiaia.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; RAZOWSKI (1990) proposed the genus *Harposcleritia* with *stictoneura* as the type species.

Hynhamia hemileuca (Meyrick, 1932) (Fig. 14)

Tortrix hemileuca Meyrick, 1932: 256; t. l.: Colombia: Bogotá.

RAZOWSKI (1964) illustrated the genitalia of the male holotype; RAZOWSKI (1987a) proposed the genus *Hynhamia* for the species.

Pseudomeritastis heliadelpha (Meyrick, 1932) (Fig. 15)

Meritastis heliadelpha Meyrick, 1932: 261; t. l.: Bolivia: Río Songo.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; OBRAZTSOV (1966) transferred the species to *Pseudomeritastis* Obraztsov, 1966.

Monimosocia parvisignis (Meyrick, 1931) (Fig. 16)

Eulia parvisignis Meyrick, 1931: 152; t. l.: Brazil: São Paulo.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; RAZOWSKI (1990) proposed *Monimosocia* Razowski, 1990, with *parvisignis* as the type species.

Netechma sectionalis (Meyrick, 1932) (Fig. 17)

Eulia sectionalis Meyrick, 1932: 260; t. l.: Costa Rica: Orosi.

RAZOWSKI (1964) illustrated the female genitalia of the holotype; RAZOWSKI (1999) transferred it to *Netechma* Razowski, 1992.

Orthocomotis melanochlora (Meyrick, 1931) (Fig. 18)

Elia melanochlora Meyrick, 1931: 151; t. l.: Brazil: Minas Gerais: Passo Quatro.

CLARKE (1955) transferred the species to *Orthocomotis* Dognin, 1905 and illustrated the male genitalia.

Orthocomotis trissophricta (Meyrick, 1932) (Fig. 19)

Eulia trissophricta Meyrick, 1932: 259; t. l.: Brazil: Jaraguá, Santa Catarina.

RAZOWSKI (1964) illustrated the male genitalia of the lectotype; RAZOWSKI (1982) transferred the species to *Orthocomotis* Dognin, 1905.

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Paracomotis smaragdophaea (Meyrick, 1932) (Fig. 20)

Eulia smaragdophaea Meyrick, 1932: 258; t. l.: Brazil: Jaraguá, Santa Catarina.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; BROWN (1991) transferred the species to *Paracomotis* Razowski, 1982, with *smaragdophaea* as the types species.

Punctapinella chionocarpa (Meyrick, 1932) (Fig. 21)

Eulia chionocarpa Meyrick, 1932: 257; t. l.: Colombia: Central Cordillera: Guindin.

RAZOWSKI (1964) illustrated the female genitalia of the holotype; BROWN (1991) transferred the species to *Punctapinella* Brown, 1991.

Punctapinella niphastra (Meyrick, 1931) (Fig. 22)

Eulia niphastra Meyrick, 1931: 151; t. l.: Brazil: Espirito Santo: Guandu.

RAZOWSKI (1964) illustrated the female genitalia of the holotype; BROWN (1991) transferred it to *Punctapinella* Brown, 1991.

Saetosacculina degenerans (Meyrick, 1930) (Fig. 23)

Tortrix degenerans Meyrick, 1930: 224; t. l.: Brazil: Serra do Itatiaya.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; RAZOWSKI (1990) erected for it the genus *Saetosacculina* Razowski, 1990 with *degenerans* as the type species.

Subtranstillaspis hypochloris (Meyrick, 1931) (Fig. 24)

Eulia hypochloris Meyrick, 1931: 256; t. l.: Costa Rica: La Trinidad.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; RAZOWSKI (1990) the genus *Subtranstillaspis* Razowski, 1990 with *hypochloris* as the type species.

Tapinodoxa autonephes Meyrick, 1931 (Fig. 25)

Tapinodoxa autonephes Meyrick, 1931: 154; t. l.: Paraguay: Asunción.

RAZOWSKI (1964) illustrated the female genitalia of the lectotype.

Terinebrica phaloniodes (Meyrick, 1932) (Fig. 26)

Eulia phaloniodes Meyrick, 1932: 257; t. l.: Brazil: Jaraguá, Santa Catarina.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; RAZOWSKI (1987b) transferred the species to *Terinebrica* Razowski, 1987.

Vulpoxena vulpicoma (Meyrick, 1932)

Spatalistis vulpicoma Meyrick, 1932: 261; t. l.: Brazil: Neu Bremen, Santa Catarina.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; BROWN & POWELL (1991) proposed *Vulpoxena* Brown, 1991, with *vulpicoma* as the type species.

ATTERIINI

Archipimima cosmoscelis (Meyrick, 1932) (Fig. 27)

Tortrix cosmoscelis Meyrick, 1932: 255; t. l.: Brazil: Jaraguá, Santa Catarina.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; POWELL (1986) transferred it to *Archipimima* Powell, 1986.

Anacrusis rhizosema (Meyrick, 1931) (Fig. 28)

Eulia rhizosema Meyrick, 1931: 152; t. l.: Brazil: São Paulo

Transferable to *Anacrusis* Zeller, 1877.

TYPES OF SPECIES DEPOSITED IN THE NATURAL HISTORY MUSEUM OF VIENNA DESCRIBED BY EDWARD MEYRICK

Unplaced species

Capua ruficapilla Meyrick, 1932 (Fig. 29)*Capua ruficapilla* Meyrick, 1932: 252; t. l.: Bolivia: Río Songo.RAZOWSKI (1964) illustrated the female genitalia of the holotype; POWELL *et al.* (1995) included it in the unplaced Atteriini.

SPARGANOTHINI

Amorbia aequiflexa (Meyrick, 1931) (Fig. 30)*Cacoecia aequiflexa* Meyrick, 1931: 149; t. l.: Brazil: Espírito Santo: Guandu.RAZOWSKI (1964) illustrated the female genitalia of the lectotype; POWELL *et al.* (1995) transferred it to *Amorbia* Clemens, 1860.*Amorbia chlorolyca* Meyrick, 1931 (Fig. 31)*Amorbia chlorolyca* Meyrick, 1931: 155; t. l.: Brazil: Espírito Santo: Guandu.

RAZOWSKI (1964) illustrated the female genitalia of the lectotype.

Amorbia elaeoptera Meyrick, 1932 (Fig. 32)*Amorbia elaeoptera* Meyrick, 1932: 263; t. l.: Brazil: Santa Catarina.

RAZOWSKI (1964) illustrated the female genitalia of the lectotype.

Amorbia leucophracta (Meyrick, 1931) (Fig. 33)*Capua leucophracta* Meyrick, 1931: 147; t. l.: Brazil: Alto da Serra, São Paulo.RAZOWSKI (1964) illustrated the male genitalia of the lectotype; POWELL *et al.* (1995) transferred it to *Amorbia* Clemens, 1860.*Amorbia osmotris* Meyrick, 1932 (Fig. 34)*Amorbia osmotris* Meyrick, 1932: 263; t. l.: Costa Rica: Irazu.

RAZOWSKI (1964) illustrated the male genitalia of the holotype.

Amorbia rectangularis Meyrick, 1931 (Fig. 35)*Amorbia rectangularis* Meyrick, 1931: 155; t. l.: Brazil: Rio Grande do Sul.

RAZOWSKI (1964) illustrated the male genitalia of the lectotype.

Amorbia spilocryptis Meyrick, 1932 (Fig. 36)*Amorbia spilocryptis* Meyrick, 1932: 262; t. l.: Bolivia: Río Songo.

RAZOWSKI (1964) illustrated the male genitalia of the holotype.

Archipimima labyrinthopa (Meyrick, 1932) (Fig. 37)*Cacoecia labyrinthopa* Meyrick, 1932: 253; t. l.: Brazil: Neu Bremen, Santa Catarina.RAZOWSKI (1964) illustrated the male genitalia of the holotype; POWELL (1986) placed the species in *Archipimima* Powell, 1986.*Paramorbia chionophthalma* (Meyrick, 1932) (Fig. 38)*Sparganothis chionophthalma* Meyrick, 1932: 263; t. l.: Bolivia: Río Songo.RAZOWSKI (1964) illustrated the male genitalia of the holotype; POWELL & LAMBERT (1986) transferred it to *Paramorbia* Powell & Lambert, 1986.*Platynota helianthes* (Meyrick, 1932) (Fig. 39)*Sparganothis helianthes* Meyrick, 1932: 264; t. l.: Costa Rica: Río Surumbes.

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RAZOWSKI (1964) illustrated the female genitalia of the holotype; POWELL *et al.* (1995) transferred it to *Platynota* Clemens, 1860.

Sparganopseustis geminorum (Meyrick, 1932) (Fig. 40)

Sparganothis geminorum Meyrick, 1932: 263; t. l.: Costa Rica: Palo Verde.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; BROWN (1995) placed the species in *Sparganopseustis* Powell & Lambert, 1986.

“*Sparganothis*” *decagramma* (Meyrick, 1912) Fig. 41)

Philedone decagramma Meyrick, 1912: 252; t. l.: Brazil: Neu Bremen, Santa Catarina.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; LANDRY & POWELL (2001) placed it in “*Sparganothis*” Powell, 1986.

Unplaced species:

Capua thiodyta Meyrick, 1931 (Fig. 42)

Capua thiodyta Meyrick, 1931: 148; Brazil: São Paulo.

RAZOWSKI (1964) illustrated the female genitalia of the holotype; transferable to *Sparganothis*.

Cacoecia biforata (Meyrick, 1930) (Fig. 43)

Cacoecia biforata Meyrick, 1930: 224; t. l.: Brazil: Serra do Itatiaia.

RAZOWSKI (1964) illustrated the female genitalia of the holotype; systematic position unclear.

ARCHIPINI

Argyrotaenia artocopa (Meyrick, 1932) (Fig. 44)

Tortrix artocopa Meyrick, 1932: 255; t. l.: Costa Rica: Orosi.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; POWELL *et al.* (1995) transferred it to *Argyrotaenia* Stephens, 1852.

Argyrotaenia iopsamma (Meyrick, 1931) (Fig. 45)

Tortrix iopsamma Meyrick, 1931: 150; t. l.: Brazil: São Paulo: Alto da Serra.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; POWELL *et al.* (1995) transferred it to *Argyrotaenia* Stephens, 1852.

Argyrotaenia oligachthes (Meyrick, 1932) (Fig. 46)

Tortrix oligachthes Meyrick, 1932: 257; t. l.: Costa Rica: Orosi.

RAZOWSKI (1964) illustrated the male genitalia of the lectotype (as *digachthes*, misspelling); POWELL *et al.* (1995) transferred the species to *Argyrotaenia* Stephens, 1852.

Argyrotaenia purata (Meyrick, 1932) (Fig. 47)

Tortrix purata Meyrick, 1932: 254; t. l.: Costa Rica: Irazu.

OBRAZTSOV (1961) illustrated the male genitalia of the lectotype and transferred it to *Argyrotaenia* (*Subargyrotaenia*).

Argyrotaenia tristriata (Meyrick, 1931) (Fig. 48)

Eulia tristriata Meyrick, 1931: 151; t. l.: Brazil: Alto da Serra, São Paulo.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; POWELL *et al.* (1995) transferred the species to *Argyrotaenia* Stephens, 1852.

Clepsis rurinana (Linnaeus, 1758) (Fig. 49)

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Tortrix rurinana Linnaeus, 1758

Tortrix liotoma Meyrick, 1936: 60; t. l.: China: Sunpantig, Sichuan.

RAZOWSKI (1964) illustrated the male genitalia of the holotype.

Homona salaconis (Meyrick, 1912) (Fig. 50)

Cacoecia salaconis Meyrick, 1912

Homona amphigona Meyrick, 1936: 60; t. l.: Sumatra.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; BROWN (2005) synonymized *amphigona* with *salaconis*.

Goniotorna chersopis Meyrick, 1933 (Fig. 51)

Goniotorna chersopis Meyrick, 1933: 423; t. l.: Madagascar.

DIAKONOFF (1959) redescribed and illustrated the type.

Pandemis crocograptus (Meyrick, 1933) (Fig. 52)

Capua crocograptus Meyrick, 1933: 422; t. l.: Madagascar.

DIAKONOFF (1960) placed the species in *Parapandemis*; RAZOWSKI (1964) listed the species with a short comment.

Unplaced species

Cacoecia clivigera Meyrick, 1932 (Fig. 53)

Cacoecia clivigera Meyrick, 1932: 253; t. l.: Peru: Madre de Dios.

RAZOWSKI (1964) illustrated the female genitalia of the holotype; BROWN (2005) listed it in unplaced Archipini; *clivigera* probably is referable to Atteriini.

POLYORTHINI

Ardeutica crypsilitha (Meyrick, 1932)

Polyortha crypsilitha Meyrick, 1932: 264; t. l.: Brazil: Jaraguá, Santa Catarina.

RAZOWSKI (1964) illustrated the female genitalia of the holotype; RAZOWSKI & BECKER (1981) transferred it to *Ardeutica* Meyrick, 1913. Specimen not located.

Polyortha halianassa Meyrick, 1934

Polyortha halianassa Meyrick, 1934: 264; t. l.: Brazil: Jaraguá, Santa Catarina.

RAZOWSKI (1964) illustrated the male genitalia of the holotype. Specimen not located.

CHLIDANOTINI

Auratonota multifurcata (Meyrick, 1932) (Fig. 54)

Eulia multifurcata Meyrick, 1932: 260; t. l.: Costa Rica: Poás;

RAZOWSKI (1964) illustrated the male genitalia of the holotype; RAZOWSKI (1987a) transferred the species to *Auratonota* Razowski, 1987.

GRAPHOLITINI

Cydia fabivora (Meyrick, 1928) (Fig. 55)

Laspeyresia fabivora Meyrick, 1928

Eulia prosecta Meyrick, 1932: 259; t. l.: Costa Rica: Orosi.

RAZOWSKI (1964) illustrated the male genitalia of the holotype; POWELL *et al.* (1995) transferred it to *Cydia* Hübner, [1825] with its synonymies.

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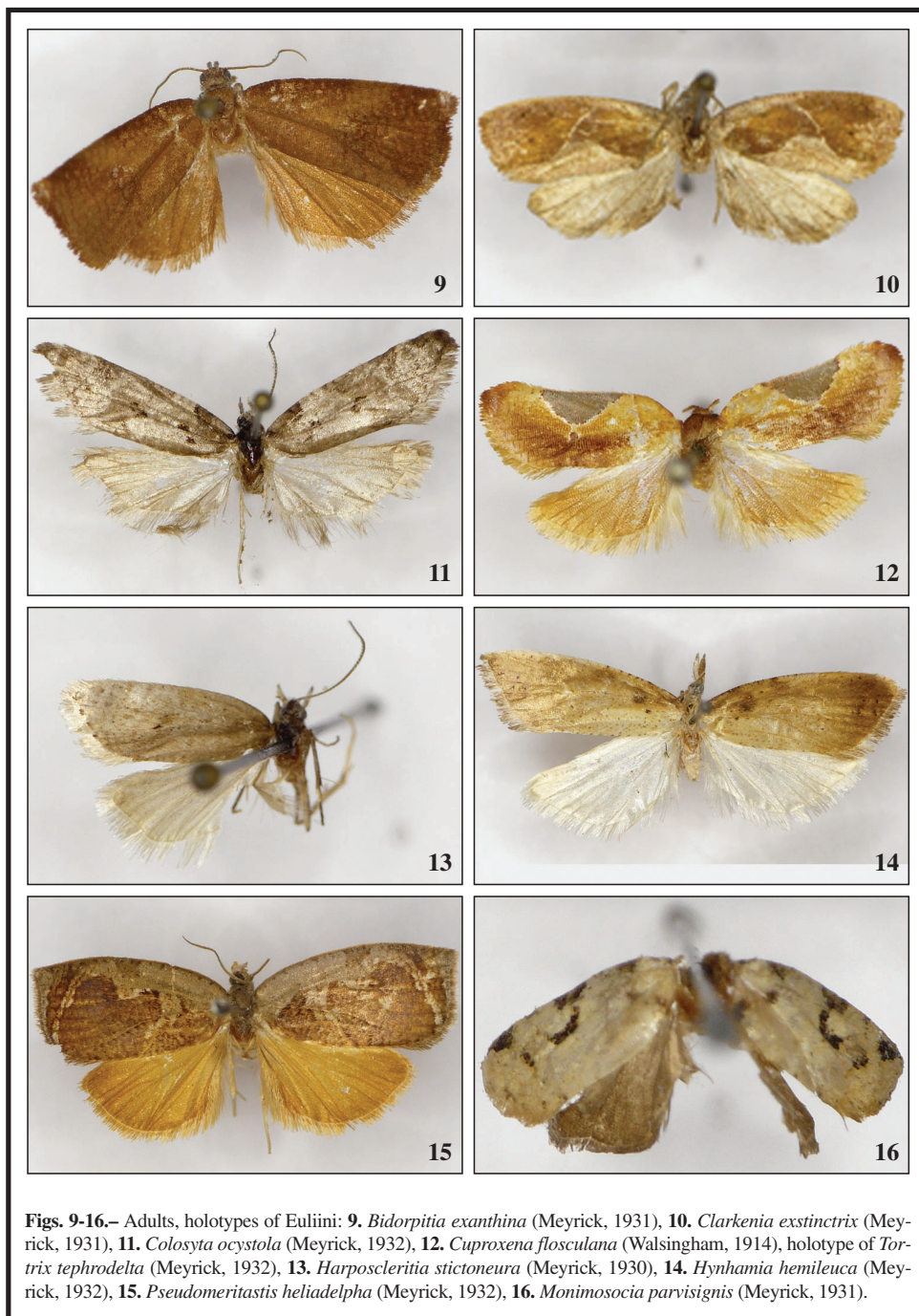
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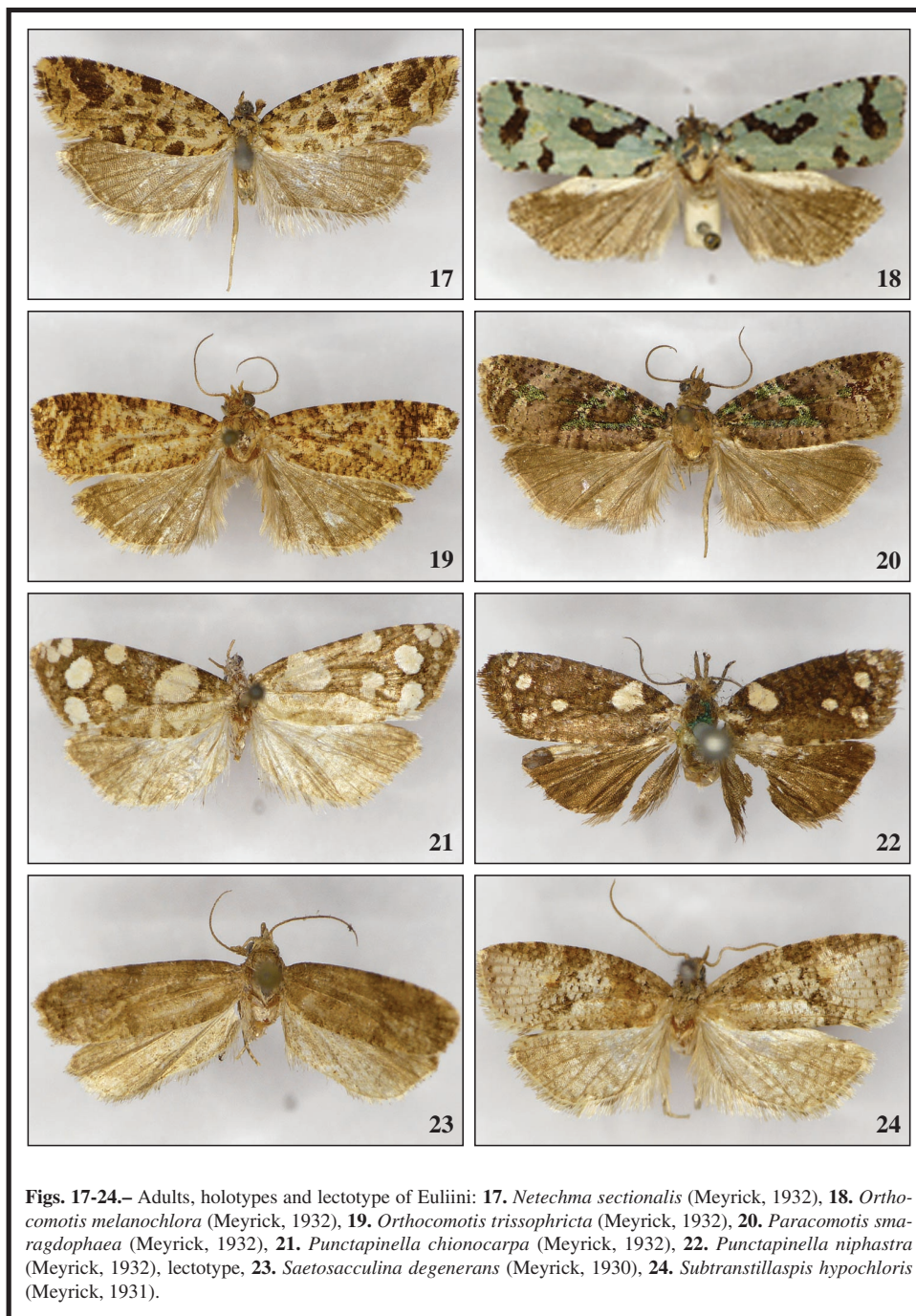
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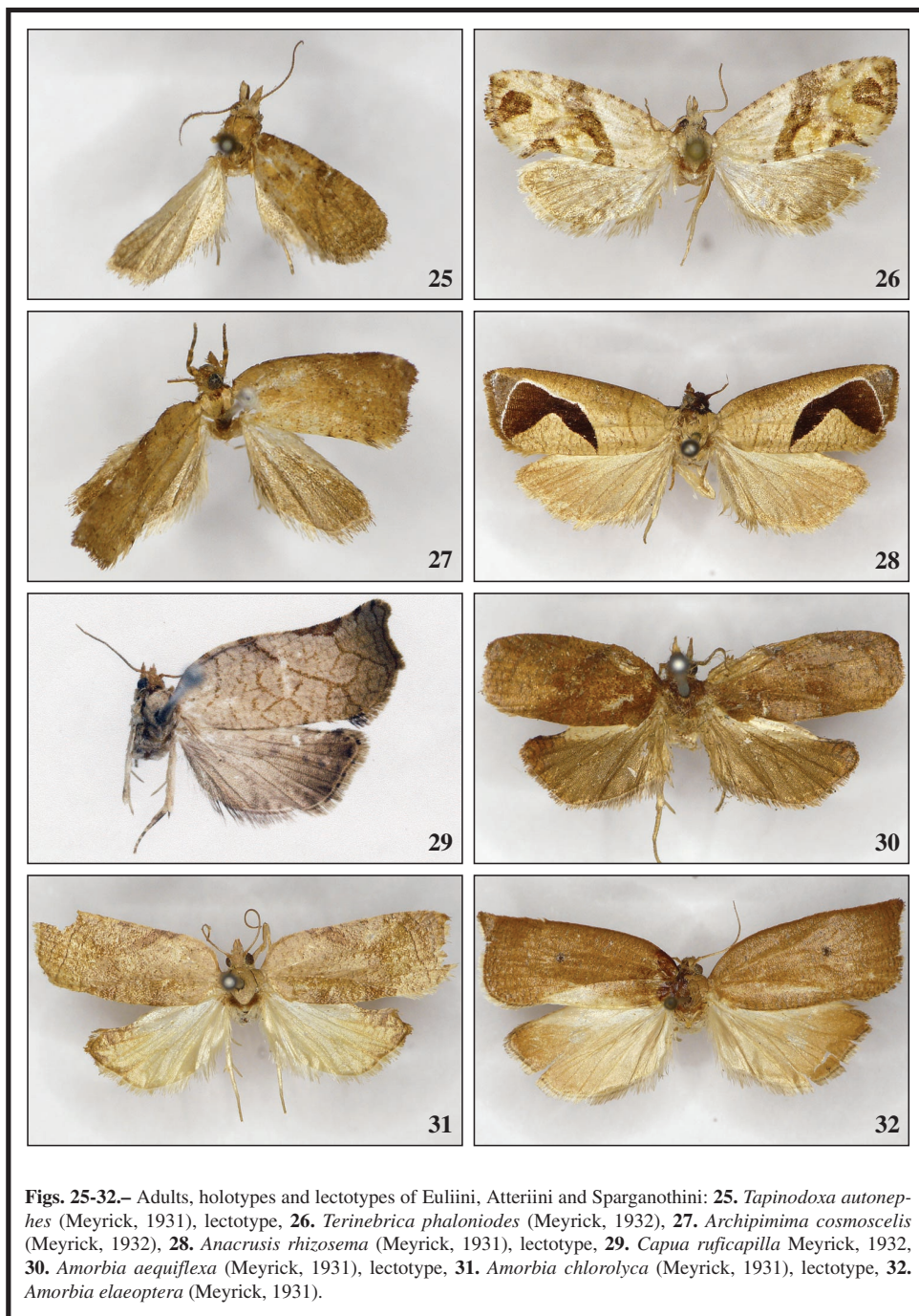
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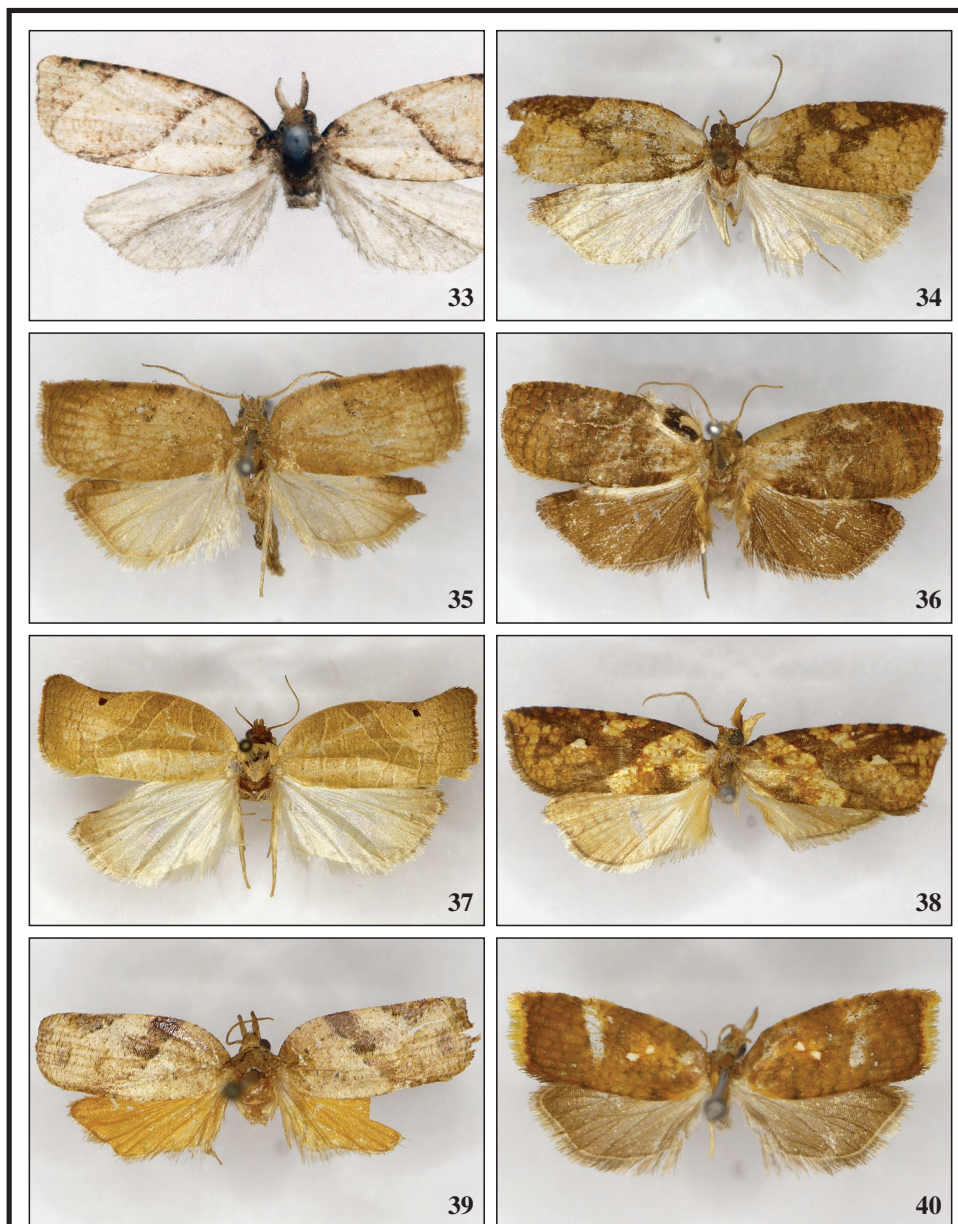
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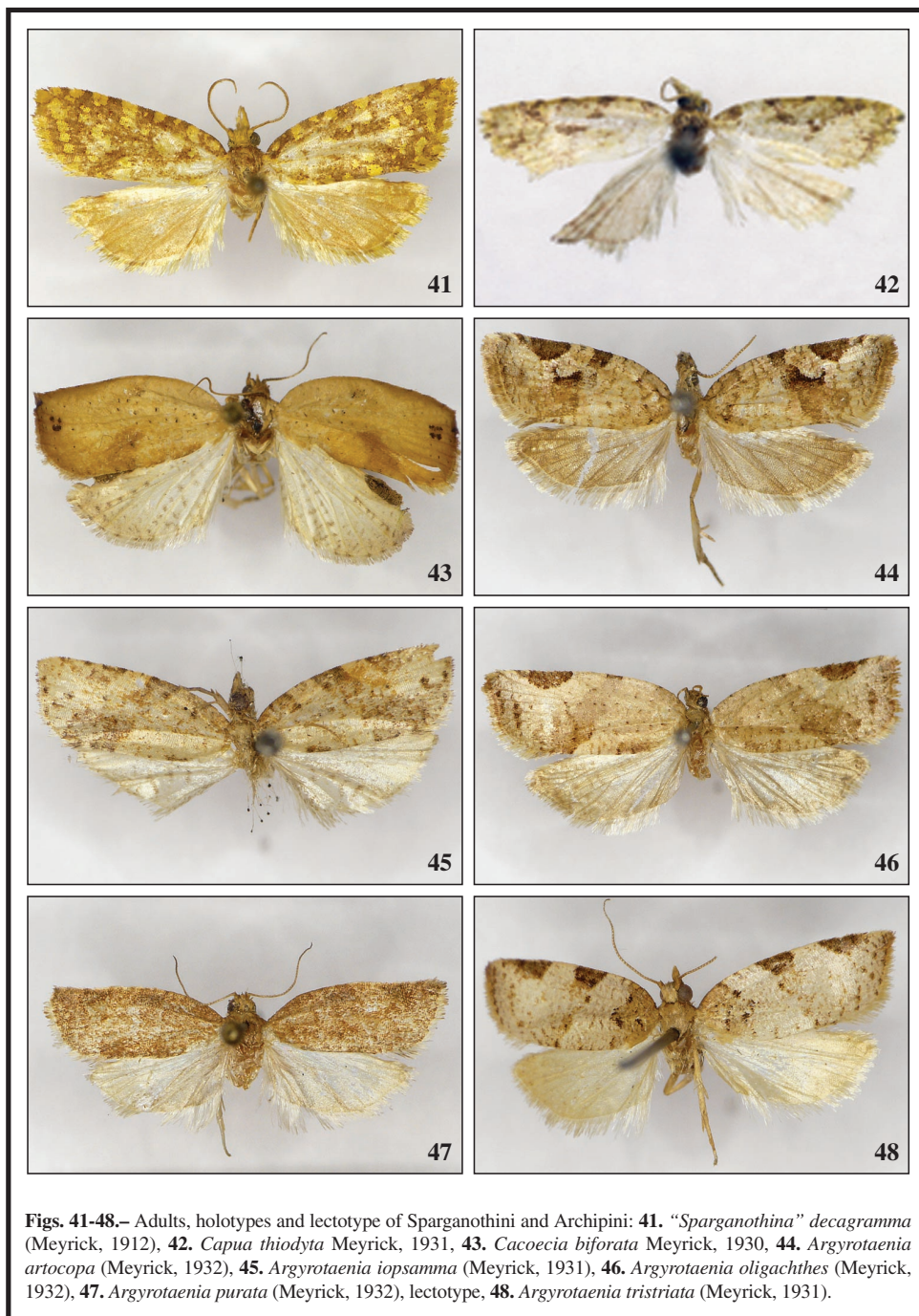


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Figs. 33-40.— Adults, holotypes and lectotypes of Sparganothini: **33.** *Amorbia leptophracta* (Meyrick, 1931), **34.** *Amorbia osmotris* Meyrick, 1932, **35.** *Amorbia rectangularis* Meyrick, 1931, lectotype, **36.** *Amorbia spilocryptis* Meyrick, 1932, **37.** *Archipimima labyrinthopa* (Meyrick, 1932), **38.** *Paramorbia chionophthalma* (Meyrick, 1932), **39.** *Platynota helianthes* (Meyrick, 1932), **40.** *Sparganopseustis geminorum* (Meyrick, 1932).

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