

# TORTS

Newsletter of the  
**Troop of Reputed Tortricid Systematists**

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## **A GUIDE TO PALEOGRAPHY**

Ever had trouble interpreting the hand-written data on an older specimen label? Daisy Cunynghame is a specialist librarian and a colleague of Kevin Tuck at The Natural History Museum, London, U.K. She recently produced an excellent short guide to paleography (the study of ancient writing) titled "How to Decipher Unfamiliar Handwriting. A Short Introduction to Paleography." Those who find themselves trying to decipher old BMNH specimen labels and abbreviations may find this guide extremely useful. Although it is a copyrighted document, so please cite it as such, Ms. Cunynghame has generously provided a PDF of the guide for our use. It will be made available in the TORTS e-library soon, but you can get an advance copy by contacting Kevin Tuck or John Brown.

## **PROGRESS ON PHYLOGENY OF TORTRICIDAE**

With funding from the National Science Foundation, the Lepidoptera Tree-of-Life Group at the University of Maryland has continued to make progress on reconstructing an overall "backbone" phylogeny of the order Lepidoptera. However, smaller projects focused on specific families or superfamilies are now in progress, including an analysis of Tortricidae. For that project, up to five nuclear genes (6,633 bp) in each of 52 tortricids spanning all three subfamilies and 19 of the 22 tribes, plus up to 14 additional genes, for a total of 14,826 bp, in 29 of those taxa plus 14 outgroup taxa, have been sequenced. Maximum likelihood analyses have yielded trees that within Tortricidae differ little among subsets of the data and are nearly always strongly supported at all taxonomic levels. The analyses show strong support for the monophyly of Tortricinae and of Olethreutinae, and for the sister relationship of these two subfamilies. The earliest branching tortricid lineages (i.e., Chlidanotinae) are less resolved, and the findings suggest that the subfamily may be paraphyletic.

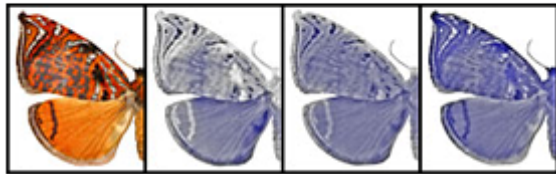
Hear more details of the results of this study, which should be published later this year, at the Lepidopterists' Society Meeting in Denver, July 2012.

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## **TORTRICID E-LIBRARY**

In 2011 we added nearly 100 PDFs to the tortricid e-library. Although most of these are not yet available on the website, they will be added soon. If you are searching for a particular article, please contact me and I will search the database. Please continue to send me PDFs of new and/or old articles for incorporation into the e-library. John Brown

# Tortricid2012



INTERNATIONAL MEETING  
OF TORTRICID SYSTEMATISTS  
DENVER, COLORADO  
JULY 23, 2012

## Tortricid Meeting Details

The 2012 Lepidopterists' Society Annual Meeting will take place July 23-29 as a combined meeting with the Societas Europaea Lepidopterologica. The meeting will be held at the Denver Museum of Nature & Science (DMNS) in Denver, Colorado, at the foot of the magnificent Rocky Mountains. The 2012 meeting has an expanded program, with three days of talks and symposia, 21 guided field trips to spectacular mountain locations for collectors and watchers, the traditional BBQ and banquet, and access to one of the most renowned natural history exhibits in the United States at the DMNS.

We will kick off the annual meeting of the Lepidopterists' Society on Monday, July 23 with "Tortricid2012," an international meeting of tortricid systematists. The meeting will utilize the same venue and accommodations as the Lepsoc meeting; it will be held at the Denver Museum of Nature & Science, and accommodations will be provided by the Red Lion Hotel. This will allow persons to attend the meeting without incurring any costs beyond an extra night in the hotel.

To register for Lepsoc 2012 and book accommodations, please visit the following website. Note that attendees of the tortricid meeting must also be registered for the Lepsoc meeting:

<http://www.dmns.org/lepidopterists-annual-meeting>

Registration for Tortricid2012 is now open. Please provide the information requested on the following page and email it to Todd Giliigan. Registration cost for the meeting will be \$10 USD, and this fee will cover lunch. The registration fee can be paid by check or cash on the day of the meeting; please do not send funds in the mail. The schedule for the meeting is as follows:

## Tortricid2012 Schedule Monday, July 23

**8:30-9:00 AM**                      **Registration at DMNS**

**9:00 AM-12:00 PM**   **Taxon group symposium**

We will have experts in different groups present the latest systematic information on various subfamilies, tribes, or genera. We will conclude the session with an overview of the latest phylogenetic tree generated by molecular data for Tortricidae.

**12:00-1:00 PM**                      **Lunch (provided)**

**1:00-4:00 PM**                      **Workshops and talks**

This is an open session where anyone can present special techniques for preparing or studying specimens, information on your particular study group, or any talk related to tortricids.

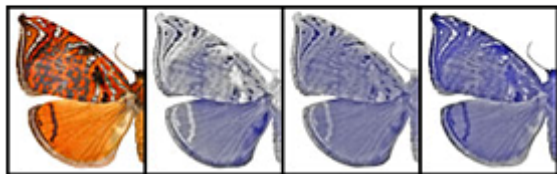
**4:00-5:00 PM**                      **Grant proposal**

We will conclude the meeting with a discussion of an NSF grant proposal involving tortricid systematics that will be submitted at the end of 2012. We will discuss collaboration details and hopefully have a working draft.

**5:00 PM-Late**                      **Tortricid collecting**

Although there is an official Lepsoc moth trip occurring at the same time, we will be prepared to take persons tortricid collecting in the prairies east of Denver. Please note your interest when sending in your registration information.

# Tortricid2012



INTERNATIONAL MEETING  
OF TORTRICID SYSTEMATISTS  
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JULY 23, 2012

The following registration information is for the Tortricid2012 meeting. To attend the meeting, you will also need to be registered for the Lepidopterists' Society meeting. **Registrations for the two meetings are separate** and you will need to send the following information to the contact email below even if you have already registered for the Lepsoc meeting. Registration costs for Tortricid2012 are \$10 USD, to be paid by check or cash on the day of the meeting.

To register for Tortricid2012, please email the following information to the organizer:

**Todd Gilligan** ([tgilliga@gmail.com](mailto:tgilliga@gmail.com))

Contributed papers listed here are separate from those presented at the Lepsoc 2012 meeting; e.g., you can present the same paper at both meetings if desired. Contributed paper titles and abstracts must be received by June 15 for consideration in the program.

## Personal Information

Name (first and last)

Email address

Affiliation/organization

Mailing address (street, city, state/province, postal code, country)

## Contributed Papers

Would you like to present a paper in the afternoon session?

If yes, list your title and abstract (150 words or less). Contributed papers will be limited to approximately 15 minutes, but longer times are allowed depending on the topic and the number of submissions.

## Collecting

Would you be interested in collecting at a location to be decided the evening of July 23?

## Other Information

The Red Lion Hotel will provide transportation from Denver International Airport. If staying at the Red Lion Hotel and attending Tortricid2012, you will want to book reservations starting on Sunday, July 22 (the link from the DMNS registration page is for a reservation starting on the July 23). Special room rates of \$69/night for the Lepidopterists' Society meeting should apply. Contact Todd Gilligan if you have any problems with room reservations.

## **TORTRICID CATALOGUE UPDATES AND CORRECTIONS**

It has been over a year since the on-line tortricid catalogue has been updated, and during that time we have received numerous corrections and suggestions for its improvement. We have continued to compile these, and they will be incorporated before the end of 2012. We also will continue to add new taxa and make systematic and nomenclatural changes, including the additions and changes presented in this newsletter.

We sincerely thank all those who have provided corrections and suggestions, and encourage you to continue to assist us keep the catalogue accurate and up-to-date. Please send inquiries to John Brown or Todd Gilligan. Thanks.

## TAXONOMIC ADDITIONS AND CHANGES PROPOSED IN 2010

Below is a list of the new tortricid taxa proposed in 2010, followed by a list of new synonyms, new combinations, and misspellings, followed by the literature that supports the proposed additions and changes. I thank those of you who sent me repints of your work, either hard copy or electronic. Because this list is forwarded to Todd Gilligan for incorporation into the on-line tortricid world catalog, I would appreciate it if authors of new taxa would please take a moment to review the citations of their newly described species and genera and provide me (and/or Todd Gilligan) with corrections. Thanks much.

### Acleris

***baleina*** Razowski & Trematerra, 2010 (*Acleris*); Journal of Entomological and Acarological Research (Ser. II) 42: 51. TL: Ethiopia (Bale Mountains, Sanetti Plateau). Holotype: ♂ (Trematerra Collection).

***harennana*** Razowski & Trematerra, 2010 (*Acleris*); J. Entomol. Acarol. Res. (Ser. II) 42: 51. TL: Ethiopia (Bale Mountains, Harennana Forest, Karcha Camp). Holotype: ♂ (Trematerra Collection).

### Acmanthina

***molinana*** Razowski & Pelz, 2010 (*Acmanthina*); SHILAP Revta. Lepid. 38: 12. TL: Chile (Maule, Curico Province, 60 km SE Molina, R.N. Radal Siete Tazas). Holotype: ♀ (SMFG).

### Actihema

***fibigeri*** Aarvik, 2010 (*Actihema*); Norwegian Journal of Entomology 57: 96. TL: Uganda

(SW) (Kabale Distr., Ruhija). Holotype: ♂ (NHMO).

***jirani*** Aarvik, 2010 (*Actihema*); Norwegian Journal of Entomology 57: 92. TL: Uganda (SW) (Kabale Distr., Ruhija). Holotype: ♂ (NHMO).

***msituni*** Aarvik, 2010 (*Actihema*); Norwegian Journal of Entomology 57: 93. TL: Kenya (Central Province, Mt. Kenya S slope, Castle Forest Lodge). Holotype: ♂ (NHMO).

***simpsonae*** Aarvik, 2010 (*Actihema*); Norwegian Journal of Entomology 57: 96. TL: Kenya (Rift Valley Prov., Gilgil). Holotype: ♂ (NHMO).

### Aethes

***hoppei*** Blackstein & Karisch, 2010 (*Aethes*); Nota Lepidopterologica 33: 221. TL: Tunisia (Prov. Kebeli, 2 km SW Bazma, 12 km S Kebili). Holotype: ♂ (MNB, Berlin).

### Afropoecilia

***Afropoecilia*** Aarvik, 2010; Norwegian Journal of Entomology 57: 101. Type species: *Afropoecilia kituloensis* Aarvik, 2010. [Tortricinae: Cochylini]

***kituloensis*** Aarvik, 2010 (*Afropoecilia*); Norwegian Journal of Entomology 57: 102. TL: Tanzania (Iringa Reg., Makete District, Kitulo Plateau). Holotype: ♂ (NHMO).

### Amorbia

***trisecta*** Razowski & Wojtusiak, 2010 (*Amorbia*); Acta Zoologica Cracoviensia 53B: 113. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

Anacrusis

***guttula*** Razowski & Wojtusiak, 2010  
(*Anacrusis*); Genus 21: 591. TL: Ecuador  
(Napo Prov., Yanayacu Biological Station).  
Holotype: ♂ (USNM).

***yanayacana*** Razowski & Wojtusiak, 2010  
(*Anacrusis*); Genus 21: 590. TL: Ecuador  
(Napo Prov., Yanayacu Biological Station).  
Holotype: ♂ (USNM).

Anchicremna

***uncinata*** Razowski & Wojtusiak, 2010  
(*Anchicremna*); Acta Zool. Cracov. 53B: 115.  
TL: Peru (Prov. Cusco, Cordillera Vilcanota,  
Marcapata). Holotype: ♂ (Zoological  
Museum, Jagiellonian University).

Anopinella

***granadana*** Razowski & Wojtusiak, 2010  
(*Anopinella*); Acta Zool. Cracov. 53B: 85.  
TL: Peru (Prov. Amazonas, Molinopampa-  
Granada). Holotype: ♂ (Zoological Museum,  
Jagiellonian University).

***rotunda*** Razowski & Wojtusiak, 2010  
(*Anopinella*); Acta Zool. Cracov. 53B: 84.  
TL: Peru (Dept. Pasco, Oxapampa, El Cedro,  
Yanachaga-Chemillén N.P.). Holotype: ♂  
(Zoological Museum, Jagiellonian  
University).

***tergemina*** Razowski & Wojtusiak, 2010  
(*Anopinella*); Acta Zoologica Cracoviensia  
53B: 85. TL: Peru (Dept. Pasco, P.N.  
Yanachaga Chemillén, Refugio El Cedro).  
Holotype: ♀ (Zoological Museum,  
Jagiellonian University).

Archipimima

***yanachagae*** Razowski & Wojtusiak, 2010  
(*Archipimima*); Acta Zoologica Cracoviensia  
53B: 113. TL: Peru (Dept. Pasco, Pozuzo,

Huampal, Yanachaga-Chemillén N.P.).  
Holotype: ♂ (Zoological Museum,  
Jagiellonian University).

Argyrotaenia

***chiapasi*** Razowski & Becker, 2010  
(*Argyrotaenia*); Acta Zoologica Cracoviensia  
53B: 14. TL: Mexico (Chiapas, San Cristobal  
de las Casas). Holotype: ♂ (Becker  
Collection).

***cubae*** Razowski & Becker, 2010  
(*Argyrotaenia*); Acta Zoologica Cracoviensia  
53B: 13. TL: Cuba (Santiago, Sierra Maestra).  
Holotype: ♂ (Becker Collection).

***granpiedrae*** Razowski & Becker, 2010  
(*Argyrotaenia*); Acta Zoologica Cracoviensia  
53B: 17. TL: Cuba (Santiago, Gran Piedra).  
Holotype: ♂ (Becker Collection).

***graviduncus*** Razowski & Wojtusiak, 2010  
(*Argyrotaenia*); Acta Zoologica Cracoviensia  
53B: 118. TL: Peru (Prov. Cusco, Cordillera  
Vilcanota, Marcapata). Holotype: ♂  
(Zoological Museum, Jagiellonian  
University).

***griseina*** Razowski & Wojtusiak, 2010  
(*Argyrotaenia*); Acta Zoologica Cracoviensia  
53B: 117. TL: Peru (Dept. Huanuco, via  
Huanuco–Tingo María, Carpish). Holotype: ♂  
(Zoological Museum, Jagiellonian  
University).

***interfasciae*** Razowski & Wojtusiak, 2010  
(*Argyrotaenia*); Acta Zoologica Cracoviensia  
53B: 117. TL: Peru (Dept. Pasco, Oxapampa,  
El Cedro, Yanachaga-Chemillén N.P.).  
Holotype: ♂ (Zoological Museum,  
Jagiellonian University).

***lojalojae*** Razowski & Becker, 2010  
(*Argyrotaenia*); Acta Zoologica Cracoviensia  
53B: 15. TL: Ecuador (Loja, Loja). Holotype:  
♂ (Becker Collection).

**nigrorbis** Razowski & Wojtusiak, 2010  
(*Argyrotaenia*); Acta Zoologica Cracoviensia  
53B: 118. TL: Peru (Dept. Huanuco, via  
Huanuco–Tingo María, Carpish). Holotype: ♀  
(Zoological Museum, Jagiellonian  
University).

**posticrosea** Razowski & Wojtusiak, 2010  
(*Argyrotaenia*); Acta Zoologica Cracoviensia  
53B: 119. TL: Peru (Dept. Pasco, Oxapampa,  
El Cedro, Yanachaga-Chemillén N.P.).  
Holotype: ♀ (Zoological Museum,  
Jagiellonian University).

**potosiana** Razowski & Becker, 2010  
(*Argyrotaenia*); Acta Zoologica Cracoviensia  
53B: 17. TL: Mexico (Nuevo León, Cerro  
Potosí). Holotype: ♂ (Becker Collection).

**rufina** Razowski & Wojtusiak, 2010  
(*Argyrotaenia*); Acta Zoologica Cracoviensia  
53B: 116. TL: Peru (Dept. Pasco, Oxapampa,  
El Cedro, Yanachaga-Chemillén N.P.).  
Holotype: ♂ (Zoological Museum,  
Jagiellonian University).

**santacatarinae** Razowski & Becker, 2010  
(*Argyrotaenia*); Acta Zoologica Cracoviensia  
53B: 14. TL: Brazil (Santa Catarina, São  
Joaquim). Holotype: ♂ (Becker Collection).

**telemacana** Razowski & Becker, 2010  
(*Argyrotaenia*); Acta Zoologica Cracoviensia  
53B: 16. TL: Brazil (Paraná, Telemaco  
Borba). Holotype: ♂ (Becker Collection).

**vinalesiae** Razowski & Becker, 2010  
(*Argyrotaenia*); Acta Zoologica Cracoviensia  
53B: 13. TL: Cuba (Pinar del Río, Venales).  
Holotype: ♀ (Becker Collection).

#### Aspinipogon

**Aspinipogon** Razowski & Becker, 2010  
Polskie Pismo Entomologiczne 79: 446. Type  
species: *Aspinipogon bellus* Razowski &  
Becker, 2010. [Tortricinae: Cochylini]

**bellus** Razowski & Becker, 2010  
(*Aspinipogon*); Polskie Pismo  
Entomologiczne 79: 446. TL: Brazil (Paraná,  
Telemaco Borba). Holotype: ♂ (Becker  
Collection).

#### Auratonota

**chemillena** Razowski & Wojtusiak, 2010  
(*Auratonota*); Acta Zoologica Cracoviensia  
53B: 120. TL: Peru (Dept. Pasco, Oxapampa,  
El Cedro, Yanachaga-Chemillén N.P.).  
Holotype: ♂ (Zoological Museum,  
Jagiellonian University).

#### Ayuzua

**Ayuzua** Razowski & Becker, 2010; Polskie  
Pismo Entomologiczne 80: 53. Type species:  
*Ayuzua hyeroglyphica* Razowski & Becker,  
2010. [Tortricinae: Euliini]

**hyeroglyphica** Razowski & Becker, 2010  
(*Ayuzua*); Polskie Pismo Entomologiczne 80:  
59. TL: Ecuador (Azuay, Cajas). Holotype: ♂  
(Becker Collection).

#### Bactra

**goiasia** Razowski & Becker, 2010 (*Bactra*);  
Polskie Pismo Entomologiczne 79: 188. TL:  
Brazil (Goais, Alto Paraíso). Holotype: ♂  
(Becker Collection).

#### Bidorpita

**arbitralis** Razowski & Wojtusiak, 2010  
(*Bidorpita*); Acta Zoologica Cracoviensia  
53B: 89. TL: Peru (Dept. Pasco, Oxapampa,  
El Cedro, Yanachaga-Chemillén N.P.).  
Holotype: ♀ (Zoological Museum,  
Jagiellonian University).

#### Brusqueulia

**atrocentra** Razowski & Becker, 2010  
(*Brusqueulia*); Polskie Pismo Entomologiczne

80: 74. TL: Brazil (Minas Gerais, Caraca).  
Holotype: ♂ (Becker Collection).

**atrograpta** Razowski & Becker, 2010  
(*Brusqueulia*); Polskie Pismo Entomologiczne  
80: 69. TL: Brazil (Minas Gerais, Caraca).  
Holotype: ♂ (Becker Collection).

**baeza** Razowski & Becker, 2010  
(*Brusqueulia*); Polskie Pismo Entomologiczne  
80: 71. TL: Ecuador (Napo, Baeza).  
Holotype: ♂ (Becker Collection).

**bonita** Razowski & Becker, 2010  
(*Brusqueulia*); Polskie Pismo Entomologiczne  
80: 68. TL: Brazil (Bahia, Bonito). Holotype:  
♂ (Becker Collection).

**caracagena** Razowski & Becker, 2010  
(*Brusqueulia*); Polskie Pismo Entomologiczne  
80: 70. TL: Brazil (Minas Gerais, Caraca).  
Holotype: ♂ (Becker Collection).

**ceriphora** Razowski & Becker, 2010  
(*Brusqueulia*); Polskie Pismo Entomologiczne  
80: 64. TL: Brazil (Rio de Janeiro, Nova  
Friburgo). Holotype: ♂ (Becker Collection).

**costispina** Razowski & Becker, 2010  
(*Brusqueulia*); Polskie Pismo Entomologiczne  
80: 65. TL: Brazil (Espírito Santo, Linhares).  
Holotype: ♂ (Becker Collection).

**guaramiranga** Razowski & Becker, 2010  
(*Brusqueulia*); Polskie Pismo Entomologiczne  
80: 63. TL: Brazil (Ceara, Guaramiranga).  
Holotype: ♂ (Becker Collection).

**jacupiranga** Razowski & Becker, 2010  
(*Brusqueulia*); Polskie Pismo Entomologiczne  
80: 74. TL: Brazil (São Paulo, Jacupiranga).  
Holotype: ♂ (Becker Collection).

**monoloba** Razowski & Becker, 2010  
(*Brusqueulia*); Polskie Pismo Entomologiczne  
80: 72. TL: Brazil (Minas Gerais, Camaca).  
Holotype: ♂ (Becker Collection).

**tineimorpha** Razowski & Becker, 2010  
(*Brusqueulia*); Polskie Pismo Entomologiczne  
80: 69. TL: Brazil (Distrito Federal,  
Planaltina). Holotype: ♂ (Becker Collection).

**uncicera** Razowski & Becker, 2010  
(*Brusqueulia*); Polskie Pismo Entomologiczne  
80: 65. TL: Brazil (Minas Gerais, Caraca).  
Holotype: ♂ (Becker Collection).

#### Bubonoxena

**alatheta** Razowski & Trematerra, 2010  
(*Bubonoxena*); Journal of Entomological and  
Acarological Research (Ser. II) 42: 59. TL:  
Ethiopia (Bale Mountains, Harenna Forest,  
Karcha Camp). Holotype: ♂ (Trematerra  
Collection).

#### Cerace

**tonkinana** Heppner, 2010 (*Cerace*);  
Lepidoptera Novae 3: 182. TL: Vietnam (Ha  
Toy Province, Ba Vi National Park).  
Holotype: ♂ (FSCA).

#### Ceratoxanthis

**saratovica** Trematerra, 2010 (*Ceratoxanthis*);  
Journal of Entomological and Acarological  
Research (Ser. II) 42: 20. TL: Russia (Saratov  
env.). Holotype: ♂ (Vilnius University,  
Lithuania).

#### Chileulia

**yermalocae** Razowski & Pelz, 2010  
(*Chileulia*); SHILAP Revista de  
Lepidopterologia 38: 20. TL: Chile (Santiago,  
30 km E Santiago, R.N. Yerba Loca).  
Holotype: ♂ (SMFG).

#### Choristoneura

**palladinoi** Razowski & Trematerra, 2010  
(*Choristoneura*); Journal of Entomological  
and Acarological Research (Ser. II) 42: 53.



TL: Ethiopia (Bale Mountains, Harena Forest). Holotype: ♂ (Trematerra Collection).

#### Claduncaria

**maestrana** Razowski & Becker, 2010 (*Claduncaria*); Acta Zoologica Cracoviensia 53B: 11. TL: Cuba (Santiago, Sierra Maestra). Holotype: ♂ (Becker Collection).

#### Clarkeulia

**hamata** Razowski & Wojtusiak, 2010 (*Clarkeulia*); Acta Zoologica Cracoviensia 53B: 99. TL: Peru (Prov. Amazonas, Molinopampa-Granada). Holotype: ♂ (Zoological Museum, Jagiellonian University).

#### Clepsis

**bertiogana** Razowski & Becker, 2010 (*Clepsis*); Acta Zoologica Cracoviensia 53B: 20. TL: Brazil (São Paulo, Bertioaga). Holotype: ♂ (Becker Collection).

**brunneotona** Razowski & Becker, 2010 (*Clepsis*); Acta Zoologica Cracoviensia 53B: 19. TL: Brazil (Santa Catarina, Bom Jardim da Serra). Holotype: ♂ (Becker Collection).

**diversa** Razowski & Becker, 2010 (*Clepsis*); Acta Zoologica Cracoviensia 53B: 21. TL: Mexico (Nuevo León, Cerro Potosí). Holotype: ♂ (Becker Collection).

**griseotona** Razowski & Becker, 2010 (*Clepsis*); Acta Zoologica Cracoviensia 53B: 19. TL: Brazil (Santa Catarina, Bom Jardim da Serra). Holotype: ♂ (Becker Collection).

**jordaoi** Razowski & Becker, 2010 (*Clepsis*); Acta Zoologica Cracoviensia 53B: 18. TL: Brazil (São Paulo, Campos do Jordão). Holotype: ♀ (Becker Collection).

**labisclera** Razowski & Becker, 2010; Acta Zoologica Cracoviensia 53B: 20. TL: Cuba (Santiago, Sierra Maestra). Holotype: ♂ (Becker Collection).

**longilabis** Razowski & Becker, 2010 (*Clepsis*); Acta Zoologica Cracoviensia 53B: 18. TL: Brazil (São Paulo, Bertioaga). Holotype: ♂ (Becker Collection).

**microceria** Razowski & Wojtusiak, 2010 (*Clepsis*); Acta Zoologica Cracoviensia 53B: 119. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

**paralaxa** Razowski & Becker, 2010 (*Clepsis*); Acta Zoologica Cracoviensia 53B: 21. TL: Mexico (Distrito Federal, Mexico). Holotype: ♂ (Becker Collection).

**pinaria** Razowski & Becker, 2010 (*Clepsis*); Acta Zoologica Cracoviensia 53B: 22. TL: Cuba (Pinar del Río, Sierra Rosario). Holotype: ♂ (Becker Collection).

**trifasciata** Trematerra, 2010 (*Clepsis*); Journal of Entomological and Acarological Research (Ser. II) 42: 6. TL: Kirgizstan (S Issik-Kul L., Kadzhi-Sai v.). Holotype: ♂ (collection of Sergei Churkin, Moscow, Russia? Not given).

#### Coccothera

**carolae** Razowski & Trematerra, 2010 (*Coccothera*); Journal of Entomological and Acarological Research (Ser. II) 42: 62. TL: Ethiopia (Bale Mountains, Harena Forest). Holotype: ♀ (Trematerra Collection).

**triorbis** Razowski & Trematerra, 2010 (*Coccothera*); Journal of Entomological and Acarological Research (Ser. II) 42: 61. TL: Ethiopia (Bale Mountains, Harena Forest). Holotype: ♂ (Trematerra Collection).



Cochylimorpha

***africana*** Aarvik, 2010 (*Cochylimorpha*); Norwegian Journal of Entomology 57: 85. TL: Tanzania (Iringa Reg., Mufindi Distr., Kigogo Forest). Holotype: ♂ (NHMO).

Coniostola

***separata*** Razowski & Trematerra, 2010 (*Coniostola*); Journal of Entomological and Acarological Research (Ser. II) 42: 63. TL: Ethiopia (Bale Mountains, Harena Forest, Karcha Camp). Holotype: ♂ (Trematerra Collection).

Crotalaria

***albapex*** Razowski & Trematerra, 2010 (*Crotalaria*); Journal of Entomological and Acarological Research (Ser. II) 42: 56. TL: Ethiopia (Bale Mountains, Harena Forest). Holotype: ♂ (Trematerra Collection).

Cryptaspassma

***montana*** Razowski & Becker, 2010 (*Cryptaspassma*); Polskie Pismo Entomologiczne 80: 50. TL: Costa Rica (Cerro de la Muerte). Holotype: ♂ (Becker Collection).

Cuproxena

***platuncus*** Razowski & Wojtusiak, 2010 (*Cuproxena*); Acta Zoologica Cracoviensia 53B: 89. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

Cydia

***dinshoi*** Razowski & Trematerra, 2010 (*Cydia*); Journal of Entomological and Acarological Research (Ser. II) 42: 64. TL:

Ethiopia (Bale Mountains, Dinsho Lodge). Holotype: ♂ (Trematerra Collection).

***lathetica*** Razowski & Trematerra, 2010 (*Cydia*); Journal of Entomological and Acarological Research (Ser. II) 42: 64. TL: Ethiopia (Bale Mountains, Dinsho Lodge). Holotype: ♂ (Trematerra Collection).

***tythaspis*** Razowski & Trematerra, 2010 (*Cydia*); Journal of Entomological and Acarological Research (Ser. II) 42: 63. TL: Ethiopia (Bale Mountains, Dinsho Lodge). Holotype: ♂ (Trematerra Collection).

Deltophalonia

***huanuci*** Razowski & Wojtusiak, 2010 (*Deltophalonia*); Acta Zoologica Cracoviensia 53B: 79. TL: Peru (Dept. Huanuco, via Huanuco–Tingo María, Carpish). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***sucuma*** Razowski & Becker, 2010 (*Deltophalonia*); Polskie Pismo Entomologiczne 79: 445. TL: Ecuador (Sucum, Santa Barbara). Holotype: ♂ (Becker Collection).

Diceratura

***complicana*** Aarvik, 2010 (*Diceratura*); Norwegian Journal of Entomology 57: 104. TL: Uganda (S) (Rakai Distr., Sango Bay, Malamigambo Forest). Holotype: ♂ (NHMO).

Dichrorampha

***ochromosaica*** Razowski & Wojtusiak, 2010 (*Dichrorampha*); Acta Zoologica Cracoviensia 53B: 128. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

Eccopsis

***brunneopostica*** Razowski & Trematerra, 2010 (*Eccopsis*); Journal of Entomological and Acarological Research (Ser. II) 42: 57. TL: Ethiopia (Bale Mountains, Harenna Forest, Karcha Camp). Holotype: ♂ (Trematerra Collection).

***subincana*** Razowski & Trematerra, 2010 (*Eccopsis*); Journal of Entomological and Acarological Research (Ser. II) 42: 57. TL: Ethiopia (Bale Mountains, Harenna Forest). Holotype: ♀ (Trematerra Collection).

Endothenia

***ethiopica*** Razowski & Trematerra, 2010 (*Endothenia*); Journal of Entomological and Acarological Research (Ser. II) 42: 55. TL: Ethiopia (Bale Mountains, Harenna Forest, Karcha Camp). Holotype: ♂ (Trematerra Collection).

***tuxtlasia*** Razowski & Becker, 2010 (*Endothenia*); Polskie Pismo Entomologiczne 79: 192. TL: Mexico (Veracruz, Estación de Biología Los Tuxtlas). Holotype: ♂ (Becker Collection).

Epinotia

***albocephalaeis*** Razowski & Wojtusiak, 2010 (*Epinotia*); Acta Zoologica Cracoviensia 53B: 124. TL: Peru (Dept. Huanuco, via Huanuco-Tingo María, Carpish). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***anepenthes*** Razowski & Trematerra, 2010 (*Epinotia*); Journal of Entomological and Acarological Research (Ser. II) 42: TL: 60. Ethiopia (Bale Mountains, Harenna Forest, Karcha Camp). Holotype: ♂ (Trematerra Collection).

***latiloba*** Razowski & Trematerra, 2010 (*Epinotia*); Journal of Entomological and Acarological Research (Ser. II) 42: 60. TL: Ethiopia (Bale Mountains, Harenna Forest, Karcha Camp). Holotype: ♂ (Trematerra Collection).

***marcapatae*** Razowski & Wojtusiak, 2010 (*Epinotia*); Acta Zoologica Cracoviensia 53B: 125. TL: Peru (Prov. Cusco, Cordillera Vilcanota, Marcapata). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***mediostria*** Razowski & Wojtusiak, 2010 (*Epinotia*); Acta Zoologica Cracoviensia 53B: 126. TL: Peru (Dept. Huanuco, via Huanuco-Tingo María, Carpish). Holotype: ♀ (Zoological Museum, Jagiellonian University).

***nigrovenata*** Razowski & Pelz, 2010 (*Epinotia*); SHILAP Revista de Lepidopterologia 38: 24. TL: Chile (Maule, Cauquenes Province, R.N. Fred. Albert). Holotype: ♀ (SMFG).

Ernocornutia

***alpha*** Razowski & Wojtusiak, 2010 (*Ernocornutia*); Acta Zool. Cracov. 53B: 91. TL: Peru (Prov. Cusco, Cordillera Vilcanota, Marcapata). Holotype: ♀ (Zoological Museum, Jagiellonian University).

***altovolans*** Razowski & Wojtusiak, 2010 (*Ernocornutia*); Acta Zool. Cracov. 53B: 90. TL: Peru (Prov. Cusco, Cordillera Vilcanota, Marcapata). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***basisignata*** Razowski & Wojtusiak, 2010 (*Ernocornutia*); Acta Zoologica Cracoviensia 53B: 91. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♀ (Zoological Museum, Jagiellonian University).

***beta*** Razowski & Wojtusiak, 2010 (*Ernocornutia*); Acta Zoologica Cracoviensia 53B: 91. TL: Peru (Prov. Amazonas, Molinopampa-Granada). Holotype: ♀ (Zoological Museum, Jagiellonian University).

***lamna*** Razowski & Wojtusiak, 2010 (*Ernocornutia*); Acta Zoologica Cracoviensia 53B: 90. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

#### Eugnosta

***marginana*** Aarvik, 2010 (*Eugnosta*); Norwegian Journal of Entomology 57: 90. TL: Uganda (SW) (Kabale Distr., Ruhija). Holotype: ♂ (NHMO).

***unifasciana*** Aarvik, 2010 (*Eugnosta*); Norwegian Journal of Entomology 57: 88. TL: Tanzania (Morogoro Distr., Kitulangalo For. Res.). Holotype: ♂ (NHMO).

#### Eumarozia

***hermosa*** Heppner, 2010 (*Eumarozia*); Lepidoptera Novae 3: 228. TL: Peru (Dept. Junín, Pampa Hermosa Lodge, near San Ramon). Holotype: ♂ (FSCA).

#### Exoletuncus

***unguiculus*** Razowski & Wojtusiak, 2010 (*Exoletuncus*); Acta Zoologica Cracoviensia 53B: 103. TL: Peru (Dept. Pasco, P.N. Yanachaga Chemillén, Refugio El Cedro). Holotype: ♂ (Zoological Museum, Jagiellonian University).

#### Falseuncaria

***aberdarensis*** Aarvik, 2010 (*Falseuncaria*); Norwegian Journal of Entomology 57: 106.

TL: Kenya (Central [Province], Aberdare C. Club). Holotype: ♂ (BMNH).

#### Galomecalpa

***tingomaria*** Razowski & Wojtusiak, 2010 (*Galomecalpa*); Acta Zoologica Cracoviensia 53B: 92. TL: Peru (Dept. Huanuco, via Huanuco–Tingo María, Carpish). Holotype: ♂ (Zoological Museum, Jagiellonian University).

#### Gauruncus

***molinopampae*** Razowski & Wojtusiak, 2010 (*Gauruncus*); Acta Zoologica Cracoviensia 53B: 92. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

#### Gnathocolumna

***Gnathocolumna*** Razowski & Wojtusiak, 2010 (*Xapamopa*); Acta Zoologica Cracoviensia 53B: 82. Type species: *Gnathocolumna asymmetra* Razowski & Wojtusiak, 2010. [Tortricinae: Euliini]

***asymmetra*** Razowski & Wojtusiak, 2010 (*Gnathocolumna*); Acta Zoologica Cracoviensia 53B: 82. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

#### Grapholita

***insperata*** Razowski & Trematerra, 2010 (*Grapholita*); Journal of Entomological and Acarological Research (Ser. II) 42: 64 TL: Ethiopia (Oromia Region, S.W. Shewa Zone, Wenchi Crater Lake). Holotype: ♂ (Trematerra Collection).

Gravicornutia

***altoperuviana*** Razowski & Wojtusiak, 2010  
(*Gravicornutia*); Acta Zoologica  
Cracoviensia 53B: 80. TL: Peru (Dept. Pasco,  
Oxapampa, El Cedro, Yanachaga-Chemillén  
N.P.). Holotype: ♂ (Zoological Museum,  
Jagiellonian University).

***basiceramea*** Razowski & Becker, 2010  
(*Gravicornutia*); Polskie Pismo  
Entomologiczne 79: 422. TL: Brazil (Bahia).  
Holotype: ♂ (Becker Collection).

***bertioga*** Razowski & Becker, 2010  
(*Gravicornutia*); Polskie Pismo  
Entomologiczne 79: 421. TL: Brazil (São  
Paulo, Bertiooga). Holotype: ♂ (Becker  
Collection).

***camacae*** Razowski & Becker, 2010  
(*Gravicornutia*); Polskie Pismo  
Entomologiczne 79: 417. TL: Brazil (Bahia,  
Camaca). Holotype: ♀ (Becker Collection).

***caracae*** Razowski & Becker, 2010  
(*Gravicornutia*); Polskie Pismo  
Entomologiczne 79: 419. TL: Brazil (Minas  
Gerais, Caraca). Holotype: ♂ (Becker  
Collection).

***cearae*** Razowski & Becker, 2010  
(*Gravicornutia*); Polskie Pismo  
Entomologiczne 79: 423 TL: Brazil (Ceara,  
Guaramiranga). Holotype: ♀ (Becker  
Collection).

***constricta*** Razowski & Becker, 2010  
(*Gravicornutia*); Polskie Pismo  
Entomologiczne 79: 423. TL: Brazil (Minas  
Gerais, Caraca). Holotype: ♂ (Becker  
Collection).

***latiloba*** Razowski & Becker, 2010  
(*Gravicornutia*); Polskie Pismo  
Entomologiczne 79: 414. TL: Brazil (Motto

Grosso, Chapada Guimaraes). Holotype: ♀  
(Becker Collection).

***minima*** Razowski & Becker, 2010  
(*Gravicornutia*); Polskie Pismo  
Entomologiczne 79: 421. TL: Brazil (no data  
given). Holotype: ♂ (Becker Collection).

***nasifera*** Razowski & Becker, 2010  
(*Gravicornutia*); Polskie Pismo  
Entomologiczne 79: 415. TL: Brazil (Santa  
Catarina, São Joaquim). Holotype: ♂ (Becker  
Collection).

***recta*** Razowski & Becker, 2010  
(*Gravicornutia*); Polskie Pismo  
Entomologiczne 79: 416. TL: Brazil (Santa  
Catarina, Luaro Mueller). Holotype: ♀  
(Becker Collection).

***rhomboidea*** Razowski & Becker, 2010  
(*Gravicornutia*); Polskie Pismo  
Entomologiczne 79: 418. TL: Brazil (São  
Paulo, Campos do Jordão). Holotype: ♂  
(Becker Collection).

***sodalicia*** Razowski & Becker, 2010  
(*Gravicornutia*); Polskie Pismo  
Entomologiczne 79: 414. TL: Brazil (Bahia,  
Camaca). Holotype: ♀ (Becker Collection).

***strigulata*** Razowski & Becker, 2010  
(*Gravicornutia*); Polskie Pismo  
Entomologiczne 79: 418. TL: Brazil (Rio de  
Janeiro, Itatiaya). Holotype: ♂ (Becker  
Collection).

Gymnandrosoma

***junina*** Razowski & Wojtusiak, 2010  
(*Gymnandrosoma*); Acta Zoologica  
Cracoviensia 53B: 127. TL: Peru (Prov.  
Junin, Chanchamayo, San Ramón, Pampa  
Hermosa). Holotype: ♂ (Zoological Museum,  
Jagiellonian University).

Haemateulia

**placens** Razowski & Pelz, 2010 (*Haemateulia*); SHILAP Revista de Lepidopterologia 38: 13. TL: Chile (Valparaiso, Quillota Province, 8 km E Olmu, P.N. la Campana). Holotype: ♀ (SMFG).

Henricus

**parotanus** Razowski & Becker, 2010 (*Henricus*); Polskie Pismo Entomologiczne 79: 435. TL: Mexico (Veracruz, Cofre de Parote). Holotype: ♂ (Becker Collection).

**tingomariae** Razowski & Wojtusiak, 2010 (*Henricus*); Acta Zoologica Cracoviensia 53B: 76. TL: Peru (Dept. Huanuco, via Huanuco–Tingo María, Carpish). Holotype: ♂ (Zoological Museum, Jagiellonian University).

Histura

**perseavora** Brown, 2010 (*Histura*); in Brown & Hoddle, Proceedings of the Entomological Society of Washington 112: 14. TL: Guatemala (Sololá Province, San Lucas Toliman, near Santiago Atitlan). Holotype: ♂ (USNM).

Hynhamia

**albicorpus** Razowski & Becker, 2010 (*Hynhamia*); Polskie Pismo Entomologiczne 80: 55. TL: Brazil (São Paulo, Jacupiranga). Holotype: ♂ (Becker Collection).

**bahiana** Razowski & Becker, 2010 (*Hynhamia*); Polskie Pismo Entomologiczne 80: 56. TL: Brazil (Bahia, Camaca). Holotype: ♂ (Becker Collection).

**diversa** Razowski & Becker, 2010 (*Hynhamia*); Polskie Pismo Entomologiczne 80: 56. TL: Ecuador (Carchi, Maldonado). Holotype: ♂ (Becker Collection).

**patatea** Razowski & Becker, 2010 (*Hynhamia*); Polskie Pismo Entomologiczne 80: 58. TL: Ecuador (Tungurahua Province, Patate). Holotype: ♂ (Becker Collection).

Ibateguara

**Ibateguara** Razowski & Becker, 2010; Polskie Pismo Entomologiczne 80: 76. Type species: *Ibateguara spinosissima* Razowski & Becker, 2010. [Tortricinae: Euliini]

**spinosissima** Razowski & Becker, 2010 (*Ibateguara*); Polskie Pismo Entomologiczne 80: 81. TL: Brazil (Alagoas, Ibateguara). Holotype: ♂ (Becker Collection).

Inape

**arcuata** Razowski & Wojtusiak, 2010 (*Inape*); Acta Zoologica Cracoviensia 53B: 93. TL: Peru (Prov. Amazonas, Molinopampa-Granada). Holotype: ♂ (Zoological Museum, Jagiellonian University).

**intermedia** Razowski & Wojtusiak, 2010 (*Inape*); Acta Zoologica Cracoviensia 53B: 94. TL: Peru (Dept. Huanuco, via Huanuco–Tingo María, Carpish). Holotype: ♂ (Zoological Museum, Jagiellonian University).

**saetiphora** Razowski & Wojtusiak, 2010 (*Inape*); Acta Zoologica Cracoviensia 53B: 95. TL: Peru (Prov. Cusco, Cordillera Vilcanota, Marcapata). Holotype: ♂ (Zoological Museum, Jagiellonian University).

Limeulia

**cimoliochroa** Razowski & Becker, 2010 (*Limeulia*); Polskie Pismo Entomologiczne 80: 75. TL: Brazil (Minas Gerais, Nova Lima). Holotype: ♂ (Becker Collection).

Lozotaenia

**karchana** Razowski & Trematerra, 2010 (*Lozotaenia*); Journal of Entomological and Acarological Research (Ser. II) 42: 53. TL: Ethiopia (Bale Mountains, Haremma Forest, Karcha Camp). Holotype: ♂ (Trematerra Collection).

**sciarrettae** Razowski & Trematerra, 2010 (*Lozotaenia*); Journal of Entomological and Acarological Research (Ser. II) 42: 54. TL: Ethiopia (Bale Mountains, Haremma Forest, Karcha Camp). Holotype: ♂ (Trematerra Collection).

Lypothora

**roseochraon** Razowski & Wojtusiak, 2010 (*Lypothora*); Genus 21: 597. TL: Ecuador (Napo Prov., Yanayacu Biological Station). Holotype: ♀ (USNM).

Macasinia

**anterofasciana** Razowski & Becker, 2010 (*Macasinia*); Polskie Pismo Entomologiczne 79: 440. TL: Brazil (Minas Gerais, Caraca). Holotype: ♂ (Becker Collection).

Megalota

**lygaria** Razowski & Trematerra, 2010 (*Megalota*); Journal of Entomological and Acarological Research (Ser. II) 42: 58. TL: Ethiopia (Bale Mountains, Haremma Forest). Holotype: ♀ (Trematerra Collection).

Mictopsichia

**janeae** Razowski & Pelz, 2010 (*Mictopsichia*); Polskie Pismo Entomologiczne 79: 320. TL: Ecuador (Pichincha Prov., 7 km SW Tandayapa, Bellavista Research Station). Holotype: ♂ (Senckenberg Museum, Frankfurt/Main, Germany).

**rivadeneirai** Razowski & Pelz, 2010 (*Mictopsichia*); Polskie Pismo Entomologiczne 79: 322. TL: Ecuador (Morona-Santiago Prov., Jempeket, Loma de Shaimi). Holotype: ♂ (Senckenberg Museum, Frankfurt/Main, Germany).

**shuara** Razowski & Pelz, 2010 (*Mictopsichia*); Polskie Pismo Entomologiczne 79: 323. TL: Ecuador (Morona-Santiago Prov., Macas, Proaño > Alshi, 5 km SO Alshi). Holotype: ♂ (Senckenberg Museum, Frankfurt/Main, Germany).

**torresi** Razowski & Pelz, 2010 (*Mictopsichia*); Polskie Pismo Entomologiczne 79: 321. TL: Ecuador (Pichincha Province, 7 km NW Mindo, Sachatamia). Holotype: ♀ (Senckenberg Museum, Frankfurt/Main, Germany).

Multiquestia

**aequivoca** Razowski & Trematerra, 2010 (*Multiquestia*); Journal of Entomological and Acarological Research (Ser. II) 42: 62. TL: Ethiopia (Bale Mountains, Haremma Forest). Holotype: ♀ (Trematerra Collection).

Netechma

**anterofascia** Razowski & Wojtusiak, 2010 (*Netechma*); Acta Zoologica Cracoviensia 53B: 105. TL: Peru (Dept. Huanuco, via Huanuco-Tingo María, Carpish). Holotype: ♀ (Zoological Museum, Jagiellonian University).

**brevidagus** Razowski & Wojtusiak, 2010 (*Netechma*); Acta Zoologica Cracoviensia 53B: 108. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***gilvoniveana*** Razowski & Wojtusiak, 2010 (*Netechma*); Acta Zoologica Cracoviensia 53B: 107. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***parindanzana*** Razowski & Wojtusiak, 2010 (*Netechma*); Acta Zoologica Cracoviensia 53B: 108. TL: Peru (Dept. Pasco, P.N. Yanachaga Chemillén, Refugio El Cedro). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***pecuniosa*** Razowski & Wojtusiak, 2010 (*Netechma*); Acta Zoologica Cracoviensia 53B: 109. TL: Peru (Dept. Huanuco, via Huanuco–Tingo María, Carpish). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***quatropuncta*** Razowski & Wojtusiak, 2010 (*Netechma*); Acta Zoologica Cracoviensia 53B: 106. TL: Peru (Prov. Amazonas, Molinopampa-Granada). Holotype: ♀ (Zoological Museum, Jagiellonian University).

***saccata*** Razowski & Wojtusiak, 2010 (*Netechma*); Acta Zoologica Cracoviensia 53B: 107. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♀ (Zoological Museum, Jagiellonian University).

***zemiotes*** Razowski & Wojtusiak, 2010 (*Netechma*); Acta Zoologica Cracoviensia 53B: 106. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

#### Olethreutes

***tepkhara*** Nedoshivina & Budashkin, 2010 (*Olethreutes*); Euroasian Entomological

Journal 9: 97. TL: Russia (Altai Territory, outskirts of Aktash). Holotype: ♂ (ZISP).

#### Omiostola

***paradelta*** Razowski & Wojtusiak, 2010 (*Omiostola*); Acta Zoologica Cracoviensia 53B: 121. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***albidobrunnea*** Razowski & Wojtusiak, 2010 (*Omiostola*); Acta Zoologica Cracoviensia 53B: 122. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

#### Orthocomotis

***oxapampae*** Razowski & Wojtusiak, 2010 (*Orthocomotis*); Acta Zoologica Cracoviensia 53B: 102. TL: Peru (Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***parandina*** Razowski & Wojtusiak, 2010 (*Orthocomotis*); Genus 21: 588. TL: Ecuador (Napo Prov., Yanayacu Biological Station). Holotype: ♂ (USNM).

#### Paranthozela

***kosnipata*** Heppner, 2010 (*Paranthozela*); Lepidoptera Novae 3: 61. TL: Peru (Dept. Cusco, San Pedro, Kosñipata). Holotype: ♂ (FSCA).

#### Phalonidia

***baccatana*** Razowski & Wojtusiak, 2010 (*Phalonidia*); Acta Zoologica Cracoviensia 53B: 77. TL: Peru (Dept. Huanuco, via Huanuco–Tingo María, Carpish). Holotype: ♂



(Zoological Museum, Jagiellonian University).

**geraisana** Razowski & Becker, 2010 (*Phalonidia*); Polskie Pismo Entomologiczne 79: 436. TL: Brazil (Minas Gerais, Serra do Cipó). Holotype: ♂ (Becker Collection).

**monospina** Razowski & Becker, 2010 (*Phalonidia*); Polskie Pismo Entomologiczne 79: 438. TL: Ecuador (Morona-Santiago, Indanza). Holotype: ♂ (Becker Collection).

**moronaephila** Razowski & Becker, 2010 (*Phalonidia*); Polskie Pismo Entomologiczne 79: 439. TL: Ecuador (Morona-Santiago, Indanza). Holotype: ♂ (Becker Collection).

**multispinea** Razowski & Becker, 2010 (*Phalonidia*); Polskie Pismo Entomologiczne 79: 437. TL: Ecuador (Pastaza, Mera). Holotype: ♂ (Becker Collection).

**olivogrisea** Razowski & Wojtusiak, 2010 (*Phalonidia*); Acta Zoologica Cracoviensia 53B: 77. TL: Peru (Dept. Huanuco, via Huanuco–Tingo María, Carpish). Holotype: ♀ (Zoological Museum, Jagiellonian University).

**purpurascens** Razowski & Becker, 2010 (*Phalonidia*); Polskie Pismo Entomologiczne 79: 438. TL: Ecuador (Morona-Santiago, Indanza). Holotype: ♂ (Becker Collection).

**tornomaculana** Razowski & Becker, 2010 (*Phalonidia*); Polskie Pismo Entomologiczne 79: 435. TL: Ecuador (Loja, Loja). Holotype: ♂ (Becker Collection).

#### Phaneta

**arenana** Wright, 2010 (*Phaneta*); Journal of the Lepidopterists' Society 64: 120. TL: USA (Utah, Emery Co., Goblin Valley Rd.). Holotype: ♂ (USNM).

**babaiata** Wright, 2010 (*Phaneta*); Journal of the Lepidopterists' Society 64: 121. TL: USA (Texas, Cottle Co., Paducah). Holotype: ♂ (USNM).

**baloghi** Wright, 2010 (*Phaneta*); Journal of the Lepidopterists' Society 64: 135. TL: USA (New Mexico, Otero Co., vic. Holloman Lakes). Holotype: ♂ (USNM).

**browni** Wright, 2010 (*Phaneta*); Journal of the Lepidopterists' Society 64: 119. TL: USA (Colorado, Chaffee Co., 4 mi N Buena Vista, Co. Rd. 375). Holotype: ♂ (USNM).

**cibolana** Wright, 2010 (*Phaneta*); Journal of the Lepidopterists' Society 64: 125. TL: USA (New Mexico, Cibola Co., Cibola Nat. For., Lobo Canyon Picnic Area). Holotype: ♂ (USNM).

**clementeana** Wright, 2010 (*Phaneta*); Journal of the Lepidopterists' Society 64: 135. TL: USA (California, Los Angeles Co., San Clemente Island, Wilson Cove). Holotype: ♂ (EME).

**hodgesi** Wright & Gilligan, 2010 (*Phaneta*); Journal of the Lepidopterists' Society 64: 107. TL: USA (Colorado, Alamosa Co., Zapata ranch). Holotype: ♂ (USNM).

**goblinana** Wright, 2010 (*Phaneta*); Journal of the Lepidopterists' Society 64: 124. TL: USA (Utah, Emery Co., Rt. 24 & Goblin Valley Rd.). Holotype: ♂ (USNM).

**parvula** Wright, 2010 (*Phaneta*); Journal of the Lepidopterists' Society 64: 128. TL: USA (Idaho, Oneida Co., Curlew National Grassland, T14S, R32E, Sec 30). Holotype: ♂ (USNM).

**viridis** Wright & Gilligan, 2010 (*Phaneta*); J. Lepid. Soc. 64: 103. TL: USA (Arizona, Coconino Co., Hart Prairie, 10 mi NNW Flagstaff). Holotype: ♂ (USNM).

**vogelana** Wright, 2010 (*Phaneta*); J. Lepid. Soc. 64: 137. TL: USA (Colorado, Otero Co., Vogel Canyon Picnic Area, 15 mi S La Junta). Holotype: ♂ (USNM).

#### Phtheochroa

**kenyana** Aarvik, 2010 (*Phtheochroa*); Norwegian Journal of Entomology 57: 83. TL: Kenya (Rift Valley Prov., Turi). Holotype: ♂ (BMNH).

**lonnvei** Aarvik, 2010 (*Phtheochroa*); Norwegian Journal of Entomology 57: 82. TL: Ethiopia (Oromia Reg., Bale zone, 43 km SW Goba, Bale Mts. Nat. Park, Darwin Camp). Holotype: ♂ (NHMO).

#### Plutographa

**xanthala** Razowski & Trematerra, 2010 (*Plutographa*); Journal of Entomological and Acarological Research (Ser. II) 42: 59. TL: Ethiopia (Bale Mountains, Dinsho Lodge). Holotype: ♂ (Trematerra Collection).

#### Procrica

**dinshona** Razowski & Trematerra, 2010 (*Procrica*); Journal of Entomological and Acarological Research (Ser. II) 42: 52. TL: Ethiopia (Bale Mountains, Dinsho Lodge). Holotype: ♂ (Trematerra Collection).

**parisii** Razowski & Trematerra, 2010 (*Procrica*); Journal of Entomological and Acarological Research (Ser. II) 42: 52. TL: Ethiopia (Bale Mountains, Dinsho Lodge). Holotype: ♂ (Trematerra Collection).

#### Proeulia

**chancoanma** Razowski & Pelz, 2010 (*Proeulia*); SHILAP Revista de Lepidopterologia 38: 21. TL: Chile (Maule, Cauquenes Province, 15 km N Chanco, R.N. Reloca). Holotype: ♀ (SMFG).

**domeykoi** Razowski & Pelz, 2010 (*Proeulia*); SHILAP Revista de Lepidopterologia 38: 14. TL: Chile (Limari Province, P.N. Fray Jorge, Coquimbo, campsite). Holotype: ♀ (SMFG).

**gielisi** Razowski & Pelz, 2010 (*Proeulia*); SHILAP Revista de Lepidopterologia 38: 13. TL: Chile (Santiago, 30 km E Santiago, R.N. Yerba Loca). Holotype: ♀ (SMFG).

**limaria** Razowski & Pelz, 2010 (*Proeulia*); SHILAP Revista de Lepidopterologia 38: 18. TL: Chile (Coquimbo, Limari Province, 30 km NE Combarbala). Holotype: ♂ (SMFG).

**longula** Razowski & Pelz, 2010 (*Proeulia*); SHILAP Revista de Lepidopterologia 38: 20. TL: Chile (Bio-Bio, Nuble Province, 2 km N Las Trancas, 70 km E Chillan). Holotype: ♂ (SMFG).

**macrobasana** Razowski & Pelz, 2010 (*Proeulia*); SHILAP Revista de Lepidopterologia 38: 19. TL: Chile (Araucania, Malleco Province, 35 km W Angol, P.N. Nahuelbuta, Coimallin Camp). Holotype: ♂ (SMFG).

**mauleana** Razowski & Pelz, 2010 (*Proeulia*); SHILAP Revista de Lepidopterologia 38: 17. TL: Chile (Maule, Talca Province, 65 km E Talca, R.N. Altos del Lircay). Holotype: ♀ (SMFG).

**paronerata** Razowski & Pelz, 2010 (*Proeulia*); SHILAP Revista de Lepidopterologia 38: 17. TL: Chile (Valparaiso, Quillota Province, 6 km S Olmu, P.N. La Campana). Holotype: ♂ (SMFG).

**rucapillana** Razowski & Pelz, 2010 (*Proeulia*); SHILAP Revista de Lepidopterologia 38: 14. TL: Chile (Araucania, Cautín Province, P.N. Villarica, Sctr. Rucapillan). Holotype: ♂ (SMFG).

***schouteni*** Razowski & Pelz, 2010 (*Proeulia*); SHILAP Revista de Lepidopterologia 38: 20. TL: Chile (Maule, Curico Province, 60 km SE Molina, R. N. Radal Siete Tazas). Holotype: ♂ (SMFG).

***sublentescens*** Razowski & Pelz, 2010 (*Proeulia*); SHILAP Revista de Lepidopterologia 38: 16. TL: Chile (Araucania, Malleco Province, 22 km W Lonquimay). Holotype: ♂ (SMFG).

***talcana*** Razowski & Pelz, 2010 (*Proeulia*); SHILAP Revista de Lepidopterologia 38: 18. TL: Chile (Maule, Talca Province, 65 km E Talca, R.N. Altos de Lircay). Holotype: ♀ (SMFG).

***tricornuta*** Razowski & Pelz, 2010 (*Proeulia*); SHILAP Revista de Lepidopterologia 38: 15. TL: Chile (Maule, Cauquenes Province, 15 km S Curanipe). Holotype: ♂ (SMFG).

***vanderwolffi*** Razowski & Pelz, 2010 (*Proeulia*); SHILAP Revista de Lepidopterologia 38: 15. TL: Chile (Cachapoal Province, R.N. Rio los Cipreses, O'Higgins). Holotype: ♀ (SMFG).

#### Pseudomeritastis

***quieta*** Razowski & Wojtusiak, 2010 (*Pseudomeritastis*); Acta Zoologica Cracoviensia 53B: 109. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♀ (Zoological Museum, Jagiellonian University).

#### Ptyongnathosia

***latalva*** Razowski & Wojtusiak, 2010 (*Ptyongnathosia*); Acta Zoologica Cracoviensia 53B: 99. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***palliorana*** Razowski & Wojtusiak, 2010 (*Ptyongnathosia*); Acta Zoologica Cracoviensia 53B: 100. TL: Peru (Prov. Cusco, Cordillera Vilcanota, Marcapata). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***lobosaccula*** Razowski & Wojtusiak, 2010 (*Ptyongnathosia*); Acta Zoologica Cracoviensia 53B: 100. TL: Peru (Dept. Pasco, P.N. Yanachaga Chemillén, Sector Los Cedros). Holotype: ♂ (Zoological Museum, Jagiellonian University).

#### Punctapinella

***conchitella*** Razowski & Wojtusiak, 2010 (*Punctapinella*); Acta Zoologica Cracoviensia 53B: 86. TL: Peru (Dept. Pasco, P.N. Yanachaga Chemillén, Refugio El Cedro). Holotype: ♀ (Zoological Museum, Jagiellonian University).

#### Quebradnotia

***unitriangula*** Razowski & Wojtusiak, 2010 (*Quebradnotia*); Acta Zoologica Cracoviensia 53B: 126. TL: Peru (Prov. Cusco, Cordillera Vilcanota, Marcapata). Holotype: ♀ (Zoological Museum, Jagiellonian University).

#### Raisapoana

***Raisapoana*** Razowski & Becker, 2010; Acta Zoologica Cracoviensia 53B: 12. Type species: *Raisapoana paraisoana* Razowski & Becker, 2010. [Tortricinae: Archipini]

***paraisoana*** Razowski & Becker, 2010 (*Raisapoana*); Acta Zoologica Cracoviensia 53B: 12. TL: Brazil (Goias, Alto Paraiso). Holotype: ♂ (Becker Collection).

Ramaperta

**telemaca** Razowski & Becker, 2010  
(*Ramaperta*); Polskie Pismo Entomologiczne  
80: 62. TL: Brazil (Paraná, Telemaco Borba).  
Holotype: ♂ (Becker Collection).

Rebinea

**brunnea** Razowski & Pelz, 2010 (*Rebinea*);  
SHILAP Revista de Lepidopterologia 38: 22.  
TL: Chile (Araucania, Cautín Province, 30  
km ESE Temuco). Holotype: ♀ (SMFG).

Rhopalovalva

**rhombea** Zhang & Li, 2010 (*Rhopalovalva*);  
Zootaxa 2718: 65. TL: China (Fujian  
Province, Mt. Wuyi). Holotype: ♂ (Nankai  
University, Tianjin, P. R. China).

**triangulata** Zhang & Li, 2010  
(*Rhopalovalva*); Zootaxa 2718: 67. TL: China  
(Shaanxi Province, Yangling). Holotype: ♂  
(Nankai University, Tianjin, P. R. China).

Rhopobota

**cornifera** Razowski & Becker, 2010  
(*Rhopobota*); Polskie Pismo Entomologiczne  
79: 178. TL: Brazil (Distrito Federal,  
Planaltina). Holotype: ♂ (Becker Collection).

**granpiedrae** Razowski & Becker, 2010  
(*Rhopobota*); Polskie Pismo Entomologiczne  
79: 177. TL: Cuba (Santiago, Gran Piedra).  
Holotype: ♀ (Becker Collection).

**lacteicaput** Razowski & Becker, 2010  
(*Rhopobota*); Polskie Pismo Entomologiczne  
79: 177. TL: Brazil (Santa Catarina, São  
Joaquim). Holotype: ♂ (Becker Collection).

**larocana** Razowski & Becker, 2010  
(*Rhopobota*); Polskie Pismo Entomologiczne  
79: 172. TL: Brazil (Paraná, Morro de Meio).  
Holotype: ♂ (Becker Collection).

**mayarica** Razowski & Becker, 2010  
(*Rhopobota*); Polskie Pismo Entomologiczne  
79: 174. TL: Cuba (Holguin Pin., Mayari).  
Holotype: ♂ (Becker Collection).

**monospina** Razowski & Becker, 2010  
(*Rhopobota*); Polskie Pismo Entomologiczne  
79: 176. TL: Cuba (Pinar del Río, Sierra  
Rosario). Holotype: ♂ (Becker Collection).

**mostardana** Razowski & Becker, 2010  
(*Rhopobota*); Polskie Pismo Entomologiczne  
79: 173. TL: Brazil (Rio Grande do Sul,  
Mostardas). Holotype: ♂ (Becker Collection).

**platyceria** Razowski & Becker, 2010  
(*Rhopobota*); Polskie Pismo Entomologiczne  
79: 179. TL: Cuba (Santiago, Sierra Maestra).  
Holotype: ♂ (Becker Collection).

**ventriloba** Razowski & Becker, 2010  
(*Rhopobota*); Polskie Pismo Entomologiczne  
79: 175. TL: Cuba (Santiago, Sierra Maestro).  
Holotype: ♂ (Becker Collection).

Rhythmologa

**bicuspis** Razowski & Wojtusiak, 2010  
(*Rhythmologa*); Acta Zoologica Cracoviensia  
53B: 84. TL: Peru (Dept. Pasco, Oxapampa,  
El Cedro, Yanachaga-Chemillén N.P.).  
Holotype: ♂ (Zoological Museum,  
Jagiellonian University).

Romanaria

**cedrana** Razowski & Wojtusiak, 2010  
(*Romanaria*); Acta Zoologica Cracoviensia  
53B: 83. TL: Peru (Dept. Pasco, P.N.  
Yanachaga Chemillén, Sector Los Cedros).  
Holotype: ♀ (Zoological Museum,  
Jagiellonian University)

**chachapoyas** Razowski & Wojtusiak, 2010  
(*Romanaria*); Acta Zoologica Cracoviensia  
53B: 83. TL: Peru (Prov. Amazonas,  
Molinopampa-Granada). Holotype: ♂

(Zoological Museum, Jagiellonian University).

Russograptis

***albulata*** Razowski & Trematerra, 2010 (*Russograptis*); Journal of Entomological and Acarological Research (Ser. II) 42: 50. TL: Ethiopia (Bale Mountains, Harennā Forest). Holotype: ♀ (Trematerra Collection).

Saphenista

***chasia*** Razowski & Becker, 2010 (*Saphenista*); Polskie Pismo Entomologiczne 79: 444. TL: Brazil (Rio de Janeiro, Nova Friburgo). Holotype: ♀ (Becker Collection).

***cuscana*** Razowski & Wojtusiak, 2010 (*Saphenista*); Acta Zoologica Cracoviensia 53B: 78. TL: Peru (Prov. Cusco, Cordillera Vilcanota, Marcapata). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***ochrapex*** Razowski & Becker, 2010 (*Saphenista*); Polskie Pismo Entomologiczne 79: 443. TL: Ecuador (Napo Prov., Baeza). Holotype: ♀ (Becker Collection).

***parabeta*** Razowski & Becker, 2010 (*Saphenista*); Polskie Pismo Entomologiczne 79: 441. TL: Ecuador (Loja Prov., Loja). Holotype: ♂ (Becker Collection).

***pascana*** Razowski & Wojtusiak, 2010 (*Saphenista*); Acta Zoologica Cracoviensia 53B: 78. TL: Peru (Dept. Pasco, P.N. Yanachaga Chemillén, Refugio El Cedro). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***perlaria*** Razowski & Becker, 2010 (*Saphenista*); Polskie Pismo Entomologiczne 79: 442. TL: Ecuador (Carchi, Maldonado). Holotype: ♀ (Becker Collection).

***rufoscripta*** Razowski & Wojtusiak, 2010 (*Saphenista*); Acta Zoologica Cracoviensia 53B: 78. TL: Peru (Dept. Huanuco, via Huanuco–Tingo María, Carpish). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***subperlaria*** Razowski & Becker, 2010 (*Saphenista*); Polskie Pismo Entomologiczne 79: 443. TL: Ecuador (Loja Prov., Loja). Holotype: ♂ (Becker Collection).

Seticosta

***constricta*** Razowski & Wojtusiak, 2010 (*Seticosta*); Acta Zoologica Cracoviensia 53B: 87. TL: Peru (Dept. Huanuco, via Huanuco–Tingo María, Carpish). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***coquimbana*** Razowski & Pelz, 2010 (*Seticosta*); SHILAP Revista de Lepidopterologia 38: 10. TL: Chile (Coquimbo, Limari Province, 40 km NE Ovalle, Mon. Nat. Pichasca). Holotype: ♀ (SMFG).

***marcapatae*** Razowski & Wojtusiak, 2010 (*Seticosta*); Acta Zoologica Cracoviensia 53B: 87. TL: Peru (Prov. Cusco, Cordillera Vilcanota, Marcapata). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***tinga*** Razowski & Wojtusiak, 2010 (*Seticosta*); Acta Zoologica Cracoviensia 53B: 86. TL: Peru (Dept. Huanuco, via Huanuco–Tingo María, Carpish). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***transtillana*** Razowski & Wojtusiak, 2010 (*Seticosta*); Acta Zoologica Cracoviensia 53B: 87. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

Silenis

***elcedranus*** Razowski & Wojtusiak, 2010 (*Silenis*); Acta Zoologica Cracoviensia 53B: 104. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

Sisurcana

***cirrhochroma*** Razowski & Wojtusiak, 2010 (*Sisurcana*); Genus 21: 594. TL: Ecuador (Napo Prov., Yanayacu Biological Station). Holotype: ♀ (USNM).

***clavus*** Razowski & Wojtusiak, 2010 (*Sisurcana*); Acta Zoologica Cracoviensia 53B: 110. TL: Peru (Prov. Cusco, Cordillera Vilcanota, Marcapata). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***latiloba*** Razowski & Wojtusiak, 2010 (*Sisurcana*); Acta Zoologica Cracoviensia 53B: 111. TL: Peru (Dept. Pasco, P.N. Yanachaga Chemillén, Sector Los Cedros). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***olivobrunnea*** Razowski & Wojtusiak, 2010 (*Sisurcana*); Acta Zoologica Cracoviensia 53B: 112. TL: Peru (Dept. Pasco, Pampa Hermosa). Holotype: ♀ (Zoological Museum, Jagiellonian University).

***pascoana*** Razowski & Wojtusiak, 2010 (*Sisurcana*); Acta Zoologica Cracoviensia 53B: 111. TL: Peru (Dept. Pasco, P.N. Yanachaga Chemillén, Refugio El Cedro). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***sanguinoverter*** Razowski & Wojtusiak, 2010 (*Sisurcana*); Genus 21: 593. TL: Ecuador (Napo Prov., Yanayacu Biological Station). Holotype: ♀ (USNM).

***vilcanotae*** Razowski & Wojtusiak, 2010 (*Sisurcana*); Acta Zoologica Cracoviensia 53B: 110. TL: Peru (Prov. Cusco, Cordillera Vilcanota, Marcapata). Holotype: ♂ (Zoological Museum, Jagiellonian University).

Sparganopseutis

***unithicta*** Razowski & Wojtusiak, 2010 (*Sparganopseutis*); Acta Zoologica Cracoviensia 53B: 114. TL: Peru (Dept. Pasco, P.N. Yanachaga Chemillén, Sector Los Cedros). Holotype: ♀ (Zoological Museum, Jagiellonian University).

Sparganothina

***aurozodion*** Razowski & Wojtusiak, 2010 (*Sparganothina*); Acta Zoologica Cracoviensia 53B: 114. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***xanthozodion*** Razowski & Wojtusiak, 2010 (*Sparganothina*); Acta Zoologica Cracoviensia 53B: 115. TL: Peru (Prov. Pasco, Oxapampa, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***refugiana*** Razowski & Wojtusiak, 2010 (*Sparganothina*); Acta Zoologica Cracoviensia 53B: 115. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

***hermosa*** Razowski & Wojtusiak, 2010 (*Sparganothina*); Genus 21: 596. TL: Ecuador (Napo Prov., Yanayacu Biological Station). Holotype: ♂ (USNM).

Sychnovalva

***simillima*** Razowski & Becker, 2010  
(*Sychnovalva*); Acta Zoologica Cracoviensia  
53B: 11. TL: Brazil (Minas Gerais, Nova  
Lima). Holotype: ♂ (Becker Collection).

Telurips

***dubius*** Razowski & Wojtusiak, 2010  
(*Telurips*); Acta Zoologica Cracoviensia 53B:  
80. TL: Peru (Dept. Huanuco, via Huanuco–  
Tingo María, Carpish). Holotype: ♂  
(Zoological Museum, Jagiellonian  
University).

Terinebrica

***multidens*** Razowski & Wojtusiak, 2010  
(*Terinebrica*); Acta Zoologica Cracoviensia  
53B: 105. TL: Peru (Dept. Pasco, P.N.  
Yanachaga Chemillén, Sector Los Cedros).  
Holotype: ♀ (Zoological Museum,  
Jagiellonian University).

Thaumatotibia

***spinai*** Razowski & Trematerra, 2010  
(*Thaumatotibia*); Journal of Entomological  
and Acarological Research (Ser. II) 42: 65  
TL: Ethiopia (Omo Valley, Dowro Zone,  
Tarcha). Holotype: ♂ (Trematerra  
Collection).

Transtillaspis

***cholojuxta*** Razowski & Wojtusiak, 2010  
(*Transtillaspis*); Acta Zoologica Cracoviensia  
53B: 96. TL: Peru (Dept. Pasco, Oxapampa,  
El Cedro, Yanachaga-Chemillén N.P.).  
Holotype: ♂ (Zoological Museum,  
Jagiellonian University).

***obvoluta*** Razowski & Wojtusiak, 2010  
(*Transtillaspis*); Acta Zoologica Cracoviensia  
53B: 97. TL: Peru (Dept. Pasco, Oxapampa,  
El Cedro, Yanachaga-Chemillén

N.P.). Holotype: ♀ (Zoological Museum,  
Jagiellonian University).

***parallela*** Razowski & Wojtusiak, 2010  
(*Transtillaspis*); Acta Zoologica Cracoviensia  
53B: 97. TL: Peru (Prov. Cusco, Cordillera  
Vilcanota, Marcapata). Holotype: ♂  
(Zoological Museum, Jagiellonian  
University).

***juxtarmata*** Razowski & Wojtusiak, 2010  
(*Transtillaspis*); Acta Zoologica Cracoviensia  
53B: 97. TL: Peru (Dept. Huanuco, via  
Huanuco–Tingo María, Carpish). Holotype: ♂  
(Zoological Museum, Jagiellonian  
University).

***monoloba*** Razowski & Wojtusiak, 2010  
(*Transtillaspis*); Acta Zoologica Cracoviensia  
53B: 98. TL: Peru (Dept. Huanuco, via  
Huanuco–Tingo María, Carpish). Holotype: ♂  
(Zoological Museum, Jagiellonian  
University).

Tsinilla

***stenuncus*** Razowski & Wojtusiak, 2010  
(*Tsinilla*); Acta Zoologica Cracoviensia 53B:  
122. TL: Peru (Dept. Pasco, Pozuzo,  
Huampal, Yanachaga-Chemillén N.P.).  
Holotype: ♂ (Zoological Museum,  
Jagiellonian University).

***pallidipuncta*** Razowski & Wojtusiak, 2010  
(*Tsinilla*); Acta Zoologica Cracoviensia 53B:  
123. TL: Peru (Dept. Pasco, P.N. Yanachaga-  
Chemillén, Refugio El Cedro). Holotype: ♂  
(Zoological Museum, Jagiellonian  
University).

Varifula

***transcasiana*** Razowski & Pelz, 2010  
(*Vaifula*); SHILAP Revista de  
Lepidopterologia 38: 21. TL: Chile (Bio-Bio,  
Nuble Province, 2 km N Las Trancas, 70 km  
E Chillan). Holotype: ♀ (SMFG).



Villarica

**Villarica** Razowski & Pelz, 2010; SHILAP Revista de Lepidopterologia 38: 9. Type species: *Villarica villaricae* Razowski & Pelz, 2010. [Tortricinae: Euliini]

**villaricae** Razowski & Pelz, 2010 (*Villarica*); SHILAP Revista de Lepidopterologia 38: 9. TL: Chile (Araucania, Cautín Province, P.N. Villarica, Sct. Rucapillan). Holotype: ♂ (SMFG).

Vulpoxena

**separabilis** Razowski & Wojtusiak, 2010 (*Vulpoxena*); Acta Zoologica Cracoviensia 53B: 88. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

Xapamopa

**Xapamopa** Razowski & Wojtusiak, 2010; Acta Zoologica Cracoviensia 53B: 81. Type species: *Xapamopa oxapampa* Razowski & Wojtusiak, 2010. [Tortricinae: Euliini]

**oxapampa** Razowski & Wojtusiak, 2010 (*Xapamopa*); Acta Zoologica Cracoviensia 53B: 82. TL: Peru (Dept. Pasco, Oxapampa, El Cedro, Yanachaga-Chemillén N.P.). Holotype: ♂ (Zoological Museum, Jagiellonian University).

Xoser

**astonyx** Razowski & Wojtusiak, 2010 (*Xoser*); Genus 21: 587. TL: Ecuador (Napo Prov., Yanayacu Biological Station). Holotype: ♂ (USNM).

Yanachagana

**Yanachagana** Razowski & Wojtusiak, 2010; Acta Zoologica Cracoviensia 53B: 104. Type

species: *Yanachagana polyperla* Razowski & Wojtusiak, 2010. [Tortricinae: Euliini]

**polyperla** Razowski & Wojtusiak, 2010 (*Yanachagana*); Acta Zoologica Cracoviensia 53B: 105. TL: Peru (Dept. Pasco, P.N. Yanachaga Chemillén, Refugio El Cedro). Holotype: ♂ (Zoological Museum, Jagiellonian University).

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### NEW COMBINATIONS, NEW SYNONYMIES, AND MISSPELLINGS

*Archipimina*; misspelling of *Archipimima* (Razowski & Wojtusiak, 2010)

*auriga* Durrant, 1915 resurrected from synonymy of *salaconis* (Miller et al., 2010)

*beryllina* Meyrick, 1927 transferred to *Gretchena* (Razowski & Wojtusiak, 2010)

*cataracta* Aarvik, 2004 transferred to *Cochylimorpha* (Aarvik, 2010)

*exoterica* Meyrick, 1924 transferred to *Cochylimorpha* (Aarvik, 2010)

*gutturalis* Meyrick, 1934 transferred to *Endothenia* (Razowski & Trematerra, 2010)

*melanastriptis* Diakonoff, 1969 transferred to *Strepsicrates* (Razowski & Trematerra, 2010)

*namibiana* Aarvik, 2004 transferred to *Cochylimorpha* (Aarvik, 2010)

*Paraneulia* Razowski & Becker synonymized with *Hynhamia* (Razowski & Becker, 2010)

*verecundana* Blanchard, 1879 synonymized with *indagatricana* (Wright, 2010)

## LITERATURE IN SUPPORT OF TAXONOMIC CHANGES

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## TRACKING OUR TAXONOMIC PROGRESS, 2005-2010

The following table provides a brief assessment of the number of new species and genera described in Tortricidae from 2005 through 2010.

2005	123 species	4 genera
2006	165 species	32 genera
2007	159 species	9 genera
2008	239 species	14 genera
2009	256 species	11 genera
2010	262 species	8 genera

The catalogue by Brown et al. (2005) included over 9,000 species, so we are now well over 10,000 described species for the family.

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