

TORTS

Newsletter of the Troop of Reputed Tortricid Systematists

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XXI EUROPEAN CONGRESS OF LEPIDOPTEROLOGY, CAMPOBASSO, ITALY

The XXI European Congress of Lepidopterology, sponsored in part by Societas Europaea Lepidopterologia (SEL), will be held at the University of Molise, Campobasso, Italy, 3–7 June 2019. The deadline for early registration is 15 March 2019. Abstracts for oral presentations and posters should be submitted before 15 April 2019. Details regarding accommodations, meals, field trips, etc. can be found on the conference website: sel2019 conference.com. For further information, please contact Dr. Pasquale Trematerra at trematerra@unimol.it.

The weather should be delightful, the venue spacious and modern, and the participants friendly and collegial, as usual.

The preliminary schedule is as follows:

Monday, 3 June, 1500–1900 hrs. Welcome reception and opening of the Congress.

Tuesday, 4 June, 0830–1830 hrs. Oral presentations and poster session.

2030 hr. Congress Dinner.

Wednesday, 5 June, 0830–1300 hrs. Oral presentations and poster session.

1400 hr. Half-day excursion to Campitello Matese.

Thursday, 6 June, 0830–1600 hrs. Oral presentations and poster session.

1600–1830 hrs. General meeting.

1830–1930 hrs. Closing remarks.

Friday, 7 June, 0700–1630 hrs. Post-congress excursion to the UNESCO World Heritage site of Pompeii.



ANNUAL MEETING OF THE LEPIDOPTERISTS' SOCIETY, DAVIS, CALIFORNIA

The Annual Meeting of the Lepidopterists' Society will be held 10–12 July 2019 at the Odd Fellows Hall in Davis, California. The venue is just down the street from the University of California, Davis and the Bohart Museum of Entomology. The Executive Council meeting will be held the day before the meeting on Tuesday, 9 July. For details go to <https://www.lepsoc.org/>

In addition to the Bohart Museum, there are at least two major Lepidoptera collections within an hour drive of Davis - the California Academy of Sciences in San Francisco (contact Chris Grinter, cgrinter@gmail.com) and the Essig Museum of Entomology at the University of California, Berkeley (contact Peter Oboyski, poboyski@berkeley.edu).

PROGRESS TOWARDS UNDERSTANDING THE SYSTEMATICS OF COCHYLINI

Several studies on Cochylini currently are in progress by colleagues in Europe and North America. John Brown and Eric Metzler are continuing work on a fascicle in the series the Moths of North America (MONA) focused on the Cochylini of the U.S.A. and Canada. Joaquin Baixeras and José Vicente Santa-Rita are investigating the morphology diversity and taxonomic distribution of the male hindwing “costal roll” within the tribe. And a group led by Marko Mutanen (i.e., Leif Aarvik, John Brown, Maria Heikkila) is working on a molecular phylogeny of the tribe.

Stay tuned – the results of some of these studies may be published this year!

TORTRICID TAXA DESCRIBED IN 2017

The following is a list of tortricid taxa described in 2017 (in **bold**); it is followed by a list of new synonyms, new combinations, and revised combinations, followed by the literature that supports the proposed additions and changes. I would appreciate it if authors of new taxa would take a moment to review their citations and spellings and provide me (and/or Todd Gilligan) with any necessary corrections. Thanks much.

Acroclita

liui Zhang & Li, 2017 (*Acroclita*); Journal of Asia-Pacific Entomology 20: 32. TL: China (Qinghai Province, Xunhua County). Holotype (♂): NKU (Insect Collection, College of Life Sciences, Nankai University, Tianjin, China).

digitata Zhang & Li, 2017 (*Acroclita*); Journal of Asia-Pacific Entomology 20: 33. TL: China (Qinghai Province, Arboretum of Xining City). Holotype (♂): NKU (Insect Collection, College of Life Sciences, Nankai University, Tianjin, China).

Ancoruncus

Ancoruncus Santa-Rita & Baixeras, 2017; Zootaxa 4227: 136. Type species: *Ancoruncus langeri* Santa-Rita & Baixeras, 2017. [Tortricinae: Cochylini]

langeri Santa-Rita & Baixeras, 2017 (*Ancoruncus*); Zootaxa 4227: 138. TL: Bolivia (Santa Cruz Department, Florida Province, Pampa Grande Municipality, locality of Hueco de la Pascana). Holotype (♂): MNKM.

Brasilnotia

Brasilnotia Razowski & Becker, 2017. Polskie Pismo Entomologiczne 86: 70. Type species: *Brasilnotia planaltinana* Razowski & Becker, 2017. [Olethreutinae: Eucosmini]

planaltinana Razowski & Becker, 2017 (*Brasilnotia*); Polskie Pismo Entomologiczne 86: 71. TL: Brazil (Distrito Federal, Planaltina). Holotype (♂): VBC.

Celsumaria

Celsumaria Brown & Timm, 2017; Annals of the Ditsong Museum of Natural History 7: 98. Type species: *Celsumaria knysna* Brown & Timm, 2017. [Olethreutinae: Grapholitini]

grandis Brown & Timm, 2017 (*Celsumaria*); Annals of the Ditsong Museum of Natural History 7: 100. TL: South Africa (Mpumalanga, Barberton District, Nelshoogte Forestry). Holotype (♂): TSMA.

knysna Brown & Timm, 2017 (*Celsumaria*); Annals of the Ditsong Museum of Natural History 7: 101. TL: South Africa (Limpopo, Woodbush Forest). Holotype (♂): TSMA.

elongata Brown & Timm, 2017 (*Celsumaria*); Annals of the Ditsong Museum of Natural History 7: 105. TL: Madagascar (Fianarantsoa Province, 7 km W Ranomafana). Holotype (♂): USNM.

soror Brown & Timm, 2017 (*Celsumaria*); Annals of the Ditsong Museum of Natural History 7: 105. TL: Madagascar (Fianarantsoa Province, 7 km W Ranomafana). Holotype (♂): USNM.

Clepsis

razowskii Gastón, Vives & Revilla, 2017 (*Clepsis*); SHILAP Revista de Lepidopterologia 45: 691. TL: Spain (Granada, La Bernardilla). Holotype (♂): MNCN.

Cnephasia

josebai Gastón, Vives & Revilla, 2017 (*Cnephasia*); SHILAP Revista de Lepidopterologia 45: 690. TL: Spain (Guadalajara). Holotype (♂): MCNA.

Cochylidia

flavifasciatus Byun, 2017 (*Cochylidia*); Journal of Asia-Pacific Biodiversity 10: 556. Korea (Gangwon Province, Mt. Yaksu-san). Holotype (♀): Systematic Entomology Laboratory, Hannam University, Daejeon, Korea.

hallasanensis Byun, 2017 (*Cochylidia*); Journal of Asia-Pacific Biodiversity 10: 556. Korea (Mt. Halla, Jeju). Holotype (♂): Systematic Entomology Laboratory, Hannam University, Daejeon, Korea.

Crocidosema

monias Razowski & Becker, 2017 (*Crocidosema*); Polskie Pismo Entomologiczne 86: 321. TL: Cuba (Santiago, Turguino). Holotype (♂): VBC.

obiquata Razowski & Becker, 2017 (*Crocidosema*); Polskie Pismo Entomologiczne 86: 323. TL: Brazil (Minas Gerais, Serra do Cipó). Holotype (♂): VBC.

platea Razowski & Becker, 2017 (*Crocidosema*); Polskie Pismo Entomologiczne 86: 324. TL: Brazil (Santa Catarina, São Joaquim). Holotype (♂): VBC.

mangaritibae Razowski & Becker, 2017 (*Crocidosema*); Polskie Pismo Entomologiczne 86: 325. TL: Brazil (Rio de Janeiro, Mangaritiba). Holotype (♂): VBC.

Cydia

magnesia Trematerra & Colacci, 2017 (*Cydia*); SHILAP Revista de Lepidopterologia 45: 474. TL: Greece (Portaria, Pelion Mountains). Holotype (♂): Trematerra Collection, Campobasso, Italy.

Diakonoffiana

laosensis Phewphanh and Pinkaew, 2017 (*Diakonoffiana*); Zootaxa 4358: 127. TL: Laos (Vientiane Province, Ban Vung Heuo I, Phou Khao Khouay N.P.). Holotype (♂): Kasetsart Kamphaeng Saen Insect Collection, Nakhon Pathom, Thailand.

Domaldona

Domaldona Razowski & Becker, 2017. Polskie Pismo Entomologiczne 86: 326.

Type species: *Domaldona latiptera* Razowski & Becker, 2017. [Olethreutinae: Eucosmini]

latiptera Razowski & Becker, 2017 (*Domaldona*); Polskie Pismo Entomologiczne 86: 327. TL: Ecuador (Carchi, Maldonado). Holotype (♂): VBC.

Ecdytolopha

meridana Brown, in Brown & Timm, 2017 (*Ecdytolopha*); Proceedings of the Entomological Society of Washington 119: 13. TL: Venezuela (Merida, Rio Montalbán, Rt. 4, 19 km W Merida). Holotype (♂): USNM.

nigrita Brown, in Brown & Timm, 2017 (*Ecdytolopha*); Proceedings of the Entomological Society of Washington 119: 11. TL: USA (Arizona, Cochise Co., Stewart Camp, ca. 2 mi N Portal). Holotype (♂): USNM.

Episimus

buarquei Brito & Vargas, 2017 (*Episimus*); Studies on Neotropical Fauna and Environment 52: 3. TL: Chile (Arica, Chaca Valley). Holotype (♂): MNNC (Museo Nacional de Historia Natural de Santiago, Chile).

Eucosmocydia

larseni Razowski & Karisch, 2017 (*Eucosmocydia*); Lambillionea 117: 79. TL: Sierra Leone (Western Area Peninsula Forest, ca. 5 km E Sussex). Holotype (♂): CKDT (Collection of Timm Karisch, Demitz-Thumitz, Germany).

Eugnosta

lankinae Cepeda, 2017 (*Eugnosta*); Insecta Mundi 565: 2. TL: Chile (Provincia de Elqui, Región de Coquimbo, Pan de Azúcar). Holotype (♂): MEUC (Museo Entomológico Luis Peña, Universidad de Chile).

Foikeulia

Foikeulia Urrea, 2017; Revista Chilena de Entomología 43: 48. Type species: *Foikeulia razowskii* Urrea, 2017.

razowskii Urrea, 2017 (*Foikeulia*); Revista Chilena de Entomología 43: 50. TL: Chile (Malleco, Angol, Vegas Blancas). Holotype (♂): MNNC.

Fulcrifera

bicolorana Razowski & Karisch, 2017 (*Fulcrifera*); Lambillionea 117: 79. TL: Sierra Leone (Western Area Peninsula Forest, 0.4 km N Congo Dam). Holotype (♂): CKDT (Collection of Timm Karisch, Demitz-Thumitz, Germany).

Gnathodracon

apollo Razowski & Karisch, 2017 (*Gnathodracon*); Lambillionea 117: 72. TL: Sierra Leone (Western Area Peninsula Forest, ca. 9 km SSE Freetown, 0.7 km NNE Tacugama). Holotype (♂): CKDT (Collection of Timm Karisch, Demitz-Thumitz, Germany).

nyx Razowski & Karisch, 2017 (*Gnathodracon*); Lambillionea 117: 72. TL: Sierra Leone (Western Area Peninsula Forest, ca. 5 km E Sussex). Holotype (♂): CKDT (Collection of Timm Karisch, Demitz-Thumitz, Germany).

phaetusa Razowski & Karisch, 2017
(*Gnathodracon*); Lambillionea 117: 73.
TL: Sierra Leone (Western Area Peninsula Forest, ca. 5 km E Sussex). Holotype (♂): CKDT (Collection of Timm Karisch, Demitz-Thumitz, Germany).

Grapholita

percutiens Razowski & Karisch, 2017
(*Grapholita*); Lambillionea 117: 86. TL: Sierra Leone (Western Area Peninsula Forest, 0.4 km N Congo Dam). Holotype (♂): CKDT (Collection of Timm Karisch, Demitz-Thumitz, Germany).

curva Razowski & Karisch, 2017 (*Grapholita*); Lambillionea 117: 86. TL: Sierra Leone (Western Area Peninsula Forest, 0.7 km NNE Tacugama). Holotype (♂): CKDT (Collection of Timm Karisch, Demitz-Thumitz, Germany).

Iatitaia

Iatitaia Razowski & Becker, 2017. Polskie Pismo Entomologiczne 86: 327. Type species: *Iatitaia itatiaiae* Razowski & Becker, 2017. [Olethreutinae: Eucosmini]

itatiaiae Razowski & Becker, 2017 (*Iatitaia*); Polskie Pismo Entomologiczne 86: 328. TL: Brazil (Rio de Janeiro, Itatiaia). Holotype (♂): VBC.

pithana Razowski & Becker, 2017 (*Iatitaia*); Polskie Pismo Entomologiczne 86: 329. TL: Brazil (Bahia, Morro do Chapéu). Holotype (♂): VBC.

intercalata Razowski & Becker, 2017 (*Iatitaia*); Polskie Pismo Entomologiczne 86: 330. TL: Brazil (Santa Catarina, Bom Jardim da Serra). Holotype (♂): VBC.

Icelita

plumbea Razowski & Karisch, 2017 (*Icelita*); Lambillionea 117: 72. TL: Sierra Leone (Western Area Peninsula Forest, ca. 9 km SSE Freetown, 0.7 km NNE Tacugama). Holotype (♂): CKDT (Collection of Timm Karisch, Demitz-Thumitz, Germany).

Laculataria

atrovirens Razowski & Becker, 2017 (*Laculataria*); Polskie Pismo Entomologiczne 86: 319. TL: Brazil (Mato Grosso, Chapada do Guimaraes). Holotype (♀): VBC.

brunnescens Razowski & Becker, 2017 (*Laculataria*); Polskie Pismo Entomologiczne 86: 316. TL: Mexico (Veracruz, Las Minas). Holotype (♂): VBC.

cactsocia Razowski & Becker, 2017 (*Laculataria*); Polskie Pismo Entomologiczne 86: 317. TL: Brazil (Paraná, Curitiba). Holotype (♂): VBC.

cajasana Razowski & Becker, 2017 (*Laculataria*); Polskie Pismo Entomologiczne 86: 320. TL: Ecuador (Azua, Cajas). Holotype (♂): VBC.

elliptica Razowski & Becker, 2017 (*Laculataria*); Polskie Pismo Entomologiczne 86: 318. TL: Cuba (Santiago, Sierra Maestra, Pinar). Holotype (♂): VBC.

Lobesia

acicula Phewphanh and Pinkaew, 2017 (*Lobesia*); Zootaxa 4358: 134. TL: Laos (Xaisomboun Province, Phar Saed, Phou Khao Khouay N.P.). Holotype (♂): Kasetsart Kamphaeng Saen Insect Collection, Nakhon Pathom, Thailand.

Latortona

Latortona Razowski & Becker, 2017. *Polskie Pismo Entomologiczne* 86: 337. Type species: *Latortona tortolana* Razowski & Becker, 2017. [Olethreutinae: Eucosmini]

cosmelia Razowski & Becker, 2017 (*Latortona*); *Polskie Pismo Entomologiczne* 86: 343. TL: Brazil (Santa Catarina, São Joaquim). Holotype (♂): VBC.

diplocosmea Razowski & Becker, 2017 (*Latortona*); *Polskie Pismo Entomologiczne* 86: 344. TL: Brazil (Santa Catarina, Bom Jardim da Serra). Holotype (♂): VBC.

minosa Razowski & Becker, 2017 (*Latortona*); *Polskie Pismo Entomologiczne* 86: 342. TL: Brazil (São Paulo, São Paulo). Holotype (♂): VBC.

rhamna Razowski & Becker, 2017 (*Latortona*); *Polskie Pismo Entomologiczne* 86: 339. TL: Brazil (Distrito Federal, Planaltina). Holotype (♂): VBC.

tornota Razowski & Becker, 2017 (*Latortona*); *Polskie Pismo Entomologiczne* 86: 340. TL: Brazil (Rondonia, Porto Velho). Holotype (♂): VBC.

tortolana Razowski & Becker, 2017 (*Latortona*); *Polskie Pismo Entomologiczne* 86: 338. TL: British Virgin Islands (Tortola Island, Mt. Sage National Park). Holotype (♂): VBC.

viridirufa Razowski & Becker, 2017 (*Latortona*); *Polskie Pismo Entomologiczne* 86: 340. TL: Puerto Rico (Patillas). Holotype (♂): VBC.

vulga Razowski & Becker, 2017 (*Latortona*); *Polskie Pismo Entomologiczne* 86: 341. TL: Cuba (Holguin, Pinar Mayari). Holotype (♂): VBC.

Malinova

Malinova Razowski & Becker, 2017. *Polskie Pismo Entomologiczne* 86: 75. Type species: *Malinova novaelimae* Razowski & Becker, 2017. [Olethreutinae: Eucosmini]

novaelimae Razowski & Becker, 2017 (*Malinova*); *Polskie Pismo Entomologiczne* 86: 76. TL: Brazil (Minas Gerais). Holotype (♂): VBC.

Miojuqa

Miojuqa Razowski & Becker, 2017. *Polskie Pismo Entomologiczne* 86: 331. Type species: *Miojuqa visibilis* Razowski & Becker, 2017. [Olethreutinae: Eucosmini]

albivertex Razowski & Becker, 2017 (*Miojuqa*); *Polskie Pismo Entomologiczne* 86: 332. TL: Brazil (Santa Catarina, Bom Jardim da Serra). Holotype (♂): VBC.

albovirens Razowski & Becker, 2017 (*Miojuqa*); *Polskie Pismo Entomologiczne* 86: 333. TL: Brazil (Santa Catarina, São Joaquim). Holotype (♂): VBC.

defecta Razowski & Becker, 2017 (*Miojuqa*); *Polskie Pismo Entomologiczne* 86: 335. TL: Brazil (Banhado, Paraná, Quatro Barras). Holotype (♂): VBC.

splendida Razowski & Becker, 2017 (*Miojuqa*); *Polskie Pismo Entomologiczne* 86: 334. TL: Ecuador (Carchi, Maldonado). Holotype (♂): VBC.

viridicans Razowski & Becker, 2017 (*Miojuqa*); *Polskie Pismo Entomologiczne* 86: 336. TL: Brazil (Minas Gerais, Serra de Cipó). Holotype (♂): VBC.

visibilis Razowski & Becker, 2017 (*Miojuqa*); *Polskie Pismo Entomologiczne* 86: 332.

TL: Brazil (Santa Catarina, São Joaquim).
Holotype (♂): VBC.

Panegyra

albipenetrata Razowski & Karisch, 2017
(*Panegyra*); Lambillionea 117: 71. TL: Sierra Leone (Western Area Peninsula Forest, ca. 9 km SSE Freetown, 0.7 km NNE Tacugama). Holotype (♂): CKDT (Collection of Timm Karisch, Demitz-Thumitz, Germany).

flavimarginata Razowski & Karisch, 2017
(*Panegyra*); Lambillionea 117: 71. TL: Sierra Leone (Western Area Peninsula Forest, ca. 9 km SSE Freetown, 0.4 km N Congo Dam). Holotype (♀): CKDT (Collection of Timm Karisch, Demitz-Thumitz, Germany).

Pelochrista

arizonae Wright & Gilligan, 2017 (*Pelochrista*); *Pelochrista* Lederer of the contiguous Unites States and Canada (Lepidoptera: Tortricidae: Eucosmini): 145. TL: USA (Arizona, Santa Cruz Co., Madera Canyon, Santa Rita Mountains). Holotype (♀): USNM.

artesiana Wright & Gilligan, 2017 (*Pelochrista*); *Pelochrista* Lederer of the contiguous Unites States and Canada (Lepidoptera: Tortricidae: Eucosmini): 94. TL: USA (Texas, La Salle Co., Artesia Wells). Holotype (♀): USNM.

aurantiaca Wright & Gilligan, 2017 (*Pelochrista*); *Pelochrista* Lederer of the contiguous Unites States and Canada (Lepidoptera: Tortricidae: Eucosmini): 137. TL: USA (California, Lassen Co., 7 mi E Bieber). Holotype (♂): USNM.

chiricahuae Wright & Gilligan, 2017 (*Pelochrista*); *Pelochrista* Lederer of the

contiguous Unites States and Canada (Lepidoptera: Tortricidae: Eucosmini): 158. TL: USA (Arizona, Cochise Co., Chiricahua Mountains, Rustler Park). Holotype (♀): EME.

comancheana Wright & Gilligan, 2017 (*Pelochrista*); *Pelochrista* Lederer of the contiguous Unites States and Canada (Lepidoptera: Tortricidae: Eucosmini): 56. TL: USA (New Mexico, Otero Co., Vogel Canyon Picnic Area, 15 mi S La Junta). Holotype (♂): USNM.

erema Wright & Gilligan, 2017 (*Pelochrista*); *Pelochrista* Lederer of the contiguous Unites States and Canada (Lepidoptera: Tortricidae: Eucosmini): 95. TL: USA (New Mexico, Grant Co., State Rt. 90 at Gold Gulch Road). Holotype (♂): USNM.

flava Wright & Gilligan, 2017 (*Pelochrista*); *Pelochrista* Lederer of the contiguous Unites States and Canada (Lepidoptera: Tortricidae: Eucosmini): 101. TL: USA (New Mexico, Sierra Co., Hwy 195 near I-25, exit 83). Holotype (♂): USNM.

fremonti Wright & Gilligan, 2017 (*Pelochrista*); *Pelochrista* Lederer of the contiguous Unites States and Canada (Lepidoptera: Tortricidae: Eucosmini): 75. TL: USA (Colorado, Fremont Co., 4.6 mi SE Salida, W side US hwy 50). Holotype (♀): USNM.

kimballi Wright & Gilligan, 2017 (*Pelochrista*); *Pelochrista* Lederer of the contiguous Unites States and Canada (Lepidoptera: Tortricidae: Eucosmini): 45. TL: USA (North Carolina, Macon Co., Highlands). Holotype (♂): USNM.

murina Wright & Gilligan, 2017 (*Pelochrista*); *Pelochrista* Lederer of the contiguous Unites States and Canada (Lepidoptera: Tortricidae: Eucosmini):

135. TL: USA (California, Lassen Co., 7 mi E Bieber). Holotype (♂): USNM.

olivacea Wright & Gilligan, 2017 (*Pelochrista*); *Pelochrista* Lederer of the contiguous United States and Canada (Lepidoptera: Tortricidae: Eucosmini): 100. TL: USA (Arizona, Cochise Co., 3 mi up Paradise Rd, nr Portal). Holotype (♀): USNM.

opleri Wright & Gilligan, 2017 (*Pelochrista*); *Pelochrista* Lederer of the contiguous United States and Canada (Lepidoptera: Tortricidae: Eucosmini): 160. TL: USA (Wyoming, Teton Co., Teton National Park, Vista Point trailhead). Holotype (♂): USNM.

polingana Wright & Gilligan, 2017 (*Pelochrista*); *Pelochrista* Lederer of the contiguous United States and Canada (Lepidoptera: Tortricidae: Eucosmini): 55. TL: USA (New Mexico, Grant Co., State Rt. 90 at Gold Gulch Road). Holotype (♂): USNM.

rufula Wright & Gilligan, 2017 (*Pelochrista*); *Pelochrista* Lederer of the contiguous United States and Canada (Lepidoptera: Tortricidae: Eucosmini): 52. TL: USA (Arizona, Coconino Co., 3.33 mi EESE Flagstaff, Walnut Canyon). Holotype (♂): USNM.

trematerrai Gastón, Vives & Revilla, 2017 (*Pelochrista*); SHILAP Revista de Lepidopterología 45: 693. TL: Spain (Segovia, Casla, Sierra de Arcones, La Bernardilla). Holotype (♀): MCNA.

wagneri Wright & Gilligan, 2017 (*Pelochrista*); *Pelochrista* Lederer of the contiguous United States and Canada (Lepidoptera: Tortricidae: Eucosmini): 142. TL: USA (California, Plumas Co., 2 mi E Bucks Lake). Holotype (♂): EME.

Phtheochroa

alpinana Zlatkov & Huemer, 2017 (*Phtheochroa*); European Journal of Taxonomy 368: 8. TL: France (Frankreich Alpes, Maritimes Tete Chaudon, NE Col de la Boira). Holotype (♂): TLMF.

apenninana Zlatkov & Huemer, 2017 (*Phtheochroa*); European Journal of Taxonomy 368: 12. TL: Italy (Province L'Aquila, NP Gran Sasso). Holotype (♂): TLMF.

cantabriana Zlatkov & Huemer, 2017 (*Phtheochroa*); European Journal of Taxonomy 368: 18. TL: Spain (Prov. Cantabria, P.N. Picos de Europa Espinama, Portillas de Poqueion). Holotype (♂): TLMF.

Prophaecasia

lindae Heppner & Bae, 2017 (*Prophaecasia*); Zootaxa 4291: 596. TL: Cambodia (Kep Province, Kep). Holotype (♂): MGCL.

Quebradnotia

paulista Razowski & Becker, 2017 (*Quebradnotia*); Polskie Pismo Entomologiczne 86: 316. TL: Brazil (São Paulo, São Paulo). Holotype (♀): VBC.

venezolana Razowski & Becker, 2017 (*Quebradnotia*); Polskie Pismo Entomologiczne 86: 307. TL: Venezuela (Cordillera de Merida, Monte Zarpa). Holotype (♂): VBC.

Rhopalovalva

connata Zhang & Li, 2017 (*Rhopalovalva*); Zootaxa 4231: 116. TL: China (Yunan Province, Xishuangbanna, Wild Elephants Valley). Holotype (♂): Insect Collection,

College of Life Sciences, Nankai University, Tianjin, China.

College of Life Sciences, Nankai University, Tianjin, China).

macrocululla Zhang & Li, 2017 (*Rhopal-ovalva*); Zootaxa 4231: 115. TL: China (Zhejiang Province, Longxushan, Pinggang). Holotype (♂): Insect Collection, College of Life Sciences, Nankai University, Tianjin, China.

singularis Zhao, Bai & Yu, 2017 (*Sorolopha*); Zootaxa 4329: 598. TL: China (Guangxi Zhuangzu Autonomous Region, Mt. Daming). Holotype (♂): NKU (Insect Collection, College of Life Sciences, Nankai University, Tianjin, China).

Rhopobota

projecta Zhang, 2017 (*Rhopobota*); Zootaxa 4299: 298. TL: China (Zhejiang Province, Qingliangfeng, Shunxiwu). Holotype (♂): Insect Collection, College of Life Sciences, Nankai University, Tianjin, China.

quadrata Zhang, 2017 (*Rhopobota*); Zootaxa 4299: 298. TL: China (Yunnan Province, Xishuangbanna, Wild Elephant Valley). Holotype (♂): Insect Collection, College of Life Sciences, Nankai University, Tianjin, China.

Sorolopha

angustorbis Sun, Sun & Heppner, 2017 (*Sorolopha*); Proceedings of the Entomological Society of Washington 119: 642. TL: Taiwan (Taitung Co., Bishan Hot Springs). Holotype (♂): MGCL.

latiuscula Zhao, Bai & Yu, 2017 (*Sorolopha*); Zootaxa 4329: 595. TL: China (Guangxi Zhuangzu Autonomous Region, Mt. Daming). Holotype (♂): NKU (Insect Collection, College of Life Sciences, Nankai University, Tianjin, China).

nanlingica Zhao, Bai & Yu, 2017 (*Sorolopha*); Zootaxa 4329: 596. TL: China (Guangdong Province, Mt. Nanling). Holotype (♂): NKU (Insect Collection,

Strophedra

laticolla Lu & Li, 2017 (*Strophedra*); Zootaxa 4318: 343. TL: China (Hainan Province, Ledong County, Jianfengling). Holotype (♂): NKU.

nigrifusca Lu & Li, 2017 (*Strophedra*); Zootaxa 4318: 343. TL: China (Hainan Province, Yinggeling). Holotype (♂): NKU.

paraspinifera Lu & Li, 2017 (*Strophedra*); Zootaxa 4318: 341. TL: China (Shanxi Province, Manghe Yangcheng, Jincheng). Holotype (♂): NKU.

tricornuta Lu & Li, 2017 (*Strophedra*); Zootaxa 4318: 344. TL: China (Hainan Province, Ledong County, Jianfengling). Holotype (♂): NKU.

Tiburica

Tiburica Razowski & Becker, 2017. Polskie Pismo Entomologiczne 86: 73. Type species: *Tiburica paranae* Razowski & Becker, 2017. [Olethreutinae: Eucosmini]

paranae Razowski & Becker, 2017 (*Tiburica*); Polskie Pismo Entomologiczne 86: 74. TL: Brazil (Paraná, Curitiba). Holotype (♂): VBC.

Zebraodes

Zebraodes Heppner & Bae, 2017, Zootaxa 4236: 393. Type species: *Zebraodes lucidalis* Heppner & Bae, 2017. [Tortricinae: Archipini]

lucidalis Heppner & Bae, 2017 (*Zebraodes*); Zootaxa 4236: 396. TL: Vietnam (Ninh Binh Province, Cuc Phuong National Park, Mac Lake). Holotype (♂): MGCL.

NEW COMBINATIONS, NEW SYNONYMIES, MISSPELLINGS, ETC.

albocephalaeis Razowski & Wojtusiak, 2010, transferred to *Crocidosema* (Razowski & Becker 2017)

argentialbana Walsingham, 1879, elevated to species (Wright & Gilligan 2017).

argentifurcatana Grote, 1876, elevated to species (Wright & Gilligan 2017)

austrina Miller, 1985, synonymized with *comatulana* (Wright & Gilligan 2017)

bactana Heinrich, 1923, elevated to species (Wright & Gilligan 2017)

barbara Miller, 1974, synonymized with *agricolana* (Wright & Gilligan 2017)

beryllina Meyrick, 1924 (*Eucosma*), transferred to *Miojuqa* (Razowski & Becker 2017)

betana McDunnough, 1942, synonymized with *immaculana* (Wright & Gilligan 2017).

britana McDunnough, 1927, synonymized with *agricolana* (Wright & Gilligan 2017)

brunneomacula Razowski & Wojtusiak, 2009 (*Epinotia*), transferred to *Crocidosema* (Razowski & Becker 2017)

chloana Razowski & Wojtusiak, 2006 (*Epinotia*), transferred to *Crocidosema* (Razowski & Becker 2017)

costastrigulana Kearfott, 1907, synonymized with *comatulana* (Wright & Gilligan 2017)

drenowskyi Rebel, 1916, synonymized with *schawerdae* Rebel, 1908 (Zlatkov & Huemer 2017)

dolicha Razowski & Wojtusiak, 2011, (*Pseudexentera*), transferred to *Crocidosema* (Razowski & Becker 2017)

excusabilis Heinrich, 1923, synonymized with *juncticiliana* (Wright & Gilligan 2017)

expolitana Heinrich, 1923, synonymized with *canana* (Wright & Gilligan 2017)

fofana Kearfott, 1907, synonymized with *dodana* (Wright & Gilligan 2017)

frigidana Guenée, 1845, stat. rev. (species) [with synonyms: *sulphurana* Guenée, 1845 and *andorrana* Millière, 1865] (Zlatkov & Huemer 2017)

gilletteana Dyar, 1903, synonymized with *agassizi* (Wright & Gilligan 2017)

hygrantis Meyrick, 1911, transferred to *Celsumaria* (Brown & Timm 2017)

illepidosa Razowski & Wojtusiak, 2006, transferred to *Crocidosema* (Razowski & Becker 2017)

langstoni Powell, 1963, synonymized with *russeola* (Wright & Gilligan 2017)

lineana Razowski & Wojtusiak, 2008, transferred to *Crocidosema* (Razowski & Becker 2017)

longistria Razowski & Wojtusiak, 2008, transferred to *Crocidosema* (Razowski & Becker 2017)

magnidicana Heinrich, 1923, synonymized with *ridingsana* (Wright & Gilligan 2017).

marcapatae Razowski & Wojtusiak, 2010, transferred to *Crocidosema* (Razowski & Becker 2017)

metariana Heinrich, 1923, synonymized with *canana* (Wright & Gilligan 2017)

microscyphos Razowski & Landry, 2008, transferred to *Crocidosema* (Razowski & Becker 2017)

nuntia Heinrich, 1929, synonymized with *corosana* (Wright & Gilligan 2017)

ophionana McDunnough, synonymized with *serpentana* (Wright & Gilligan 2017).
panda Razowski & Wojtusiak, 2008, transferred to *Crociosema* (Razowski & Becker 2017)
pediasios Miller, 1985, synonymized with *comatulana* (Wright & Gilligan 2017).
pharangodes Meyrick, 1920, transferred to *Eucosmocystia* (Razowski & Karisch 2017)
phruda Razowski & Wojtusiak, 2012, transferred to *Fulcrifera* (Razowski & Karisch, 2017)
rindgei Miller, 1985, synonymized with *comatulana* (Wright & Gilligan 2017)
rotundata Razowski & Wojtusiak, 2009 (*Epinotia*), transferred to *Crociosema* (Razowski & Becker 2017)
schawerdae Rebel, 1908, transferred to *Phtheochroa* (Zlatkov & Huemer 2017)
smithiana Walsingham, 1895, synonymized with *agricolana* (Wright & Gilligan 2017)
tubuligera Razowski & Wojtusiak, 2008, synonymized with *Laculataria nigroapicata* (Razowski & Becker 2017)
williamsi Powell, 1963, synonymized with *eburata* (Wright & Gilligan 2017).

LITERATURE IN SUPPORT OF TAXONOMIC CHANGES

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TRACKING OUR TAXONOMIC PROGRESS, 2005–2017

Below is a brief assessment of the number of new species and genera described in Tortricidae since 2005. The number of new species in 2017 is the lowest in over 20 years, less than 100, fewer than last year, which was a record low. In regards to geographic trends, 37% of the new species are from the Neotropical region, 22% from Asia, 18% from the Nearctic, 15% from the Afrotropical Region, and 8% from Europe.

The total number of valid species of Tortricidae now exceeds 11,000.

| | | |
|------|-------------|-----------|
| 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 |
| 2011 | 165 species | 7 genera |
| 2012 | 234 species | 18 genera |
| 2013 | 148 species | 7 genera |
| 2014 | 160 species | 9 genera |
| 2015 | 108 species | 7 genera |
| 2016 | 96 species | 6 genera |
| 2017 | 94 species | 11 genera |

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