TORTS

Newsletter of the Troop of Reputed Tortricid Systematists

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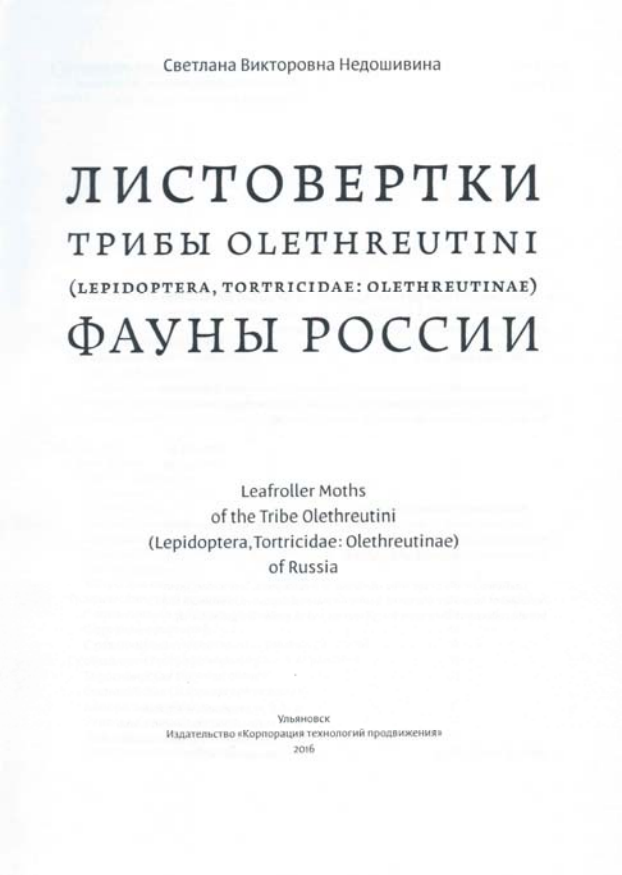
RECENT BOOK ON RUSSIAN OLETHREUTINI

Nedoshivina, S. V. 2016. Leafroller moths of the tribe Olethreutini (Lepidoptera, Tortricidae: Olethreutinae) of Russia. Korporaciya Technology Prodvizheniya Publishing, Ulyanovsk, 328 pp.; hard cover; 18x24.5 cm.



Title page of "Leafroller Moths of the Tribe Olethreutini (Lepidoptera, Tortricidae: Olethrutinae) of Russia."

This is first publication to cover the Olethreutini of Russia since Kuznetsov's (1978) contribution to the "Keys to the Insects of the European Part of the USSR," and it is an impressive piece of work even if you can't read Russian (which I cannot). According to the English abstract, diagnoses are provided for 138 species and 26 genera.

Sample page of adult illustrations from "Leafroller Moths of the Tribe Olethreutini (Lepidoptera, Tortricidae: Olethrutinae) of Russia."

Immediately following the table of contents is a list of the new combinations, revised statuses, new synonymies, and designations of lectotypes proposed in the book.

The first chapter deals with tortricid morphology, including adults and early stages, and is accompanied by a variety of useful line drawings and black-and-white photographs. The second chapter focuses on biologies, life histories, and biogeography. And the third chapter briefly discusses the history of the classification of Olethreutinae, concluding with lists of characters that define the tribes recognized by Nedoshivina (i.e., Lobesiini, Endotheniini, Eudemini, Olethreutini, and Bactrini).

The vast majority of the book (about 260 pages) is dedicated to re-descriptions of the included genera with keys to the species and detailed species accounts. This part of the book is rich in black-and-white images of adults (mostly photographs, but some drawings), genitalia, and distribution maps.

The literature cited section is given in both Russian and English. And the last five pages of the book provide color illustrations of the treated species.

The color plates alone will prove extremely helpful for identifying those Palaearctic "orphan" Olethreutini in museum and private collections. For those interested in Tortricidae, this book will make a fine addition to your library.

TORTRICID TAXA DESCRIBED IN 2016

The following is a list of tortricid taxa described in 2016 (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. Because the new taxa and taxonomic changes have not yet been incorporated into the on-line tortricid catalogue, 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.

Acailandica

Acailandica Razowski & Becker, 2016, Zootaxa 4066: 249. Type species: *Acailandica acailandiae* Razowski & Becker, 2016. [Olethreutinae: Grapholitini]

acailandiae Razowski & Becker, 2016 (*Acailandica*), Zootaxa 4066: 249. TL: Brazil (Maranhão, Acailandia). Holotype (♀): VBC.

cacaulandiae Razowski & Becker, 2016 (*Acailandica*), Zootaxa 4066: 253. TL: Brazil (Rondônia, Cacaulandia). Holotype (♂): VBC.

hilara Razowski & Becker, 2016 (*Acailandica*), Zootaxa 4066: 250. TL: Brazil (Pará, Capitão Poco). Holotype (♀): VBC.

maja Razowski & Becker, 2016 (*Acailandica*), Zootaxa 4066: 249. TL: Brazil (Pará, Belem). Holotype (♀): VBC.

Adoxophyes

mixtior Razowski, 2016 (*Adoxophyes*), Acta Zoologica Cracoviensia 59: 53. TL: Fiji (Nairayawa). Holotype (♂): USNM.

niuvudi Razowski, 2016 (*Adoxophyes*), Polskie Pismo Entomologiczne 85: 201. TL: Fiji (Vanua Levu, Niuvudi). Holotype (♂): BMNH.

vitilevu Razowski, 2016 (*Adoxophyes*), Polskie Pismo Entomologiczne 85: 200. TL: Fiji (Viti Levu, Nadarivatu). Holotype (♂): BMNH.

Ancylis

christiandiana Huemer & Wiesmair, 2016 (*Ancylis*), Zootaxa 4178: 364. TL: Austria (Kärnten Griffen, Griffner See). Holotype (♂): TLMF.

oregonensis Gilligan & Huemer, 2016 (*Ancylis*), Zootaxa 4178: 362. TL: USA (Oregon, Klamath Co., Crescent Lake). Holotype (♂): USNM.

saliana Gilligan & Huemer, 2016 (*Ancylis*) Zootaxa 4178: 367. TL: USA (Florida, Putnam Co., Palatka). Holotype (♂): MEM.

Acanthoclita

expulsa Razowski, 2016 (*Acanthoclita*), Acta Zoologica Cracoviensia 59: 73. TL: Fiji (Nairayawa). Holotype (♂): USNM.

Archiphlebia

gilva Horak & Komai, 2016 (*Archiphlebia*), Zootaxa 4179: 467. TL: Australia (Western Australia, 21 km WSW of Collie). Holotype (♂): ANIC.

Atriscripta

strigata Razowski, 2016 (*Atriscripta*), Polskie Pismo Entomologiczne 85: 203. TL: Fiji (Niuvudi Levu). Holotype (♂): BMNH.

Coenobiodes

rubrogrisea Razowski, 2016 (*Coenobiodes*), Acta Zoologica Cracoviensia 59: 55. TL: Fiji (Nairayawa). Holotype (♂): USNM.

vitiae Razowski, 2016 (*Coenobiodes*), Polskie Pismo Entomologiczne 85: 212. TL: Fiji (Viti Levu, Nadarivatu). Holotype (♂): BMNH.

Cosmetra

fibigeri Aarvik, 2016 (*Cosmetra*), Zootaxa 4088: 249. TL: Uganda (Rakai District, Sango Bay, Malamigambo Forest). Holotype (♂): NHMO.

juu Aarvik, 2016 (*Cosmetra*), Zootaxa 4088: 255. TL: Kenya (Rift Valley Province, Mt. Longonot). Holotype (♂): NHMO.

larseni Aarvik, 2016 (*Cosmetra*), Zootaxa 4088: 247. TL: Kenya (Rift Valley Province, Gilgil). Holotype (♂): NHMO.

multidentana Aarvik, 2016 (*Cosmetra*), Zootaxa 4088: 250. TL: Tanzania (Iringa Reg., Mufindi District, Kigogo Forest). Holotype (♂): NHMO.

truncana Aarvik, 2016 (*Cosmetra*), Zootaxa 4088: 249. TL: Malawi (Mulanje Mts., Chambe Hut). Holotype (♂): NHMO.

usambarensis Aarvik, 2016 (*Cosmetra*), Zootaxa 4088: 254. TL: Tanzania (Tanga, Usambara Mt., Magamba, 17 km NW Lushoto). Holotype (♂): NHMO.

Cryptophlebia

caulicola Horak & Komai, 2016 (*Cryptophlebia*), Zootaxa 4179: 456. TL: Australia (Queensland, Atherton). Holotype (♂): ANIC.

emphyla Razowski, 2016 (*Cryptophlebia*), Acta Zoologica Cracoviensia 59: 72. TL: Fiji (Nairayawa). Holotype (♂): USNM.

ferrugulla Razowski, 2016 (*Cryptophlebia*), Polskie Pismo Entomologiczne 85: 220. TL: Fiji (Viti Levu, Suva). Holotype (♂): BMNH.

stigmata Horak & Komai, 2016 (*Cryptophlebia*), Zootaxa 4179: 464. TL: Australia (New South Wales, Homestead Gorge, Mootwingee National Park). Holotype (♂): ANIC.

wraggae Horak & Komai, 2016 (*Cryptophlebia*), Zootaxa 4179: 454. TL: Australia (Queensland, 10 km SSE of Yeppoon). Holotype (♂): ANIC.

Cydia

pelione Trematerra & Colacci, 2016 (*Cydia*), Redia 99: 71. TL: Greece (Magnisia, Pelion, Portaria). Holotype (♂): Trematerra Collection.

Daedaluncus

fijiensis Razowski, 2016 (*Daedaluncus*), Polskie Pismo Entomologiczne 85: 210. TL: Fiji (Viti Levu, Suva). Holotype (♂): BMNH.

Dichelopa

lamii Razowski, 2016 (*Dichelopa*), Acta Zoologica Cracoviensia 59: 55. TL: Fiji (South Pacific Bible College, 14 km W Lami). Holotype (♀): USNM.

litota Razowski, 2016 (*Dichelopa*), Acta Zoologica Cracoviensia 59: 54. TL: Fiji (South Pacific Bible College, 14 km W Lami). Holotype (♂): USNM.

Dichrorampha

sakartvelana Zlatkov, 2016 (*Dichrorampha*), Nota Lepidopterologica 39: 17. TL: Georgia (Great Caucasus Mountains, Caucasus Range, near Abano pass). Holotype (♀): BFUS (Zoological Collection of Sofia University St. Kliment Ohridski, Faculty of Biology, Bulgaria).

Dudua

lamiana Razowski, 2016 (*Dudua*), Acta Zoologica Cracoviensia 59: 57. TL: Fiji (South Pacific Bible College, 14 km W Lami). Holotype (♀): USNM.

Durangularia

Durangularia Gilligan & Brown, 2016, Journal of the Lepidopterists' Society 70: 140. Type species: *Tortrix druana* Walsingham, 1914. [Tortricinae: Cochylini]

giganteana Gilligan & Brown, 2016 (*Durangularia*), Journal of the Lepidopterists' Society 70: 143. TL: Costa Rica (San José, Estación Cuerici, Sendero al Mirador, 4.6 km al E. de Villa Mills). Holotype (♂): INBio.

Eccoptocera

bidolon Razowski, 2016 (*Eccoptocera*), Acta Zoologica Cracoviensia 59: 69. TL: Fiji (South Pacific Bible College, 14 km W Lami). Holotype (♀): USNM.

platamon Razowski, 2016 (*Eccoptocera*), Polskie Pismo Entomologiczne 85: 216. TL: Fiji (Nadarivatu). Holotype (♂): BMNH.

Endothenia

apotomisana Trematerra & Colacci, 2016 (*Endothenia*), Redia 99: 71. TL: Greece (Magnisia, Pelion, Drakia). Holotype (♂): Trematerra Collection.

Epinotia

prepuncus Razowski, 2016 (*Epinotia*), Polskie Pismo Entomologiczne 85: 208. TL: Fiji (Viti Levu, Suva). Holotype (♂): BMNH.

Epitrichosma

metretoma Razowski, 2016 (*Epitrichosma*), Acta Zoologica Cracoviensia 59: 50. TL: Fiji (Nairayawa). Holotype (♂): USNM.

Eumarozia

atrotincta Razowski & Becker, 2016 (*Eumarozia*), Polskie Pismo Entomologiczne 85: 21. TL: Brazil (São Paulo, Bartioga). Holotype (♂): VBC.

Fansipaniana

tamdaoensis Heppner & Bae, 2016 (*Fansipaniana*), Zootaxa 4097: 135. TL: Vietnam (Vinh Phuc Province, Tam Dao). Holotype (♂): FSCA/MGCL.

Grapholita

trossula Razowski, 2016 (*Grapholita*), Acta Zoologica Cracoviensia 59: 73. TL: Fiji (South Pacific Bible College, 14 km W Lami). Holotype (♂): USNM.

Helictophanes

saccifera Razowski, 2016 (*Helictophanes*), Polskie Pismo Entomologiczne 85: 206. TL: Fiji (Viti Levu, Nadarivatu). Holotype (♂): BMNH.

Herpystis

spinoa Razowski, 2016 (*Herpystis*), Polskie Pismo Entomologiczne 85: 218. TL: Fiji (Viti Levu, Suva). Holotype (♂): BMNH.

sunia Razowski, 2016 (*Herpystis*), Polskie Pismo Entomologiczne 85: 218. TL: Fiji (Viti Levu, Suva). Holotype (♂): BMNH.

Icelita

grossoperas Razowski, 2016 (*Icelita*), Acta Zoologica Cracoviensia 59: 70. TL: Fiji (South Pacific Bible College, 14 km W Lami). Holotype (♂): USNM.

Ipamerica

Ipamerica Razowski & Becker, 2016, Zootaxa 4066: 254. Type species: *Ipamerica auctuncus* Razowski & Becker, 2016. [Olehreutinae: Grapholitini]

auctuncus Razowski & Becker, 2016 (*Ipamerica*), Zootaxa 4066: 254. TL: Brazil (Goias, Ipameri) Holotype (♂): VBC.

Labidosa

angolana Razowski, 2016 (*Labidosa*), Polskie Pismo Entomologiczne 85: 234. TL: Angola. Holotype (♀): RMCA.

fontainei Razowski, 2016 (*Labidosa*), Polskie Pismo Entomologiczne 85: 231. TL: Belgian Congo (Uele, Paulis). Holotype (♀): RMCA.

spania Razowski, 2016 (*Labidosa*), Polskie Pismo Entomologiczne 85: 232. TL: Kenya (Kakamega Forest). Holotype (♂): RMCA

Leurogyia

fijiensis Razowski, 2016 (*Leurogyia*), Acta zoologica Cracoviensia 59: 50. TL: Fiji (Pacific Harbor, golf course). Holotype (♂): USNM.

Lobesia

uncata Razowski & Becker, 2016 (*Lobesia*), Polskie Pismo Entomologiczne 85: 16. TL: Costa Rica (Cartago, Turrialba). Holotype (♂): VBC.

Loboschiza

bisulca Anan & Pinkaew, 2016 (*Loboschiza*), Zootaxa 4109: 85. TL: Thailand (Nakhon Nayok Province, Khao Yai National Park). Holotype (♂): KKIC.

cambodiensis Heppner & Bae, 2016 (*Loboschiza*), Zootaxa 4169: 171. TL: Cambodia (Kep Province, Kep). Holotype (♂): INUC.

flavobasis Heppner & Bae, 2016 (*Loboschiza*), Zootaxa 4169: 175. TL: Vietnam (Ba Be National Park). Holotype (♂): FSCA/MGCL.

lunata Anan & Pinkaew, 2016 (*Loboschiza*), Zootaxa 4109: 87. TL: Thailand (Nakhon Si Thammarat Province, Khao Nan National Park). Holotype (♂): KKIC.

oxybela Razowski, 2016 (*Loboschiza*), Polskie Pismo Entomologiczne 85: 206. TL: Fiji (Vanua Levu, Savusavy). Holotype (♂): BMNH.

spiniforma Anan & Pinkaew, 2016 (*Loboschiza*), Zootaxa 4109: 84. TL: Thailand (Chanthaburi Province, Khao Khitchakut National Park). Holotype (♂): KKIC.

subrectangula Anan & Pinkaew, 2016 (*Loboschiza*), Zootaxa 4109: 87. TL: Thailand (Nakhon Ratchasima Province, Sakaerat ERS). Holotype (♂): KKIC.

Metaselena

russata Razowski, 2016 (*Metaselena*), Acta Zoologica Cracoviensia 59: 58. TL: Fiji (Nairayawa). Holotype (♂): USNM.

ruborata Razowski, 2016 (*Metaselena*), Acta Zoologica Cracoviensia 59: 59. TL: Fiji (South Pacific Bible College, 14 km W Lami). Holotype (♂): USNM.

Mimperiphoeba

Mimperipheoba Razowski, 2016, Acta Zoologica Cracoviensia 59: 60. Type species: *Mimperiphoeba opaca* Razowski, 2016. [Olethretinae: Enarmoniini]

opaca Razowski, 2016 (*Mimperiphoeba*), Acta Zoologica Cracoviensia 59: 61. TL: Fiji (South Pacific Bible College, 14 km W Lami). Holotype (♂): USNM.

Nairips

Nairips Razowski, 2016, Acta Zoologica Cracoviensia 59: 51. Type species: *Nairips mastrus* Razowski, 2016. [Tortricinae: Archipini]

mastrus Razowski, 2016 (*Nairips*), Acta Zoologica Cracoviensia 59: 52. TL: Fiji (Nairayawa). Holotype (♂): USNM.

Noduliferola

cothovalva Razowski, 2016 (*Noduliferola*), Acta Zoologica Cracoviensia 59: 66. TL: Fiji (Nairayawa). Holotype (♂): USNM.

transiens Razowski, 2016 (*Noduliferola*), Acta Zoologica Cracoviensia 59: 67. TL: Fiji (Nairayawa). Holotype (♀): USNM.

Omiostola

longimacula Razowski & Becker, 2016 (*Omiostola*), Polskie Pismo Entomologiczne 85: 372. TL: Ecuador (Tungurahua, Rio Verde). Holotype (♂): VBC.

macella Razowski & Becker, 2016 (*Omiostola*), Polskie Pismo Entomologiczne 85: 375. TL: Cuba (Pinar del Río, Sierra Rosario). Holotype (♂): VBC.

manca Razowski & Becker, 2016 (*Omiostola*), Polskie Pismo Entomologiczne 85:

374. TL: Brazil (Rio de Janeiro, Nova Friburgo). Holotype (♂): VBC.

paragerda Razowski & Becker, 2016 (*Omiostola*), Polskie Pismo Entomologiczne 85: 373. TL: Brazil (Mato Grosso, Chapada dos Guimaraes). Holotype (♂): VBC.

Paratoonavora

Paratoonavora Razowski, 2016, Acta Zoologica Cracoviensia 59: 61. Type species: *Paratoonavora scalpta* Razowski, 2016. [Olethreutinae: Enarmoniini]

scalpta Razowski, 2016 (*Paratoonavora*), Acta Zoologica Cracoviensia 59: 62. TL: Fiji (South Pacific Bible College, 14 km W Lami). Holotype (♂): USNM.

Peraglyphis

eida Razowski, 2016 (*Peraglyphis*), Acta Zoologica Cracoviensia 59: 51. TL: Fiji (Nairayawa). Holotype (♂): USNM.

Pseudancylis

bisignum Razowski, 2016 (*Pseudancylis*), Acta Zoologica Cracoviensia 59: 62. TL: Fiji (Nairayawa). Holotype (♀): USNM.

Rhopobota

ochyra Razowski, 2016 (*Rhopobota*), Acta Zoologica Cracoviensia 59: 65. TL: Fiji (South Pacific Bible College, 14 km W Lami). Holotype (♂): USNM.

Satronia

catharma Razowski & Becker, 2016 (*Satronia*), Polskie Pismo Entomologiczne 86: 112. TL: Brazil (Minas Gerais, Nova Lima). Holotype (♂): VBC.

laepha Razowski & Becker, 2016 (*Satronia*), Polskie Pismo Entomologiczne 86: 116. TL: Brazil (Santa Catarina, Brusque). Holotype (♂): VBC.

lita Razowski & Becker, 2016 (*Satronia*), Polskie Pismo Entomologiczne 86: 115. TL: Costa Rica (Cartago, Turrialba). Holotype (♂): VBC.

mantissa Razowski & Becker, 2016 (*Satronia*), Polskie Pismo Entomologiczne 86: 113. TL: Brazil (Santa Catarina, São Joaquim). Holotype (♂): VBC.

mesaea Razowski & Becker, 2016 (*Satronia*), Polskie Pismo Entomologiczne 86: 114. TL: Brazil (Goias, Paraiso). Holotype (♂): VBC.

pentha Razowski & Becker, 2016 (*Satronia*), Polskie Pismo Entomologiczne 85: 170. TL: Costa Rica (Cartago, Turrialba). Holotype (♂): VBC.

pheidologeton Razowski & Becker, 2016 (*Satronia*), Polskie Pismo Entomologiczne 86: 117. TL: Brazil (Rio de Janeiro, Marica). Holotype (♂): VBC.

priva Razowski & Becker, 2016 (*Satronia*), Polskie Pismo Entomologiczne 85: 111. TL: Brazil (Distrito Federal). Holotype (♂): VBC.

sesops Razowski & Becker, 2016 (*Satronia*), Polskie Pismo Entomologiczne 86: 113. TL: Brazil (Alagoas, Ibateguara). Holotype (♂): VBC.

sinuata Razowski & Becker, 2016 (*Satronia*), Polskie Pismo Entomologiczne 86: 117. TL: Brazil (Distrito Federal, Planaltina). Holotype (♂): VBC.

Sirindhorni

emmeli Heppner & Bae, 2016 (*Sirindhornia*), Zootaxa 4173: 390. TL: Vietnam (Ninh Binh Province, Cuc Phuong National Park, Mac Lake). Holotype (♂): FSCA/MGCL.

ninhbinhensis Heppner & Bae, 2016 (*Sirindhornia*), Zootaxa 4173: 394. TL: Vietnam (Ninh Binh Province, Cuc Phuong National Park, Mac Lake). Holotype (♂): FSCA/MGCL.

Spilonota

lygaeae Razowski, 2016 (*Spilonota*), Acta Zoologica Cracoviensia 59: 68. TL: Fiji (Nairayawa). Holotype (♀): USNM.

oligospina Razowski, 2016 (*Spilonota*), Polskie Pismo Entomologiczne 85: 214. TL: Fiji (Taveuni). Holotype (♂): BMNH.

pachyspina Razowski, 2016 (*Spilonota*), Acta Zoologica Cracoviensia 59: 67. TL: Fiji (South Pacific Bible College, 14 km W Lami). Holotype (♂): USNM.

Strepsicrates

rotundata Razowski, 2016 (*Strepsicrates*), Polskie Pismo Entomologiczne 85: 215. TL: Fiji (Viti Levu, Nadarivatu). Holotype (♂): BMNH.

Syncratus

nairayawae Razowski, 2016 (*Syncratus*), Acta Zoologica Cracoviensia 59: 49. TL: Fiji (Nairayawa). Holotype (♂): USNM.

Tambitnotia

peruviana Heppner & Bae, 2016 (*Tambitnotia*), Zootaxa 4196: 446. TL: Peru (Department Junín, Pampa Hermosa Lodge, 21 km N San Ramon). Holotype (♂): FSCA/MGCL.

Thaumatotibia

grammica Razowski, 2016 (*Thaumatotibia*), Acta Zoologica Cracoviensia 59: 71. TL: Fiji (Nairayawa). Holotype (♂): USNM.

maculata Horak & Komai, 2016 (*Thaumatotibia*), Zootaxa 4179: 473. TL: Australia (Queensland, Mount Webb National Park). Holotype (♂): ANIC.

Tritopterna

cnephata Razowski, 2016 (*Tritopterna*), Acta Zoologica Cracoviensia 59: 65. TL: Fiji (South Pacific Bible College, 14 km W Lami). Holotype (♂): USNM.

rakiraki Razowski, 2016 (*Tritopterna*), Polskie Pismo Entomologiczne 85: 213. TL: Fiji (Viti Levu, Rakiraki). Holotype (♂): BMNH.

Zeiraphera

subvirinea Byun & Shin, 2016 (*Zeiraphera*), Journal of Asia-Pacific Biodiversity 9: 26. TL: North Korea (Channpay Plateau, Samjiyeon, Yanggang-do). Holotype (♂): HNHM.

Zomaria

dyscripta Razowski & Becker, 2016 (*Zomaria*), Polskie Pismo Entomologiczne 85: 22. TL: Cuba (Holguin, Pinares de Mayari). Holotype (♂): VBC.

NEW COMBINATIONS, NEW SYNONYMIES, MISSPELLINGS, ETC.

amblyopa Clarke, 1976 (*Cryptophlebia*), synonymized with *iridosoma* (Horak & Komai 2016)

baboquavariana Kearfott, 1907 (*Tortrix*), transferred to *Hyptiharpa* (Brown 2016)

boreana Krogerus, 1946 (*Apotomis*), elevated to species level (Nedoshivina 2016)

carbonana Heinrich, 1923 (*Ancylis*), synonymized with *uncella* [Denis & Schiffermüller] (Gilligan et al. 2016)

castorana McDunnough, 1922 (*Argyroploce*), synonymized with *bipunctana* (Fabricius) (Nedoshivina 2016)

Cenobiodes; Razowski, 2016: 212, misspelling of *Ceonobiodes* (Razowski 2016)

cerioschema Meyrick, 1929 (*Homona*), transferred to *Labidosa* (Razowski 2016)

comptana Walker, 1863 (*Carpocapsa*), transferred to *Acailandica* (Razowski & Becker 2016)

cuspidana Treitschke, 1830 (*Phoxopteris*), synonymized with *diminutana* Haworth (Gilligan et al. 2016)

cyanombra Meyrick, 1939 (*Homona*), transferred to *Labidosa* (Razowski 2016)

defluxana Walker, 1863 (*Carpocapsa*), elevated to species level (Razowski & Becker 2016)

diminuatana Kearfott, 1905 (*Ancylis*), elevated to species level (Gilligan et al. 2016)

druana Walsingham, 1914 (*Tortrix*), transferred to *Durangularia* (Gilligan & Brown 2016)

gordiana Kennel, 1919 (*Phiaris*), synonymized with *obsoletana* Zetterstedt (Nedoshivina 2016)

hyeroglypha Razowski & Wojtusiak, 2009 (*Statherotis*), transferred to *Ophiorrhabda* (Razowski & Becker 2016)

hypostas Razowski, 1992 (*Hyptiharpa*), synonymized with *baboquavariana* Kearfott (Brown 2016)

macrotrachela Meyrick, 1922 (*Omiostola*), synonymized with *hemeropis* Dognin (Razowski & Becker 2016)

melanaspis Meyrick, 1927 (*Episimus*), transferred to *Omiostola* (Razowski & Becker 2016)

minaki McDunnough, 1929 (*Argyroploce*), synonymized with *dissolutana* Stange (Nedoshivina 2016)

mucronata Razowski & Wojtusiak, 2012 (*Cosmetra*), synonymized with *spiculifera* Meyrick (Aarvik 2016)

myriodesma Meyrick, 1926 (*Homona*) transferred to *Labidosa* (Razowski 2016)

neka Razowski & Brown, 2009 (*Cosmetra*), synonymized with *tumulata* Meyrick (Aarvik 2016)

pivanica Dualolov, Bogunova & Nedoshivina, 2014 (*Olethreutes*), transferred to *Argyroploce* (Nedoshivina 2016)

polyarcha Meyrick, 1924 (*Homona*), transferred to *Labidosa* (Razowski 2016)

pyrozona Meyrick, 1916 (*Laspeyresia*), transferred to *Acailandica* (Razowski & Becker 2016)

roborata; Razowski 2016: 47, misspelling of *ruborata* Razowski (Razowski 2016)

subtilana Felder & Rogenhofer, 1875 (*Grapholitha*) transferred to *Acailandica* (Razowski & Becker 2016)

tepkhara Nedoshivina & Budashkin, 2010 (*Olethreutes*), transferred to *Phiaris* (Nedoshivina 2016)

tumulata Meyrick, 1908 (*Cydia*), transferred to *Cosmetra* (Aarvik 2016)

subarcuana Douglas, 1874 (*Anchylopera*), elevated to species level (Gilligan et al. 2016)

symmetra Meyrick, 1918 (*Cacoecia*) transferred to *Labidosa* (Razowski 2016)

varablancana Razowski & Brown, 2010 (*Episimus*), transferred to *Omiostola* (Razowski & Becker 2016)

verucha Nedoshivina & Zolotuhin, 2005 (*Pelatea klugiana*), elevated to species level (Nedoshivina 2016)

LITERATURE IN SUPPORT OF TAXONOMIC CHANGES

Aarvik, L. 2016. Redefinition and revision of African *Cosmetra* Diakonoff, 1977 (Lepidoptera: Tortricidae) with description of six new species. Zootaxa 4088 (2): 245–256.

Anan, S., Dokchan, P., Pinkaew, N. 2016. *Loboschiza* Diakonoff (Lepidoptera: Tortricidae) from Thailand with descriptions of four new species. Zootaxa 4109: 81–88.

Brown, J. W. 2016. A new generic assignment for *Tortrix baboquavariana* Kearfott, 1907 (Lepidoptera: Tortricidae) with comments on its tribal assignment. Journal of the Lepidopterists' Society 70 (2): 173–175.

Gilligan, T. M., Brown, J. W. 2016. A new genus for *Tortrix druana* Walsingham, 1914 and a new species from the northern Neotropics (Lepidoptera: Tortricidae: Cochylini: Euliina). Journal of the Lepidopterists' Society 70 (2): 139–144.

Gilligan, T., Huemer, P., Wiesmair, B. 2016. Different continents, same species? Resolving the taxonomy of some Holarctic *Ancylis* Hübner (Lepidoptera: Tortricidae). Zootaxa 4178(3): 347–370.

Heppner, J. B., Bae, Y.-S. 2016. A new species of *Fansipaniana* from northern Vietnam (Lepidoptera: Tortricidae: Olethreutinae: Olethreutini). Zootaxa 4097: 135–138.

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TRACKING OUR TAXONOMIC PROGRESS, 2005–2016

Below is a brief assessment of the number of new species and genera described in Tortricidae since 2005. The number of new taxa in 2016 is the lowest in over 20 years, with fewer than 100 new species. In regards to geographic trends, 43% of the new species are from two papers by Józef Razowski on the tortricids of Fiji; about 25% of the new species are from the Neotropical Region; and about 10% from the Afrotropical Region.

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 speices	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

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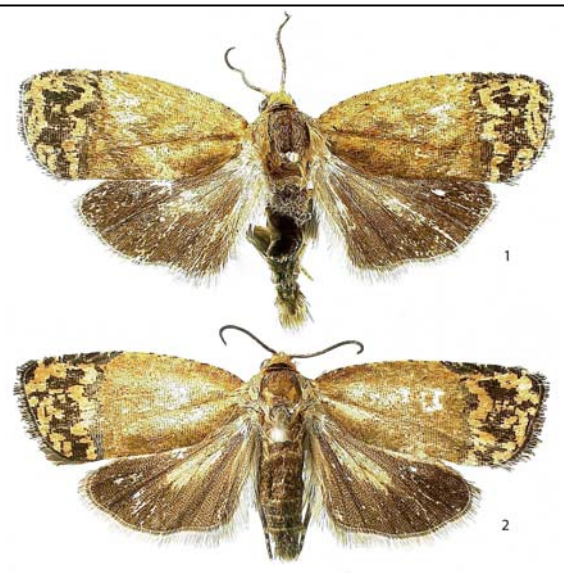
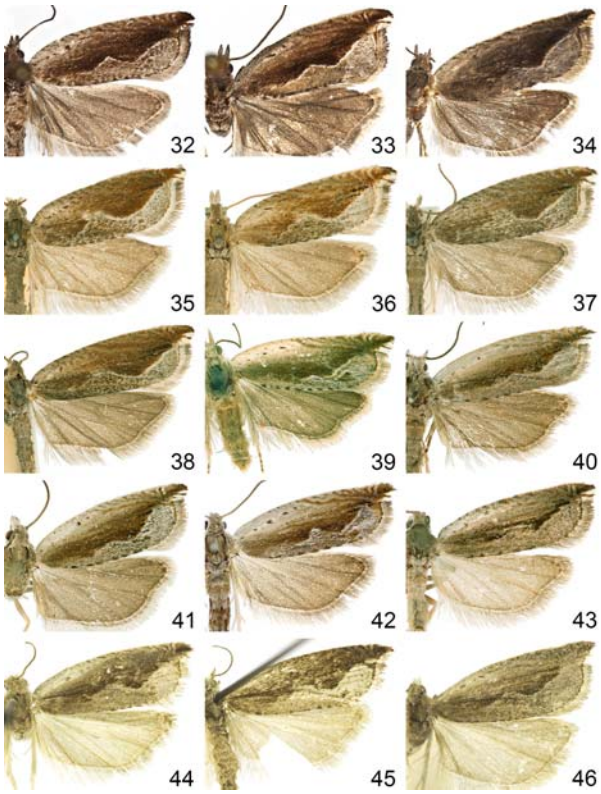


FIGURES 1–2. *Loboschiza cambodiensis* n. sp.
1. Male holotype (11.3 mm wingspan); 2. Female paratype (11.6 mm wingspan), Cambodia. From Heppner & Bae 2016.



FIGURES 32–46. Adults. 32–34, *A. christiandiana* (Austria). 35–38, *A. diminutana* (Germany); 39–43, *A. diminuatana* (39, New Jersey, holotype; 40, Ohio; 41, Nebraska; 42, Manitoba; 43, Washington). 44–46, *A. diminuatana* complex (44, Washington; 45, Colorado; 46, Alaska). From Gilligan et al. 2016.