

2025 Update for the Checklist of the Oxypeltidae, Vesperidae, Disteniidae and Cerambycidae of the
Western Hemisphere (references through December 2024)

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Serge Laplante, Quebec, Canada
provided extensive updates and corrections to the checklist.
These changes are included at the end of this document,
and they are incorporated into the associated Master Checklist document

Disteniidae

Novantinoe

pilithorax Lingafelter, 2024: 3 new species

Dominican Republic
(Pedernales, San Juan)

Prioninae

Prionini

Braderochus

bezarki Delahaye, 2022: 1 new species

Panama (Panama)

Cerambycinae

Achrysonini

Enosmaeus

cubanus Thomson, 1878: 10

miserum Thomson, 1878: 8 new synonymy (from *Ceresium*; originally *Smodicum*)

Callichromatini

Mionochroma

complanatum Nascimento, Botero & Santos-Silva, 2024: 2 new species

Brazil (Roraima)

Plinthocoelium

virens (Linnaeus, 1758: 391)

domingoensis Fisher, 1922: 52 new synonymy

Cerambycini

Coleoxestia

duraneli Audureau, Tavakilian & Neouze, 2024: 69 new species

guyanensis Audureau, Tavakilian & Neouze, 2024: 49 new species

sylvainae Audureau, Tavakilian & Neouze, 2024: 65 new species

French Guiana (Saul, Kaw)

French Guiana (Regina, Kaw, Approuague)

French Guiana (Sinnamary, Kaw,
Approuague, Trinite, Belizon)

Clytini

Mecometopus

wallacei (White, 1855: 259)
cauaburi Martins & Galileo, 2011: 210 new synonymy

Dichophyiini

Plectrocerum

baracoana (Zayas, 1975: 162) new combination (from Rhopalophora)
spinicorne (Olivier, 1800: 68)
cribratum Salle, 1856: 689 new synonymy
woodruffi Lingafelter, 2024: 25 new species Dominican Republic (Puerto Plata)

Pseudothoalmus

bicolor (Salle, 1856: 687) new combination (from Trichrous) Dominican Republic

Trichrous

eryphoides Lingafelter, 2024: 19 new species Dominican Republic (Pedernales)
jaegeri Chevrolat, 1858: 211
bicolor Fisher, 1932: 70 Preoccupied, primary homonym of Trichrous bicolor Sallé, 1856, new synonymy
fisheri Monné and Giesbert 1992: 251. New name for Trichrous bicolor Fisher, 1932, new synonymy

Eburiini

Eburia

pirkli Lingafelter, Touroult & Hodecek, 2024: 2 new species Dominican Republic (Pedernales)

Eburiola

ciferrii Lingafelter, 2024: 7 new species Dominican Republic (San Juan)
geminata (Fabricius, 1787: 44)
hispaniolae Fisher, 1932: 72 new synonymy (from Heterops)
konstantinovi Lingafelter, 2024: 9 new species Dominican Republic (Pedernales, Barahona)

Elaphidiini

Elaphidion

jaragua Lingafelter, 2024: 11 new species Dominican Republic (Pedernales)

Linsleyonides

guerreroi Lingafelter, 2024: 13 new species Dominican Republic (Pedernales)

Psyrassa

linei Garcia & Santos-Silva, 2024: 450 replacement name for P. wappesi Garcia & Santos-Silva, 2022
peninsularis Santos-Silva, Botero & Perez-Flores, 2024: 203 new species Mexico (Quintana Roo)

Hesperophanini

Piezosecus

Martins & Galileo, 2003: 225 transferred from Piezocerini
tymaiuba Martins & Galileo, 2003: 226 Brazil (MG, SP, ES)

Oemini

Limernaea

ochracea (Fisher, 1927: 23)
glabricollis Chemsak & Linsley, 1964: 218 new synonymy (from *Haplidus*)

Mexico (CHS), Costa Rica, Panama, Colombia

Piezocerini

Haruspex

bivittis White, 1855: 220
ornatus Bates, 1870 : 281 new synonymy

Rhinotragini

Katerinaella

boliviensis Vlasak & Santos-Silva, 2024: 442 new species

Bolivia (Santa Cruz)

Rhopalophorini

Dihammaphora

aurea Ferreira & Mermudes, 2024: 2 new species
cruzi Ferreira & Mermudes, 2024: 4 new species

Honduras (Atlantida)
Brazil (Mato Grosso do Sul)

Tillomorphini

Calliclytus

Lamproclytus Fisher, 1932: 67 new synonymy
biguttatus (Salle, 1856: 688) new combination (from *Callidium*)
elegans (Fisher, 1932: 68) new combination (from *Lamproclytus*)
oakleyi Fisher 1935: 52
wappesi Miroshnikov, 2020: 262 new species

Dominican Republic (Azua, Pedernales)

Dominican Republic (San Pedro)

Trachyderini

Cyphosterna

Neotaranomis Chemsak & Linsley, 1982: 71 new synonymy
atropurpureum (Chemsak & Noguera, 2001: 51) new comb. (from *Neotaranomis*)
quadrilineatum Chevrolat, 1862: 757
australis Chemsak & Linsley, 1982: 74 new synonymy
sinaloanum (Chemsak & Linsley, 1982: 72) new comb. (from *Neotaranomis*)

Honduras
Mexico (SO, CM, YU, SI, OA, CHS)

Mexico (SI, NA, JA, CHS)

Ischnocnemis

brevis Eya, 2024: 74 new species
edmundi Eya, 2024: 72 new species

Mexico (Michoacan, Guerrero)
Mexico (Chiapas)

Lophalia

nigricollis Eya, 2024: 27 new species

Mexico (Michoacan, Morelos)

Lophaliomorpha

Eya, 2024: 29 new genus
cribricollis (Bates, 1892: 179) new combination (from *Lophalia*)
luteicollis (Bates, 1885: 329) new combination (from *Ischnocnemis*)

Mannophorus

- laetus

LeConte, 1854: 442

cribellatus

Bates, 1892: 179 new synonymy (from *Ischnocnemis*)

minor

(Bates, 1880: 83) new combination (from *Ischnocnemis*)

tricastatus

Eya, 2024: 49 new species

virgulata virgulata

(Chemsak, 1987: 145) new combination (from *Chemsakiella*)

virgulata virescens

(Eya, 2010: 10) new combination (from *Ischnocnemis*)
- Mexico add VC

Mexico (Chiapas, Oaxaca)

Microteroschema Eya, 2024: 77 new genus

- parvum

Eya, 2024: 78 new species
- pseudolaetum

Eya, 2024: 80 new species

Mexico (Chiapas)

Mexico (Oaxaca)

Paramannophorus Eya, 2024: 51 new genus

- skillmanni

(Chemsak & Hovore in Eya, 2010: 7) new combination (from *Ischnocnemis*)

Zalophia

- auricomis

(Chemsak & Linsley, 1979: 267) new combination (from *Lophalia*)

Sphaenothecus

- cylindricollis

(Casey, 1924: 267) revalidated

Arizona, Mexico (Sonora)

Tropidini (Compsina)

Hormathus

- albisetosus

Lingafelter, 2024: 18 new species

Dominican Republic (Pedernales, San Juan)

Tropidini (Neoibidionina)

Compsibidion

- iviei

Lingafelter, 2024: 16 new species
- volcanensis

Vlasak & Santos-Silva, 2024: 2 new species

Dominican Republic (Pedernales)

Bolivia (Santa Cruz)

incertae sedis

Parahephaeston

- mimicus

Ferreira, Correa, Monné & Monné, 2014: 292 new species

Brazil (Minas Gerais)

Lamiinae

Acanthocinini

Anisopodus

- patawaensis

Roguet, 2024: 45 new species
- pseudostrigosus

Roguet, 2024: 46 new species

French Guiana (Kaw)

French Guiana (Kaw, Montsinery)

Carphina

- mimicavus

(Carelli, Monné & Machado, 2013: 256) new combination

Bolivia (Santa Cruz)

Cosmotoma

- venustulum

Chevrolat 1844: 269 revalidated in 2020

Costa Rica, Panama, nSouth America

Embera Santos-Silva & Botero, 2024: 7 new genus	
flava Santos-Silva & Botero, 2024: 9 new species	Panama (Veraguas)
Eucharitolus	
tomazi Monné et al, 2024: 353 new species	Brazil (Sao Paolo)
Eutrichillus	
x-fasciatus Santos-Silva et al, 2024: 18 new species	Mexico (Nayarit)
Hermaphroditus Santos-Silva et al, 2024: 9 new genus	
flavomadefactus Santos-Silva et al, 2024: 10 new species	Costa Rica (PU), Panama (Panama)
Hyperplatys	
auriantus Santos-Silva & Pérez-Flores, 2024: 21 new species	Brazil (Sao Paulo, Mato Grosso do Sul, Rio de Janeiro), Argentina (Buenos Aires), Paraguay (Asuncion)
bolivari Santos-Silva & Pérez-Flores, 2024: 2 new species	Bolivia (Santa Cruz)
carinatus Santos-Silva & Pérez-Flores, 2024: 9 new species	Bolivia (Santa Cruz, Cochabamba)
c-fasciatum Santos-Silva & Pérez-Flores, 2024: 13 new species	Bolivia (Santa Cruz)
nigromaculatus Santos-Silva & Pérez-Flores, 2024: 16 new species	Bolivia (Santa Cruz)
striatus Vlasak & Santos-Silva, 2024: 5 new species	Ecuador (Loja)
vilcabambaensis Vlasak & Santos-Silva, 2024: 9 new species	Ecuador (Loja)
y-maculatum Santos-Silva & Pérez-Flores, 2024: 5 new species	Bolivia (Santa Cruz)
zaragozai Santos-Silva & Pérez-Flores, 2024: 18 new species	Mexico (Chiapas, Veracruz)
Polymitoleiopus Lepesme & Breuning, 1955: 96 elevated from subgenus (includes 44 Old World species)	
<i>Urgleptes</i> Dillon, 1956: 332 new synonymy results in 99 new combinations: see website	
Paraphelileiopus Lepesme & Breuning, 1955: 96 elevated from subgenus (2 Old World species)	
Jordanoleiopus Lepesme & Breuning, 1955: 9 valid genus (10 Old World species)	
Leptocometes	
rectangulus Vlasak, Santos-Silva & Bezark, 2024: 2 new species	Ecuador (Imbabura, Pichincha, Napo)
Leptostylus	
arcuatus Santos-Silva & Bezark, 2024: 169 new species	Costa Rica (Alajuela)
cineraceus Bates, 1874: 230	Mexico (VC), Honduras, Guatemala-Costa Rica
<i>albicinctus</i> Bates, 1885: 388 new synonymy	
densepunctatus Botero, Perez-Flores & Santos-Silva, 2014: 198 new species	Mexico (Guerrero)
flavolineatus Perez-Flores et al. 2024: 50 new species	Mexico (Tamaulipas)
wappesi Botero, Perez-Flores & Santos-Silva, 2014: 194 new species	Honduras (F Morazan)
Lepturdrys Gilmour, 1960: 47 reinstated	
novemlineata Gilmour, 1960: 48	Brazil (GO, BA, MG, SP, PR, SC), Bolivia (SC)
capixaba Monné et al., 2024: 361 new species	Brazil (ES, BA, SP, SC, MG)
Lepturges (Lepturges)	
consimilis Heffern & Santos-Silva, 2024: 202 new species	Costa Rica (PU), Panama (Chiriqui)
dubius Monné et al., 2024: 366 new species	Bolivia (Santa Cruz)
melzeri Gilmour, 1959: 7 original combination reinstated (from <i>Urgleptes</i>)	
<i>humilis</i> Melzer, 1935: 201	
ovalis Bates, 1866: 433 new combination from <i>Urgleptes</i>	
prolixus Melzer, 1931: 69 original combination revalidated (from <i>Urgleptes</i>)	Brazil (MG-RS)
vigneaulti Audureau, 2018: 19	
<i>brechlini</i> Santos-Silva et. al., 2019: 447 new synonymy	

Lophopoeum

kawense Roguet, 2022: 66
paiolai Monné et al., 2023: 469 new synonymy
patawaense Roguet, 2024: 80

French Guiana (Kaw)

Nealcidion

apunctatum Vlasak & Santos-Silva, 2024: 86 new species
hardyi Audureau & Bezark, 2024: 30 new species
lingafelteri Santos-Silva & Botero, 2024: 12 new species
zigzag Monné, et. al., 2024: 374 new species

eEcuador (Napo)
Panama (Chiriqui)
Costa Rica (Puntarenas)
Bolivia (Santa Cruz)

Oedopeza

hovorei Heffern & Santos-Silva, 2024: 210 new species
raberi Heffern & Santos-Silva, 2024: 205 new species

Panama (Panama)
Panama (Bocas del Toro)

Omorfia

Monné et. al., 2024: 357 new genus
geometrica (Tippmann, 1960: 198) new combination from *Eucharitolus*

Bolivia (SC), Peru

Oxathres

kawensis Roguet, 2024: 48 new species

French Guiana (Kaw)

Pseudastylopsis

aenigma Botero, Perez-Flores & Santos-Silva, 2014: 201 new species
morrisi Santos-Silva & Bezark, 2024: 174 new species
skillmani Santos-Silva, Botero & Perez-Flores, 2024: 207 new species

Mexico (Guerrero)
Honduras (Yoro)
Guatemala (Baja Verapaz)

Pseudosparna

rileyi Heffern, Nascimento & Santos-Silva, 2024: 252 new species

Panama (Chiriqui)

Quissunego

Santos-Silva & Bezark, 2024: 177 new genus
confusus Santos-Silva & Bezark, 2024: 178 new species

Bolivia (Santa Cruz)

Sporetus

boteroi Vlasak & Santos-Silva, 2024: 13 new species

Ecuador (Zamora-Chinchipe)

Stenolis

cooperi (Monné & Monné, 2017: 254) new combination (from *Sympagus*)

wEcuador

Sternacutus

cupelloi Heffern, Nascimento & Santos-Silva, 2024: 255 new species
similis Santos-Silva & Bezark, 2024: 181 new species

Panama (Panama Oeste)
Bolivia (Santa Cruz)

Trichalphus

Bates, 1881: 153
Trichastylopsis Dillon, 1956: 148 new synonymy
Leptostylus Horn, 1880: 119 (part)
albidus (LeConte, 1852: 168)
setipes Casey, 1891: 48
falli Linsley, 1934: 182
hoguei (Chemsak & Linsley, 1979: 141)
pilosus Bates, 1881: 153
plumeoventris (Linsley, 1934: 109) new combination from *Leptostylus*
sinuatus Perez-Flores et al. 2024: 59 new species
skillmani (Santos-Silva, Perez-Flores & Botero, 2024: 6) new species

swUSA

Mexico (Socorro Island)
Mexico, Guatemala, Honduras
Mexico (Tres Marias Islands)
Honduras (Nuevo Segovia)
Mexico (Jalisco. Michoacan)

Urgleptes
colibri Vlasak & Santos-Silva, 2024: 16 new species
vulcanensis Santos-Silva et al, 2024: 14 new species

Ecuador (Imbabura)
Bolivia (Santa Cruz)

Xenocona
nubicola Vlasak & Santos-Silva, 2024: 81 new species

eEcuador (Napo)

Acanthoderini

Plistonax
albicans Nascimento, Botero & Santos-Silva, 2024: 8 new species

Brazil (Acre)

Santossilvaicus Audureau, 2024: 149 new genus
mexicanus Audureau, 2024: 150 new species

Mexico (Coahuila)

Scythropopsis
roraimensis Nascimento, Botero & Santos-Silva, 2024: 5 new species

Brazil (Roraima)

Acrocinini

Oreodera
nearnsi Lingafelter, 2024: 30 new species

Dominican Republic (La Vega)

Aerenicini

Antodice
raberi Heffern, Nascimento & Santos-Silva, 2024: 258 new species

Panama (Ngäbe-Buglé)

Recchia
claudinae Dalens & Robin, 2024: 2 new species

French Guiana (Remire-Montjoly)

Anisocerini

Pachyforma Garcia & Vlasak, 2014: 595 new genus
rosacea Garcia & Vlasak, 2014: 598 new species

wEcuador Guayas)

Apomecynini

Acrepidopterum
fuscum Lingafelter, 2024: 32 new species
giesberti Lingafelter, 2024: 33 new species

Dominican Republic (Barahona)
Dominican Republic (San Pedro de Macoris)

Adetus
michoacanensis Perez-Flores & Altamirano, 2024: 337 new species
scissicauda (Bates, 1874: 225) reinstated
alboapicalis Breuning, 1943: 37 new synonymy

Mexico (Michoacán)
Mexico (GR), Nicaragua Panama,
Venezuela

Rosalba

cancelerensis Robin & Dalens, 2024: 1 new species
mathildae Robin & Dalens, 2024: 2 new species

French Guiana (Sinnamary)
French Guiana (Matoury)

Colobothini

Priscilla

dolosa Tavakilian, 2024: 61 new species

French Guiana (Sinnamary)

Desmiphorini

Alphinellus Bates, 1881 transferred from Acanthocinini

Estola

acirculata Bezark & Santos-Silva, 2024: 6 new species
adsimulata Bezark & Santos-Silva, 2024: 2 new species
apicomaculosa Vlasak & Santos-Silva, 2024: 19 new species
binigromaculata Roguet, 2024: 107 new species

eskolensis Roguet, 2024: 106 new species
flavomaculata Roguet, 2024: 101 new species

griseoapicalis Roguet, 2024: 104 new species

inermis Roguet, 2024: 110 new species

partebrunnea Roguet, 2024: 103 new species
touroulti Lingafelter, 2024: 34 new species

Ecuador (Loja)
French Guiana, Brazil (Pará Amapá)
Ecuador (Pinchincha)
French Guiana (Kaw, Roura, Coralie, Belizon)
French Guiana (Kaw)
French Guiana (Montsinery-Tonnegrande, Kaw, Saul, Roura)
French Guiana (Kaw, Belizon, Saul, Roura)
French Guiana (Kaw, Roura, Saint-Elie)
French Guiana (Kaw)
Dominican Republic (Espaillat)

Eupogonius

baorucensis Lingafelter, 2024: 36 new species
nigroapicalis Lingafelter, 2024: 37 new species

Dominican Republic (widespread)
Dominican Republic (La Vega)

Evrysoma Perez-Flores & Toledo, 2024: 2 new genus

cinereum Perez-Flores & Toledo, 2024: 3 new species

Mexico (Queretaro, San Luis Potosi)

Kuklimia Perez-Flores & Toledo, 2024: 4 new genus

balam Perez-Flores & Toledo, 2024: 6 new species

Mexico (Chiapas)

Hemilophini

Canarana

bipunctata Audureau, 2014: 105 new species

Peru (Ucayali)

Cirrhicera

sallei Thomson, 1857: 310
sallaei var. *panamensis* Bates, 1885: 429. new synonymy
vandenberghaei Heffern & Santos-Silva, 2024: 214 new species

Guatemala (Alta Verapaz)

Eranina

amaura Santos-Silva, Botero & Perez-Flores, 2024: 211 new species

Guatemala (Baja Verapaz)

Phoebella

queirozae Júnior, Souza & Monné, 2024: 59 new species

Brazil (Ceará)

Onciderini

Subtribes designated by Souza et al

Hypsiomatina (originally Hypsiomitae) Thomson, 1860: 4

Onciderina (originally Oncideritae) Thomson, 1860: 3

Hypselomus Perty, 1832: 95

Clytemnestra Thomson, 1861: 113 (part)

Jamesia Jekel, 1861: 259 new synonymy

Paraclytemnestra Breuning, 1974: 239

bellus (Galileo & Martins, 2003: 173) new combination

cristatus Perty, 1832: 96

tumulosus Thomson, 1861: 113

duofasciatus (Dillon & Dillon, 1952: 59) new combination

ericksoni (Hovore, 1989: 253) new combination

fuscofasciatus (Dillon & Dillon, 1952: 60) new combination

globiferus (Fabricius, 1801: 284) new combination

gemmata Blanchard in Orbigny, 1843: 210

variolosus Pascoe, 1859: 35

lineatus (Fisher, 1926: 14) new combination

gigantea Breuning, 1974: 240

multivittatus (Bates, 1869: 388) new combination

papulentus (Thomson, 1868: 43) new combination

phileta (Dillon & Dillon, 1945: 8) new combination

pyropina (Dillon & Dillon, 1945: 9) new combination

ramirezi (Nearns & Tavakilian, 2012: 3) new combination

Colombia

Brazil (BA-RS), Bolivia, Paraguay, Argentina

Ecuador

Costa Rica, Panama

wEcuador, Peru

Colombia, eEcuador, Bolivia (CO, LP, SC),

Brazil (AM, PA, MG, RO)

W Indies (St. Lucia)

Nicaragua-Panama, Ecuador

Nicaragua-Colombia, wEcuador, Peru

Peru

eEcuador

Costa Rica (GU, LI)

Hypsioma Audinet-Serville, 1835: 38

Cipriscola Dillon & Dillon, 1945: 82 new synonymy

fasciata (Thomson, 1860: 118) new combination

crassipes Bates, 1865: 168

Venezuela, Colombia, Brazil, Paraguay, Peru,

Bolivia (SC, TR), Argentina (MI, CO, CH)

Oncideres Lacordaire, 1830: 183

Oncoderes Gemminger & Harold, 1873: 3124

Japi Martins & Galileo, 2012: 559

Psyllotoxus Thomson, 1868: 74 new synonymy

Taricanus Thomson, 1868: 73 new synonymy

dalensi (Nearns & Tavakilian, 2012: 9) new combination

faurei (Nearns & Tavakilian, 2012: 10) new combination

griseocincta (Thomson, 1868: 75) new combination

inexpectata (Martins & Galileo, 1990: 90) new combination

melanospidus Giacomel, 1991: 1

kenjii (Nearns & Swift, 2021: 199)

new combination from *Periergates*

truquii (Thomson, 1868: 74) new combination

zaragozai (Chemsak & Noguera, 1993: 292) new combination

French Guiana

French Guiana

French Guiana, Brazil (MG-RS)

Brazil (SP)

Costa Rica (Puntarenas)

Mexico (PU), Nicaragua

Mexico (JA)

Parmenini

Alloleptosylus Audureau & Santos-Silva, 2024: 38 new genus

hardyi Audureau & Santos-Silva, 2024: 39 new species

Panama (Chiriqui)

Tetraopini

Tetraopes

paradisi Peraza-Flores, 2024: 445 new species

Mexico (Yucatan)

Miscellaneous edits:

remove *egaensis* Bates, 1862: 447 from *Chalastinus*

remove *aeriventris* Gilmour, 1965: 643 from *Apagomera*

remove *sexplagiatus* Fuchs from *Atelographus*

Deliathis bifurcata, *impluviata*, *superba* are now corrected as feminine

Moneilema punctipenne not *punctipennis*

Hyperplatys argentinus not *argentina*

H. aspersus not *aspersa*

H. canus not *cana*

H. griseomaculatus not *griseomaculata*

H. maculatus not *maculata*

H. montanus not *montana*

Homogenes Chevrolat 1863 is correct

Cosmotoma Chevrolat 1844 not Blanchard 1845

Cortodera longicornis (remove *marginalis*)

Phoebemima theaphia add Ecuador

Cipriscola fasciata (Thomson, 1860)

The following taxa were published in 1934, and not 1935 (all described by Melzer):

Neoeme vittipennis; *Merionoedopsis brevipennis*; *Merionoeda bicolor*; *Ommata (Rhopalessa) demissa*;

Ommata (Eclipta) amabilis; *Ommata (Eclipta) socia*; *Ommata (Eclipta) brevipennis*;

Ommata (Eclipta) nigriventris; *Ommata (Eclipta) bipunctata*; *Ommata (Ecliptophanes)*;

Ommata (Ecliptophanes) bucki; *Odontocera lineatocollis*; *Odontocera malleri*; *Odontocera scabricollis*;

Dihammaphora meissneri; *Neoclytus discretus*; *Mecometopus ludicrus*; *Stereomerus*; *Stereomerus pachypezoides*;

Anisopeplus; *Anisopeplus perplexus*; *Dorcasta implicata*; *Tithonus glaucus*; *Alcidion bruchi*; *Lophopoeum nubilum*;

Lophopoeum pallidum; *Lophopoeum spitzii*; *Anisolophia*; *Anisolophia glauca*; *Ozineus inexpectatus*; *Leiopus convexus*;

Lepturges recki; *Probatius albosparsus*; *Pentheochaetes apicalis*; *Pentheochaetes turbidus*; *Nyssodrys vittata*;

Nyssodrys basalis; and *Phaea schildi*.

Corrected species group names

Hovorodon bituberculatus

H. maxillosus

H. subcancellatus

Diploschema rotundicollis (its synonym is *flavipenne*)

D. maculatum (and its synonym is *brunneum*)

Callichroma minimum

Mionochroma guyanense & *novellum*

Monnechroma azureum and *tibiale*

Plinthocoelium chilense & *virens* (syn; *domingoense*)

Aglaoschema vinolentum

Deltosoma humerale & *xerophilum*

Gigantotrichoderes brunnea

Chlorotherion consimile

Placoschema dimorphum

Alcidion aestimabile, *apicale*, *albosparsum* & *humerale*

Hydraschema cribripenne, *fabulosum*, *obliquevittatum* & *petilum*

Acrepidopterum jamaicense

Callisema elongatum

Compsosoma oculatum

Strioderes peruana

Mecasoma validicorne

New Distribution Records

Oreodera noguerai Mexico, add Jalisco
Adetus croton add Nicaragua (Granada)
Phoebe mexicana Mexico add Chiapas
Dihammaphora aepytus add Brazil (Rio Grande do Sul)
Dihammaphora auricollis Argentina add Santiago del Estero
Dihammaphora binodula add Brazil (Rio Grande do Sul), Argentina add Buenos Aires
Dihammaphora brasiliara add Paraguay (Central)
Dihammaphora bruchi add Brazil (Mato Grosso do Sul), Argentina add Buenos Aires & Tucuman, Paraguay add Guaira
Dihammaphora ibirajarai add Panama (Canal Zone), Colombia add Cundinamarca & Atlantico
Dihammaphora marginicollis Brazil add Para
Dihammaphora nigrovittata add Argentina & Paraguay (Guaira)
Dihammaphora nitidicollis Brazil add Pernambuco
Dihammaphora pusilla Brazil add Ceara & Para

64 species, 28 genera, and four tribes new for Oaxaca (see Martinez-Hernandez et al).

Colombicallia curta add Panama (Colon)
Estola subannulicornis add Colombia (Valle de Cauca)
Cacostola nearnsi add Guatemala (Suchitepequez)
Cacostola simplex add Ecuador (Orellana)
Phaea kellyae Mexico add Veracruz
Sphalloeme costipennis Brazil add Minas Gerais
Oreodera omissa Brazil add Minas Gerais
Anelaphus hirtus Mexico add Michoacan
Cicatrissphaerion wappesi Mexico add Yucatan
Recchia hirticornis add Peru (Chanchamayo), remove French Guiana
Bisaltes brevicornis add Peru (Lambayeque)
Ironeus pulcher add Peru (San Martin)
Cotyclytus arriagadae add Peru (San Martin)
Sphallamyx mexicanum add Colombia (Valle de Cauca)
Miriclytus quadrifasciatus Colombia confirm Antioquia
Praxithea travassosi add Colombia (Valle de Cauca)
Galissus cyaneipennis add Colombia (Valle de Cauca)
Oedudes spectabilis Colombia confirm Antioquia

Achryson immaculipenne Brazil add Roraima
Callichroma auricomum Brazil add Roraima
Ceragenia bicornis Brazil add Roraima
Chlorida curta Brazil add Roraima
Chrysaethe ochraceicollis Brazil add Rondonia
Megacyllene falsa Brazil add Roraima
Niophis asper Brazil add Roraima
Paranyssicus quadriguttatus add Brazil (Roraima)
Compsibidion maronicum Brazil add Roraima
Anisopodus lignicola Brazil add Acre
Hylettus spilotus Brazil add Roraima
Nealcidion elegans add Brazil (Roraima)
Penaherraeus pradosiae add Brazil (Roraima)
Steirastoma melanogenys Brazil add Roraima
Colobotha eximia Brazil add Roraima
Jamesia globifera Brazil add Roraima

Oaxaca, Mexico (see Martinez-Hernandez et al)
Leptostylus notaticollis add Mexico (Oaxaca)
64 new species records

Lagocheirus crisulatus add Panama (Ngäbe-Buglé)
Leptostylus guianensis add Panama (Ngäbe-Buglé)
Nealcidion cephaliferum add Panama (Ngäbe-Buglé)

Linsleyonides portoricensis add Dominican Republic, Hispaniola

Lophalia cyanicollis Mexico add Nuevo Leon, Oaxaca, Yucatan, Quintana Roo
Mannophorus laetus Mexico add Queretaro
Mannophorus virgulata virescens Mexico add Puebla
Ischnocnemis caerulescens Mexico add Nayarit, Veracruz
Ischnocnemis costipennis Mexico add Puebla
Ischnocnemis sexualis Mexico add Guerrero, Morelos, Oaxaca
Mannophorus virgulata virescens Mexico add Puebla
Hyperplatys kawensis add Brazil (Para)

Mato Grosso do Sul, Brazil (MS) (see Olivier et. al.)
59 new species records

Ozodes infuscatus Brazil add Sao Paulo
Nealcidion bruchi add Brazil Mato Grosso do Sul
Glypthaga arena add Brazil Mato Grosso do Sul
Lissonotus biguttatus Brazil add Mato Grosso
Canarana brachialis remove Brazil Mato Grosso, add Mato Grosso do Sul
Plistonax antonkozlovi Panama add Bocas del Toro
Adetus salvadorensis add Mexico (Oaxaca)
Dorcasta borealis add Mexico (Yucatan)
Eupogonius longipilis Mexico add Chiapas
Eupogonius vittipennis add Mexico (Campeche)
Hesychotypa danilevskyi Panama add Bocas del Toro
Sphallotrichus bidens Brazil add Rondonia
Cosmoplatidius abare Brazil add Rondonia
Deltosoma fernandezi add Brazil (Rondonia)
Chydarteres dimidiatus dimidiatus Brazil add Rondonia
Corimbion nigroapicatum add Brazil (Rondonia)
Neolampidusa obliquator Brazil add Rondonia

Chlorida festiva Peru add Loreto & Lima
Callichroma auricomum Peru add Loreto
Callichroma iris trilineatum Peru add Lima
Pantomallus costipennis Peru add Loreto
Eurysthesa sordida Peru add Loreto
Nyssicus quadriguttatus Peru add Loreto
Malacopterus tenellus Peru add Loreto
Trachyderes leptomera leptomera Peru add Loreto
Anisopodus ligneus add Peru Loreto
Anisopodus prolixus Peru add Loreto
Atrypanius conspersus Peru add Loreto
Atrypanius remissus Peru add Loreto
Carphina petulans Peru add Loreto
Eutrypanus triangulifer Peru add Lima
Hylettus alboplagiatus Peru add Loreto
Hylettus coenobita Peru add Loreto
Acanthoderes laportei Peru add Lima
Aegomorphus nigricans add Peru Madre de Dios & Cuzco
Discopus eques Peru add Lima
Steirastoma aethiops Peru add Lima
Steirastoma breve Peru add Lima
Oreodera glauca glauca Peru add Loreto
Anisocerus stellatus Peru add Lima
Colobothea brullei Peru add Lima
Colobothea meleagrina Peru add Lima
Colobothea plebeja Peru add Loreto
Taeniotes affinis Peru add Lima
Taeniotes naevius Peru add Lima
James globifera Peru add Lima
Enoplocerus armillatus Peru add Loreto
Mallodon spinibarbis Peru add Junin
Eucharitolus longus add Bolivia (Santa Cruz)

Xenocona senticosa add Bolivia (Santa Cruz)
Eucharitolus lituratus Brazil add Minas Gerais
Eucharitolus spilotus Brazil add Parana
Lepturges melzeri Brazil add Espirito Santo & Parana
Homogenes albolineatus Brazil add Minas Gerais
Achryson pictum Peru add Madre de Dios
Susuacanga octoguttata Peru add Madre de Dios
Pantomallus tristis Peru add Madre de Dios
Tobipuranga ruficoxis Peru add Madre de Dios
Tobipuranga ybyra add Peru (Madre de Dios)
Atrypanius unpanus Peru add Tumbes
Neopalame albomaculata Peru add Madre de Dios
Nyssodrysternum instabile Brazil add Minas Gerais
Oxathres guyanensis Brazil add Amazonas & Para
Acanthoderes thammi Peru add Madre de Dios
Aegomorphus nigricans Peru add Madre de Dios
Discopus spectabilis Peru add Madre de Dios
Symperasmus thoracicus Peru add Madre de Dios
Cyclopeplus peruvianus Peru add Madre de Dios & Pasco
Lophopoeum fuliginosum remove Bolivia
Cosmotoma venustulum Brazil add Para
Neocompsa flavoquadripunctata Mexico add Zacatecas
Alphinellus minimus Mexico add Campeche, add Guatemala
Eburodacrystola pickeli Brazil add Sao Paolo
Stenoeme aguilari add Brazil (Sao Paolo)
Phygomelitta triangularis Brazil add Sao Paolo
Oreodera bituberculata Brazil add Sao Paolo
Neopalame albomaculata Peru add Madre de Dios
Leptostylus guianensis add Brazil (Para)
Leptostylus indistinctus add Honduras (Francisco Morazan)
Leptostylus cinerascens Mexico add Yucatan, San Luis Potosi, Tamaulipas & Nuevo Leon
Sternidius chemsaki Mexico add (Sinaloa)
Trichastylopsis albidus Mexico add Jalisco
Coleoxestia tupunhuna add French Guiana (Kaw, Trinite, Changement, Coralie)
Coleoxestia femorata add French Guiana (Kaw, Regina, Coralie, Nancibo)
Coleoxestia atrata add French Guiana (Kaw, Coralie, Courcibo)
Coleoxestia spinipennis add French Guiana (Kaw, Coralie, Belizon)
Coleoxestia rachelae add French Guiana (Approuague, Kaw, Nancibo, Sinnamary, Coralie, Regina)
Coleoxestia vittata add French Guiana
Coleoxestia anthracina add French Guiana (Approuague, Kaw, Nancibo, Trinite)

Achryson suinamum Venezuela add Merida
Chlorida festiva Venezuela add Merida
Eburia semipubescent Venezuela add Merida
Andraegoidus rufipes add Venezuela (Merida)
Ancylosternus morio morio Veneuela add Falcon
Ironeus pulcher Veneuela add Falcon
Psyrrassa cuprina Veneuela add Falcon
Pantonyssus nigriceps add Venezuela (Falcon)
Aegomorphus nigricans Venezuela add Merida
Lagocheirus araneiformis fulvescens Venezuela add Merida
Neoptychodes trilineatus Venezuela add Merida

Gnaphalodes trachyderoides Mexico add Michoacán
Tylcus hartwegii Mexico add Mexico & Michoacán
Anelaphus piceus Mexico add Michoacán
Metironeus hesperus Mexico add Michoacán
Pseudoperiboeum subarmatum Mexico add Michoacán
Neocompsa puncticollis asperula Mexico add Michoacán
Compsibision vanum Mexico add Michoacán
Canidia spinicornis Mexico add Michoacán
Lepturges angulatus Mexico add Michoacán

Sternidius naeviicornis Mexico add Michoacán
Oreodera noguerai Mexico add Michoacán
Eupogonius arizonensis Mexico add Michoacán
Lysimena fuscata Mexico add Michoacán
Arhopalus asperatus Mexico add Michoacán
Arhopalus montanus Mexico add Michoacán

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**From Serge Laplante
Corrections to the
Checklist of the Oxypeltidae, Vesperidae, Disteniidae and Cerambycidae, (Coleoptera) of the Western
Hemisphere. 2024 Edition (updated through 31 December 2023) (Bezark 2024)**

LGB: (Readers please keep in mind the page numbers below indicating where the edits are needed may be different in the newer edition of the Master Checklist)

This review was originally undertaken primarily to correct the endings of Latin or latinized adjectival and participial species-group names according to the provisions of the ICZN (1999) so that they agree in gender with the genus names with which they are combined. While going through the Checklist, it was found that corrections needed to be made to some citation dates and pages, especially for taxa established in the second part ("suite") of Audinet-Serville's "*Nouvelle classification de la famille des longicornes*", in the 4th volume of Olivier's "*Entomologie*", in Lacordaire's *Tomes 8 and 9* of "*Histoire Naturelle des Insectes*", and in Thomson's *Essai d'une classification de la famille des Cérambycides*. Many other mistakes were also found (misspelled taxon names, missing commas after author's name; missing semicolon after unavailable species names, etc.), as well as a few changes based on overlooked nomenclatural acts. The corrections are in red font, replaced information is in **green font**. The revised document is hereinafter referred to as "the Checklist".

The corrections are grouped into five sections:

1. Corrections of misspelled taxon names (excluding agreement of endings of species names according to ICZN 1999 article 31.2, treated in Section 5)
2. Corrections of minor mistakes
3. Changes in authors, dates and pages of descriptions (and parentheses)
4. Modifications to taxonomy and nomenclature
5. Gender determination of genus names and agreement of species name endings

Section 1. Corrections of misspelled taxon names

The spelling of each of the taxa listed below has been verified in the original publication.

P. 14

Motilon Botero, Galileo & Santos-Silva, 2019: 738 [instead of *Mutilon*].

P. 20

Under *Mallodon dasystemus* (Say, 1824: 326), among the synonymic entries:
socorrensis Linsley & Chemsak, 1966: 251 [instead of *socorroensis*].

P. 24

Under *Polyzoa lacordairei* Audinet-Serville, 1832: 167, the synonymic entry:
dejeani: Gray in Griffith, 1831: pl.65, fig. 3 (not Latreille, 1829) [instead of *dejeanii*; remove the second "i"].

P. 64

Coleoxestia bettellaorum Galileo & Santos-Silva, 2016: 66 [instead of *bettellaroum*; inadvertent inversion of letters o and r].

P. 71

Megacyllene melanaspis (Chevrolat, 1862: 378) [instead of *menalaspis* / wrong alphabetical order; to be moved between *M. magna* Di Iorio and *M. mellyi* (Chevrolat)].

P. 84

Tobipuranga beltii (Bates, 1870: 413) [instead of *belti*].

Note. The use of the genitive ending *-i* in a subsequent spelling of a species-group name that is a genitive based upon a personal name in which the correct original spelling ends with *-ii*, or vice versa, is deemed to be an incorrect subsequent spelling (ICZN 1999, art. 33.4).

P. 125

Under *Styloxus* LeConte, 1873: 239, one of the synonymic entries:

Malthophia Casey, 1912: 308 [instead of *Malthopia*].

Under *Styloxus* LeConte, 1873: 239, one of the synonymic entries:

Malthophia Casey, 1918: 415 TO BE DELETED because redundant with the original name *Malthophia* Casey (1912) since it is just a subsequent citation of the same name.

Note. In 1912, the genus name appears three times, on pages 308, 309, and in the index on page 382, always under the spelling *Malthophia* (see Section 1, Corrections of misspelled taxon names, P. 125). No spelling *Malthopia* occurs in 1912. The spelling used by Casey's (1918: 415; 424 (in index)) is the same as that of 1912; it is not an incorrect subsequent spelling. The text on page 415 in 1918, in which the correct spelling appears three times, simply presents arguments for treating this genus name as distinct from *Idoemea* Horn, 1880 and this citation has no nomenclatural significance and should therefore be deleted. I did not find the spelling "*Malthopia*" anywhere. The spelling in the synonymic statement "*Malthopia* Casey, 1912: 308" in Monné's (2023: 524) Neotropical Catalogue I is incorrect.

P. 130

Gounelloeme Monné & Martins, 1974 [instead of *Gounelleoeme*].

P. 162

Syllitus cylindricus Germain, 1899: 256 [instead of *cilindrycus*].

P. 168

Arapari Martins, Galileo & Santos-Silva, 2015: 281 [instead of *Apari*].

P. 178

Under *Lissonomimus* Viana & Martinez, 1992: 28, the synonymic entry:

Laneiella Monné, 2006: 179 [instead of "*Laniella* Monné, 2006: 179"].

P. 184

Under *Sphaenothecus* Dupont, 1838: xii, one of the synonymic entries:

Ischnocnemis: LeConte, 1873: 316 (misidentification; not Thomson, 1864) [add "h"]

P. 239

Acanthoderes (Acanthoderes) quatuordecimguttata (Schoenherr, 1817: 396) [instead of "*quattuordecimguttata*" (delete one "t") / spelling in the original publication: "*Quatuor decim-guttata*"]

P. 249

Steirastoma thunbergii Thomson, 1865: 543 [instead of "*thunbergi*"]

Note. Replace "*thunbergi*" with *thunbergii* (two "i") (spelling of the Incorrect Subsequent Spelling by Lacordaire, 1872: 749 in prevailing usage under ICZN 1999, article 33.3.1). The use of the genitive ending *-i* in a subsequent spelling of a species-group name that is a genitive based upon a personal name in which the correct original spelling ends with *-ii*, or vice versa, is deemed to be an incorrect subsequent spelling (ICZN 1999, art. 33.4) (see Note under this species in **Section 4, sub-section B** for more details).

P. 261

Cyclopeplus batesii Thomson, 1860: 32 [instead of *batesi* Thomson, 1861: 32]

P. 267

Apomorrisia Santos-Silva & Nascimento, 2022: 399 [instead of *Apomorissia*; correct spelling with two "r" and only one "s"]

P. 270

Ischioloncha wollastonii Thomson, 1860: 123 [instead of *wollastoni* Thomson, 1861: 123]

P. 271

Under *Ptericoptus crassicornis* (Fabricius, 1803: 84) [add missing parentheses because the species was described in genus *Saperda* Fabricius, 1775 (checked in the original publication)]

P. 299

Piruauna Galileo & Martins, 1998: 150 [instead of "*Piruana* ..." / incorrect subsequent spelling "*Piruana*" introduced by Martins, Galileo & Limeira-de-Oliveira (2009: 518)]

P. 304

Under *Adesmus* Lepeletier & Audinet-Serville in Latreille, 1825: 335; among synonymic entries: *Amphionycha* Dejean, 1835: 352 [instead of *Amphyonycha*] (see Bousquet & Bouchard 2013: 75).

P. 320

Deliathis buquetii (Taslé, 1841: 14) [instead of *D. buqueti* (Tasté, 1841: 14)]

Note 1. Spelling checked in the original publication. The use of the genitive ending *-i* in a subsequent spelling of a species-group name that is a genitive based upon a personal name in which the correct original spelling ends with *-ii*, or vice versa, is deemed to be an incorrect subsequent spelling (ICZN 1999, art. 33.4).

Note 2. The author's name is misspelled "Tasté" on the title page (p. 14) of the article. His name is corrected to "Taslé" in Table des noms d'auteurs [Table of authors] on page 400 of the journal (*Revue zoologique* 4, 1841). The author is a French botanist and naturalist and his full name is Armand François Marie Taslé [<https://cths.fr/an/savant.php?id=168>].

P. 324

Taurolema oberthuri Gounelle, 1906 [instead of *T. oberthüri*] [No diacritic or other marks should be used in a scientific name (ICZN 1999, article 27)]

P. 326

Chitron mniszechii (Buquet, 1859: 48) [instead of "... *mniszechi* ..."]

Note. Spelling checked in the original publication. The use of the genitive ending *-i* in a subsequent spelling of a species-group name that is a genitive based upon a personal name in which the correct original spelling ends with *-ii*, or vice versa, is deemed to be an incorrect subsequent spelling (ICZN 1999, art. 33.4).

P. 347

Under *Emphytoecia* Fairmaire & Germain, 1860: 529, one of the synonymic entries:

Amphithoecia: Thomson, 1861: 383 [instead of "*Amphytoecia* Thomson, 1861: 383"]

P. 351

Saperda hornii Joutel, 1902: 33 [instead of *horni* Joutel, 1902: 33]

Note 1: Replace "*horni*" with *hornii* (two "i") as in Bousquet et al. (2017: 174). The use of the genitive ending *-i* in a subsequent spelling of a species-group name that is a genitive based upon a personal name in which the correct original spelling ends with *-ii*, or vice versa, is deemed to be an incorrect subsequent spelling (ICZN 1999, art. 33.4).

Section 2. Corrections of minor mistakes

In this section, corrections are notably proposed for:

- missing commas between author's names and years of description
- missing, misplaced, or irrelevant parentheses
- taxa placed in the wrong alphabetic order
- incomplete author citations and missing diacritical marks in authors names *
- misplaced geographic distribution data and a few additions

* Ideally, all authors should be cited for all taxa, but it is understood that this is not always possible when there is a space issue with taxa that have multiple authors.

P. 6

Abauba iani Santos-Silva & Tavakilian, 2009 (add a comma after "Tavakilian")

Abauba napoensis Santos-Silva & Tavakilian, 2009 (add a comma after "Tavakilian")

Abauba mediorufovittata Santos-Silva & Tavakilian, 2009 (add a comma after "Tavakilian")

America aberlenci Santos-Silva & Tavakilian, 2009 (add a comma after "Tavakilian")

America berkovi Santos-Silva & Tavakilian, 2009 (add a comma after "Tavakilian")

P. 7

America hermieri Santos-Silva & Tavakilian, 2009 (add a comma after "Tavakilian")

America larrei Santos-Silva & Tavakilian, 2009 (add a comma after "Tavakilian")

Cupecuara argodi (Belon, 1896) (add a comma after "Belon")

P. 9

Elytrimitatrix (*Grossifemora*) *setosa* Santos-Silva & Hovore, 2008 (add a comma after "Hovore")

Elytrimitatrix (*Grossifemora*) *spinifemora* Santos-Silva & Hovore, 2008 (move the comma at the right place after "Hovore")

P. 10

Novantinoe hovorei Santos-Silva, 2007 (delete space between "-Silva" and the comma)

Under *Novantinoe spinosa* (Bates, 1885: 273), the synonymic entry:

striatipennis Villiers, 1959: 74 [instead of "... (Villiers, 1959: 74)" / delete parentheses]

Note. Parentheses to be removed because, for sake of consistency, the synonyms should be listed in the Checklist only in their original spelling as proposed in their original combination (i.e, *Distenia striatipennis* Villiers). This is how the vast majority of synonymic entries are currently listed in the Checklist.

Oculipetilus pulcher (Melzer, 1926: 6) [instead of "(Melzer) 1926: 6" / (add a comma after "Melzer" AND move the closing parenthesis to the correct place after "1926: 6")]

P. 11

Under *Pseudocometes argutulus* (Buquet, 1851: 190), two of the synonymic entries:

scapularis Bates, 1870: 441 / delete parentheses since they should not be used in synonymic entries [See Note above under *Novantinoe spinosa* (P. 10)].

coeruleus Bates, 1870: 442 / delete parentheses since they should not be used in synonymic entries [See Note above under *Novantinoe spinosa* (P. 10)].

Neandra Lameere, 1912: 114 / wrong alphabetical order; to be moved between genera *Birandra* (*Yvesandra*) Monné and *Parandra* (*Hesperandra*) Arigony on page 12.

P. 12

Birandra (*Birandra*) *lucanoides* (Thomson, 1861: 85) (add a comma after "Thomson")

Under *Birandra* (*Yvesandra*) *latreillei* Santos-Silva & Shute, 2009: 24, the synonymic entry:

laevis Schoenherr, 1817 (preoccupied; not Latreille, 1804) [instead of "Schönherr, 1817 (not Latreille, 1804)"]

Note. "Schoenherr" and "Schönherr" are two valid ways of writing this author's name, but in order to be consistent throughout the Checklist, only one should be used. There are in the Checklist numerous "Schoenherr", and only four occurrences of "Schönherr" or "Schönherr", so "Schoenherr" should be retained.

P. 13

Parandra (*Tavandra*) *villei* Lameere, 1885: 3 (add a comma after "Lameere")

Anacolus Berthold, 1827 (add a comma after "Berthold")

Atrocolus Monné & Monné, 2008 (add a comma after "Monné & Monné")

Atrocolus mariahelene Monné & Monné, 2008 (add a comma after "Monné & Monné")

P. 16

Chorenta biramiguelus (Santos-Silva, 2004: 281) [add missing parentheses because the species was described in genus *Anacanthus* Audinet-Serville, 1832 (checked in the original publication)]

P. 19

Macrodonia Lacordaire, 1830 (add a comma after "Lacordaire")

Macrodonia castroi Marazzi, Pavisi & Marazzi, 2008 (add a comma after "Marazzi")

Macrotomini Thomson, 1861: 312, not Laporte, 1832 (add a comma after "Thomson"; See rationale for changing the publication date and page in "Thomson" **Section 3, sub-section F**).

P. 20

Under *Hovorodon bituberculatum* (Palisot de Beauvois, 1819), one of the synonymic entries:

hornebecki Chevrolat, 1862: 273 (add a comma after "Chevrolat")

Note. See rationale for changing the publication date of *H. bituberculatum* in "Palisot de Beauvois" **Section 3, sub-section E**).

Ialysus Thomson, 1864 (add a comma after "Thomson")

Mallodon Lacordaire, 1830 (add a comma after "Lacordaire")

P. 21

Under *Nothopleurus* Lacordaire, 1869: 125

serratus (Thomson, 1865: 578) / at the wrong alphabetic order; to be MOVED BETWEEN *madericus* (Skiles, 1978) AND *subsulcatus* (Dalman, 1823)

P. 22

Under *Stenodontes chevrolati* Gahan, 1890 [**P. 21**], one of the synonymic entries:

mandibularis: Leng, 1884: 9 (not Fabricius, 1801) (add a comma after "Fabricius")

also from LGB: remove “;” from all synonyms

Xixuthrus Thomson, 1864 (add a comma after "Thomson")

Charmallaspis smithiana (White, 1850: 12) (closing parenthesis to be moved after "12")

P. 25

Apterocaulus Fairmaire, 1864: 267 [instead of "*Apterocaulus* Fairmaire, 1864: 267(in part)" / DELETE "(in part)"]

Note. "(in part)" not pertinent for a valid genus name entry.

AND under it, the synonymic entry:

Micropsalis Burmeister, 1865: 314 (preoccupied; not Meyer, 1859, Crustacea) [remove one space between "1865:" and "314"] [Instead of "*Micropsalis* Burmeister, 1865: 314 (not Meyer, 1859)" / SEE also "**Section 4, sub-section B. Changes among the synonymic entries and standardization of status indications**".

P. 26

Derobrachus smithi Bates, 1892: 144 (add a comma after "Bates")

Under *Derobrachus sulcicornis* LeConte, 1851: 110, the synonymic entry:

kuwerti Nonfried, 1891: 273 [italicize the "k"]

Under *Prionacalus* White, 1845, the synonymic entry:

Prionocalus: Thomson, 1864: 280 (misspelling) [add a comma after "Thomson"]

Prionus (Antennalia) Casey, 1912: 249 (add a comma after "Casey")

P. 27

Prionus (Neopolyarthron) Semenov, 1899: 255 (add a comma after "Semenov")

Prionus (Prionus) Geoffroy, 1762 (add a comma after "Geoffroy")

And two of the synonyms under it:

Hypoprionus Santos-Silva, Nearns & Swift, 2016: 8 (replace ":" with a comma after "Swift")

Prionellus Casey, 1924: 209 (...) (add a comma after "Casey")

P. 28

Psilidognathus cerberus Santos-Silva & Komiya, 2012 (add a comma after "Komiya")

P. 30

Solenoptera michelii (Chemsak, 1979: 125) (instead of "(Chemsak), 1979: 125 agalissus" / closing parenthesis to be moved after "125" and "agalissus", inadvertently inserted at the end of the line, to be removed)

Caraphia seriata (Chemsak & Linsley, 1984: 283) (closing parenthesis to be moved after "283")

Caraphia squamosa (Chemsak & Linsley, 1984: 282) (closing parenthesis to be moved after "282")

P. 32

Under *Necydalis* Linnaeus, 1758, the synonymic entry:

Gymnopterion Schrank, 1798: 373 (add a comma after "Schrank")

P. 33

Brachyleptura brevis (Kirby in Richardson, 1837: 182) [add parentheses because the species was described in genus *Leptura*]

P. 34

Brachyta Fairmaire in Jacquelin Du Val, 1864: 185 [instead of Fairmaire 1868: 185]

Note. This genus is misplaced in the Checklist. It is close to *Evodinus* and therefore a member of tribe Evodinini Zamoroka, 2022 [New classification]. So remove it from page 34 and transfer it in tribe Evodinini before genus *Evodinus* (new classification; see Bouchard et al. (2024: 226).

Under *Choriolaus* Bates, 1885, the synonymic entry:

Euryptera LeConte & Horn, 1883: 313 (part) (add a comma after "Horn")

Choriolaus filicornis (Linsley & Chemsak, 1971: 4) (closing parenthesis to be added after "4")

P. 35

Etorofus vitiosus (LeConte, 1854: 18) [instead of "... (LeConte, 1854: 18)" / the font of opening parenthesis to be changed from italic to normal]

P. 37

Megachoriolaus clarkei Monné & Monné, 2008: 47 (add a comma after "& Monné")

P. 40

Strangalia linsleyana Giesbert, 1986: 142 [instead of "... (Giesbert, 142)" / parentheses to be removed since the name was established in the genus *Strangalia*]

P. 41

Under *Strangalia panama* Di Iorio, 2002: 76, the synonymic entry:

dimidiatus Chemsak & Linsley, 1981: 487 (preoccupied; not Redtenbacher, 1867) [instead of "*dimidiata* Chemsak & Linsley, 1981: 487 (not Redtenbacher, 1867)"]

Note. The original combination is *Pseudotypocerus dimidiatus*, so *dimidiatus* is to be used as a synonymic entry instead of *dimidiata* in the synonymic list.

P. 44

Brachysomida nigripennis (LeConte, 1850: 323) [Add parentheses since the species was established in genus *Acmaeops*]

AND for its geographic distribution, add:

South central Canada (BC-MB) [see Bousquet et al. 2017: 110; 234 map 143]

P. 47

Piodes coriacea LeConte, 1850: 318

For its geographic distribution, add:

South central BC [see Bousquet et al. 2017: 103]

P. 48

Tomentgaurotes batesi (Aurivillius, 1912: 194) (closing parenthesis to be added after "194")

P. 50

Tetropium cinnamopterum (Kirby in Richardson, 1837: 174) [the author between parentheses]

Note. Kirby established the species as *Callidium (Tetropium) cinnamopterum* (checked in the original publication), thus the correct original combination is *Callidium cinnamopterum* (ICZN 1999, Art. 51.3.2) and the author's name must be between parentheses when combined with genus *Tetropium*.

P. 60

Phymatodes aeneus LeConte, 1854: 18 (add a comma after "LeConte")

Phymatodes aereus (Newman, 1838: 393 (add a comma after "Newman"))

P. 61

Poecilium Fairmaire, 1864 (add a comma after "Fairmaire")

P. 63

Under *Plocaederus* Dejean, 1835: 321 [instead of "1835: 319 (not Dejean, 1821: 105)"]; delete "(not Dejean, 1821)"]

P. 66

Iuati Martins & Galileo, 2010: 84 [add the missing page]

Paracriodion morrissi Monné, 2014: 141 (add a comma after "Monné")

P. 67

Amyipunga Martins & Galileo, 2011 (add a comma after "Galileo")

P. 68

Ayriclytus Martins & Galileo, 2011 (add a comma after "Galileo")

Ayriclytus bolivianus Martins & Galileo, 2011: 237 (add a comma after "Galileo")

Cetimaju Galileo & Martins, 2007 (add a comma after "Martins")

Cetimaju abare Galileo & Martins, 2007: 347 (add a comma after "Martins")

Cotyclytus Martins & Galileo, 2011 (add a comma after "Galileo")

Cotyclytus arrigadai Galileo, Martins & Santos-Silva, 2014: 4 (add a comma after "Santos-Silva")

Cotyclytus parumnotatus (Zajciw, 1963: 176) [add parentheses because the species was described in genus *Neoclytus*]

P. 69

Itaclytus Martins & Galileo, 2011 (add a comma after "Galileo")

Mecometopus cauaburi Martins & Galileo, 2011: 210 [add a comma after "Galileo"]

Mecometopus centurio Chevrolat, 1862: 58 [instead of "(Chevrolat, 1862: 58)" / parentheses to be removed since the species was described in genus *Mecometopus*]

P. 71

Miriclytus Martins & Galileo, 2011 (add a comma after "Galileo")

Miriclytus miri (Galileo & Martins, 2007: 347) (add a comma after "Martins")

Miriclytus triangularis Martins & Galileo, 2011: 243 (add a comma after "Galileo")

P. 72

Neoclytus anama Galileo & Martins, 2007: 350 (add a comma after "Martins")

Under *Neoclytus muricatus* *muricatus* (Kirby in Richardson, 1837: 177), one of the synonymic entries: *leucozonus* (Laporte & Gory, 1836: 90) is the valid name for this species [see explanation about the dating of Laporte & Gory's work in the introduction to **Section 3, sub-section B**]

Note. If the dating of Laporte & Gory's work is not accepted and therefore *N. muricatus* is retained as the valid name, since it was described in genus *Clytus*, "Kirby in Richardson, 1837: 177" should be put in parentheses. LGB: my checklist follows the Monne & Nearn's catalog.

P. 73

Under *Neoclytus pusillus* (Laporte & Gory, 1836: 22), one of the synonymic entries:

guianensis Laporte & Gory, 1836: 22 [instead of "(Laporte & Gory, 1838: 22)"]

Note. Parentheses to be removed because, for sake of consistency, the synonyms should be listed in the Checklist only in their original spelling as proposed in their original combination (*Clytus guianensis* Laporte & Gory).

P. 74

Pirangoclytus Martins & Galileo, 2011: 181 (add a comma after "Galileo")

Pirangoclytus chaparensis Martins & Galileo, 2011: 186 (add a comma after "Galileo")

Pirangoclytus fraternus Martins & Galileo, 2011: 186 (add a comma after "Galileo")

Pirangoclytus jauffreti Martins & Galileo, 2011: 192 (add a comma after "Galileo")

Pirangoclytus ycoca (Galileo & Martins, 2007: 347) (add a comma after "Martins")

Under *Placosternus difficilis* (Chevrolat, 1862: 263), one of the synonymic entries:

crinicornis: Horn, 1880: 134 (misidentification; not Chevrolat, 1860) (add a comma after "Chevrolat")

P. 75

Rostroclytus Martins & Galileo, 2011 (add a comma after "Galileo")

Rostroclytus turuna Martins & Galileo, 2011 (add a comma after "Galileo")

Unaiuba Martins & Galileo, 2011 (add a comma after "Galileo")

P. 76

Unaiuba flava Martins & Galileo, 2011: 176 (add a comma after "Galileo")

Unaiuba spinosum Galileo, Martins & Santos-Silva, 2015 [wrong alphabetical order; to be moved between *U. sarukhani* and *U. vitticollis*].

P. 77

Ygapema Martins & Galileo, 2011 (add a comma after "Galileo")

P. 78

Compsocerus Lacordaire, 1830 (add a comma after "Lacordaire")

P. 82

Solangebira Santos-Silva, Botero & Nascimento, 2023: 5 [wrong alphabetical order; to be moved between genera *Purpuricenopsis* Zajciw and *Stratone* Thomson on page 84].

Solangebira Santos-Silva, Botero & Nascimento, 2023: 5 [add missing date ", 2023"]

P. 84

Unatara Martins & Napp, 2007 (add a comma after "Napp")

Unatara atinga Martins & Napp, 2007: 196 (add a comma after "Napp")

P. 87

Eburiaca sinopia Martins, 1999: 153 (replace ":" with a comma after "Martins")

P. 89

Eleutho Thomson, 1864 (add a comma after "Thomson")

P. 93

Lembu Galileo, Martins & Santos-Silva, 2014: 5 (add a comma after "Santos-Silva")

Lembu dieguezi Galileo, Martins & Santos-Silva, 2014: 6 (add a comma after "Santos-Silva")

P. 94

Under *Aneflomorpha giesberti* Chemsak & Linsley, 1975, the synonymic entry:
wappesi Chemsak & Noguera, 1997: 7 (add a comma after "Noguera")

P. 96

Anelaphus cordiformis (Tyson in Bezark, Tyson & Schiff, 2013: 275) (add missing authors' names)

Under *Anelaphus magnipunctatus* (Knull, 1934), one synonymic entry:
chemsaki Linsley, 1963: 98 (add a comma after "Linsley")

P. 97

Anelaphus praeclarus Lingafelter, 2008: 359 (add a comma after "Lingafelter")

P. 99

Curtomerus piraiuba Martins & Galileo, 2006 (add a comma after "Galileo")

P. 100

Elaphidion auricomum Lingafelter, 2008: 366 (add a comma after "Lingafelter") [Note: also correct ending with -um instead of -a (see explanation in **Section 5. Gender determination of genus names and agreement of species name endings**)].

Elaphidion inclusum Vitali, 2007: 30 (add a comma after "Vitali")

Elaphidion iviei Lingafelter, 2008: 367 (add a comma after "Lingafelter")

Elaphidion nearnsi Lingafelter, 2008: 370 (add a comma after "Lingafelter")

P. 101

Elaphidion wappesi Lingafelter, 2008: 361 (add a comma after "Lingafelter")

P. 104

Mephritus hovorei Santos-Silva & Lingafelter, 2021: 1 (add a comma after "Lingafelter")

P. 105

Neomallocera opulenta (Newman, 1841: 94) (replace the period with a comma after "Newman")

P. 106

Under *Paranyssicus quadriguttatus* (Buquet, 1860: 627) [instead of "... Buquet, 1860: 627 (not Swederus, 1787)"]

Note. Author's name to be put between parentheses because the species was described in genus *Anoplomerus* Guérin-Méneville, 1844 (original combination checked in the original publication).

P. 108

Under *Psyrrassa bicolor* García & Toledo-Hernández, 2022: 199 [RN], the synonymic entry:

linsleyi Toledo, 2002: 58 (preoccupied; not Chemsak & Giesbert, 1986) [instead of "(replacement name for *linsleyi* Toledo 2002)"]

Psyrrassa lisitskyi Santos-Silva, Nascimento, Drumont & Kozlov, 2019: 2 [instead of Santos-Silva et al., 2019: 2]

Psyrrassa ludmilakozlovae Santos-Silva, Botero & Taboada-Verona, 2017: 494 [instead of Santos-Silva et. al., 2017: 494]

Psyrrassa olegkozlovi Santos-Silva, Botero & Taboada-Verona, 2017: 497 [instead of Santos-Silva et. al., 2017: 497]

Psyrrassa unisucra Santos-Silva, Botero & Taboada-Verona, 2017: 498 [instead of Santos-Silva et. al., 2017: 498]

For these items et al is used simply to conserve space; using the complete list of authors increases the lines.

The checklist is not meant to be a catalog.

P. 111

Stizocera ignea Martins, Santos-Silva, Galileo & Limeira-de-Oliveira, 2015: 604 [instead of Martins et al 2014: 604] See above comment.

P. 113

Aruama Martins & Napp, 2007 (add a comma after "Napp")

Aruama incognita Martins & Napp, 2007: 192 (add a comma after "Napp")

Aruama viridis Martins & Napp, 2007: 191 (add a comma after "Napp")

P. 115

Corupella Martins & Napp, 2007 (add a comma after "Napp")

Corupella asperata Martins & Napp, 2007: 191 (add a comma after "Napp")

P. 117

Paracorupella Martins & Galileo, 2009 (add a comma after "Galileo")

Paracorupella pallida Martins & Galileo, 2009: 530 (add a comma after "Galileo")

Paraliostola nigramacula Martins & Galileo, 2010: 558 (add a comma after "Galileo")

Trichoferus Wollaston, 1854 (add a comma after "Wollaston")

Trichoferus campestris (Faldermann, 1835: 435) (add a comma after "Faldermann" and move closing parenthesis after "435")

P. 118

Under *Calycibidion rubricolle* Galileo & Martins, 2010: 4, the synonymic entry:

bicolor Martins, Santos-Silva, Galileo & Limeira-de-Oliveira, 2014: 376 [instead of Martins et. al. 2014: 376]

P. 121

Ophthalmoplou simile Martins, Galileo & Limeira-de-Oliveira, 2009: 507 [instead of Martins, Galileo & de-Oliveira 2009: 507; add comma after "Oliveira"] / Complete author's name

P. 124

Methia elizabeth (Bezark in Bezark, Tyson & Schiff, 2013: 274) (add missing authors' names)

Methia elongata (Galileo & Martins, 2009: 162) (add a comma after "Martins")

P. 127

Under *Methicula dimidiata* Chemsak & Linsley, 1971: 118, the synonymic entry:

dimorphica Martins & Napp, 2007: 193 (add a comma after "Napp")

Piruapsis Galileo & Martins, 2006 (add a comma after "Martins")

Piruapis nigellus (White, 1855: 217) (move closing parenthesis after "217")

Piruapis vestitus (White, 1855: 217) (move closing parenthesis after "217")

P. 129

Obrium peculiare Martins & Galileo, 2011: 192 [wrong alphabetical order; to be moved between *O. obliquum* and *O. peninsulare* on the previous page (**P. 128**)]

P. 133

Temnopsis rubricollis Martins, Galileo & Limeira-de-Oliveira, 2009: 510 (add a comma after "Limeira-de-Oliveira")

Wappesoeme Galileo, Martins & Santos-Silva, 2015: 382 [instead of "20154: 382"] (delete "4"; date checked in the original publication).

P. 134

Ancylodonta Blanchard in Gay, 1851: 494 [in wrong alphabetical order, to be moved after genus *Ambeodontus* Lacordaire, 1868]

Ambeodontus Lacordaire, 1868: 374 (add a comma after "Lacordaire")

Ambeodontus tristis Fabricius, 1775: 186 (add a comma after "Fabricius" and add missing page number [checked in the original publication])

P. 138

Plectromerini Nearn & Branham, 2008: 19 (add a comma after "Branham")

Under *Pleiarthrocerus opacus* Bruch, 1914: 341 [move the misplaced distribution info "Argentina" in the right column after "... Bolivia (SC),"]

P. 139

Under *Stenophantes longipes* Burmeister, 1861, one of the synonymic entries:

cujanus Burmeister, 1865: 174 [instead of !865: 174 / replace "!" with "1"]

P. 140

Deltosoma fernandezi Dalens & Giuglaris, 2014: 6 (add a comma after "Giuglaris")

Deltosoma humeralis Dalens & Giuglaris, 2014: 4 (add a comma after "Giuglaris")

P. 141

Thelgetra adusta (Burmeister, 1865: 165) [Put author's name between parentheses because the species was described in genus *Pteroplatus*] [Note: also, correct ending: "-a" instead of "-us" (see explanation in **Section 5. Gender determination of genus names and agreement of species name endings**)].

Acutiphoderes Clarke, 2015 (add a comma after "Clarke")

Acyderophes Clarke, 2015 (add a comma after "Clarke")

P. 142

Adepimelitta Clarke, 2016: 28 (add the missing page number)

Ameriphoderes Clarke, 2015 (add a comma after "Clarke")

Amerispheca Clarke, 2015 (add a comma after "Clarke")

Anomaloderes Clarke, 2015: 27 (add a comma after "Clarke")

P. 143

Brachyphoderes Clarke, 2015 (add a comma after "Clarke")

Caprichasia tommyi (Hovore, 1989: 250) [instead of "(Hovore, 1989: 250)s" / remove the inadvertently inserted "s"]

P. 144

Cleptoides thomasi Santos-Silva, Martins & Clarke, 2013: 411 (add a comma after "Clarke")

Eclipta birai Bezark, Botero, Galileo, Lingafelter, Monné, Monné. Morris, Napp, Nearn, Santos-Silva, Skillman, Tavakilian, Thomas & Wappes, 2015: 66 [instead of "Bezark, et. al. 2015: 66"] / Complete authors names
See comment above

P. 146

Under *Epimelitta lestradei* Peñaherrera-Leiva & Tavakilian, 2003: 203 [move the misplaced distribution info "nwBrazil (AM), eEcuador, Peru" in the right column after "French Guiana"]

P. 147

Forficuladeres Clarke, 2015 (add a comma after "Clarke")

Giesbertectipta costipennis (Giesbert, 1991: 391) (add a comma after "Giesbert")

Giesbertectipta monteverdensis (Giesbert, 1991: 392) (add a comma after "Giesbert")

Grupiara viridis (Gounelle, 1911: 36) (add a comma after "Gounelle")

P. 149

Neoregostoma giesberti Clarke, 2007: 154 (add a comma after "Clarke")

Neothomasella igniventris (Giesbert, 1991: 389) (add a comma after "Giesbert")

Under *Odontocroton flavicauda* (Bates, 1873), the synonymic entry:
var. *notatisternis* Gounelle, 1911: 142 (add the missing space between "Gounelle," and "1911")

P. 150

Odontogracilis Clarke, 2018 (add a comma after "Clarke")

P. 151

Odontomelitta apicula (Bates, 1885: 289) (move closing parenthesis after "289")

Odontomelitta postimelina (Giesbert, 1996: 334) (move closing parenthesis after "334")

Oxyommata Zajciw, 1970: 153 [with sp. *collaris* (Audinet-Serville, 1833: 553)] [wrong alphabetical order; to be moved between genera *Oxylymma* Pascoe and *Panamapoda* Clarke further down on the same page].

P. 152

Paraeclipta croceicornis (Gounelle, 1911: 25) (add a comma after "Gounelle")

Paraeclipta kawensis (Peñaherrera-Leiva & Tavakilian, 2004: 128) [replace "n" with "ñ"]

The name was corrected throughout the checklist (14 replacements were made)

P. 153

Pseudacorethra Tavakilian & Peñaherrera-Leiva, 2007 [replace "n" with "ñ"]

Pseudacorethra zischkai (Tippmann, 1960: 130) (move closing parenthesis after "130")

Pseudagaone cerdai (Tavakilian & Peñaherrera-Leiva, 2007: 84 [replace "n" with "ñ"; add a comma after "Peñaherrera-Leiva"])

Pseudophygopoda Tavakilian & Peñaherrera-Leiva, 2007 [replace "n" with "ñ"; add a comma after "Peñaherrera-Leiva"; AND adjust the space between the genus name and the name of the first author]

Pseudophygopoda subvestita (White, 1855: 190) (add a comma after "White")

Rashelapso durantoni (Peñaherrera-Leiva & Tavakilian, 2004: 128) [replace "n" with "ñ"]

Rhinobatesia Clarke, 2018: 14 [delete "new genus" after the entry]

P. 154

Sphecomorpha faurei Tavakilian & Peñaherrera-Leiva, 2007 [replace "n" with "ñ"; add a comma after "Peñaherrera-Leiva"]

P. 155

Stultutragus linsleyi (Fisher, 1947: 47) (add a comma after "Fisher")

P. 156

Allorhopaliella Martins, Galileo & Santos-Silva, 2015 (add a comma after "Santos-Silva")

Allorhopaliella boliviana Martins, Galileo & Santos-Silva, 2015: 337 (add a comma after "Santos-Silva")

P. 161

Rhopalophora peruana Martins, Galileo & Santos-Silva, 2015: 380 (add a comma after "Santos-Silva")

P. 162

Callimoxys nigrinus Williams & Hammond in Hammond & Williams, 2011: 283 (add a comma after "Williams")

P. 164

Euderces lineatus Bezark & Santos-Silva, 2022: 591 [instead of santos-Silva (capital "S")]

P. 166

Gigantotrichoderes cummingi Botero, Le Tirant & Santos-Silva, 2018: 806 [instead of "Botero et. al., 2018]

P. 169

Allocerus Lacordaire, 1830: 173 [delete "(not Audinet-Serville, 1832)"]

Note. The mention of *Allocerus* by Audinet-Serville (1832: 180) did not refer to the description of a new genus; it is only a subsequent citation of Lacordaire's (1830: 173) name. The fact that Audinet-Serville cites the assertion of Lacordaire (1830: 173) according to which specimens of the type species (*specei*) live under the bark and produce no noise is an evidence of this. Therefore "(not Audinet-Serville, 1832)" should be deleted because it has no nomenclatural significance and is irrelevant.

P. 170

Allocerus dilaticornis Gory, 1832: 384 (add a comma after "Gory")

Under *Andraegoidus nigrofasciatus* Gory, 1832: pl. 43, fig. 3 [**P. 170**], among the synonymic entries:

nigrofasciatus Gory , 1832: pl. 43, fig. 3 (TO BE DELETED because it is a redundancy of the species name on the line just above)

P. 174

Under *Crossidius punctatus* LeConte, 1873: 197, three of the synonymic entries:

crassipes Casey, 1891: 32 (add space between "," and "1891")

plagiatus Casey, 1912: 336 (add space between "," and "1912")

vinosus Casey, 1924: 336 (add space between "," and "1924")

Under *Crossidius rubens* (Bates, 1885: 323), one synonymic entry:

fulva Bates, 1892: 174 (add space between "," and "1892")

Crossidius suturalis suturalis LeConte, 1858: 83 (add space between "," and "1858")

P. 175

Deltaspiopsis Eya, 2019 (add a comma after "Eya")

Deltaspis aeruginis Chemsak, Hovore & Eya in Eya, 2019 (remove the comma between "Eya" and "in Eya")

Dendrobias mandibularis mandibularis Dupont in Audinet-Serville, 1834: 42 (complete the last author's name)

P. 176

Dicranoderes annulatus Dupont, 1836: 26 (add a comma after "Dupont")

Under *Elytroleptus luteus* Dugès, 1879: 185, one of the synonymic entries:

davisi Knull, 1940: 558 (add a comma after "Knull")

P. 180

Neotaphos hamaticollis (Guérin-Méneville, 1844: 231) [instead of "... (Guerin-Meneville, ...)"]

Neoxoplus Eya, 2019 (add a comma after "Eya")

P. 181

Paragortonia discoidea (Linsley, 1935: 98) [Put author's name between parentheses because the species was described in genus *Metaleptus* Bates, 1872] [Note: also, correct ending "-a" instead of "-us" (see explanation in **Section 5. Gender determination of genus names and agreement of species name endings**)].

P. 182

Phaedinus margaritae Pineda, 2015: 67 (add a comma after "Pineda")

Under *Phaedinus martii* (Perty, 1832), one of the synonymic entries:

biplagiatus Buquet, 1840: 142 (add a space between "," and "1840")

P. 183

Pseudodeltaspis carolinae Audureau, 2008: 2 (add a comma after "Audureau")

Pseudoeriphus Zajciw, 1961: 405 (add space between "," and "1961")

P. 185

Trachyderomorpha Tippmann, 1960: 149 [wrong alphabetical order; to be moved between genera *Trachyderes* Dalman in Schoenherr and *Tragidion* Audinet-Serville on page 186].

P. 186

Under *Tragidion* Audinet-Serville, 1834, the synonymic entry:

Trichoscelis Bates, 1885: 324 (add space between "," and "1885")

P. 187

Unachlorus Martins & Galileo, 2008 (add a comma after "Galileo")

Weyrauchia marcelae Martins & Galileo, 2008: 5 (add a comma after "Galileo")

Weyrauchia marinezae Martins & Galileo, 2008: 2 (add a comma after "Galileo")

P. 188

Aneuthetochorus punctatus Martins, Galileo & Limeira-de-Oliveira, 2009: 509 [instead of Martins, Galileo & de-Oliveira 2009: 507; add comma after "Oliveira"]

P. 189

Engyum fasciatum Martins, 2009: 51 (add a comma after "Martins")

Engyum martinsi Audureau, 2015: 64 (add a comma after "Audureau")

Engyum oculare Martins, 2009: 45 (add a comma after "Martins")

Engyum vicinum Martins, Santos-Silva, Galileo & Limeira-de-Oliveira, 2015: 607 [instead of Martins et al 2014: 607] See comment above

P. 190

Under *Heterachthes* Newman, 1840: 9, one of the synonymic entries:

Ibidion (*Heterachthon*) Thomson, 1867: 134 [instead of "..., 1867: 133"]

Note. The subgenus name is simply mentioned on page 133; it is on page 134 that it is proposed and described in a key.

Heterachthes annulicornis Martins, 2009: 189 (add a comma after "Martins")

Heterachthes delicatus Martins, 2009: 191 (add a comma after "Martins")

Heterachthes exiguus Martins, 2009: 193 (add a comma after "Martins")

Heterachthes gutta Martins, 2009: 193 (add a comma after "Martins")

P. 191

Heterachthes paraiba Martins, 2009: 193 (add a comma after "Martins")

Under *Heterachthes quadrimaculatus* Haldeman, 1847, one of the synonymic entries:

fluviatilis Casey, 1912: 308 (add a comma after "Casey")

Heterachthes rafaelli Galileo & Martins, 2011: 328 (add a comma after "Martins")

Heterachthes taquatinga Martins, 2009: 192 (add a comma after "Martins")

Heterachthes v-flavum Martins, 2009: 177 (add a comma after "Martins")

Under *Hormathus* Gahan, 1890, the synonymic entry:

Trinoplion Zayas, 1975: 115 (add a comma after "Zayas")

P. 192

Kolonibidion Martins, 2009 (add a comma after "Martins")

Kolonibidion femoratum (Martins, 1971: 1457) (add a comma after "Martins")

Microibidion fiuzai Santos-Silva, Botero, Nascimento & dos Santos Martins, 2020: 13 [instead of Santos-Silva, et. al. 2020: 13]

Microibidion kawense Audureau, 2015 (add a comma after "Audureau") [Note: also, correct the ending "-e" instead of "-is" (see explanation in **Section 5. Gender determination of genus names and agreement of species name endings**)].

P. 193

Neocompsa obscura Martins, 2009: 128 (add a comma after "Martins")

Paracompsa flavofasciata (Thomson, 1867: 152) (add a comma after "Thomson")

Paracompsa latifascia (Martins, 1970: 1029) (add a comma after "Martins")

Pubescibidion Martins, 2009: 67 (add a comma after "Martins")

Pubescibidion pubescens Martins, 2009: 68 (add a comma after "Martins")

P. 194

Stenoidion nicaraguaensis Audureau, 2015: 65 (add a comma after "Audureau")

Stenoidion schmidi Martins & Galileo, 2009: 530 (add a comma after "Galileo")

P. 195

Under *Compsibidion divisum* Martins, 1969: 769, the synonymic entry:

unifasciatum Zikán & Zikán, 1944: 11 [instead of "Zikan & Zikan"; add a comma after "& Zikán")

Compsibidion marqeti Audureau, 2015: 62 (add a comma after "Audureau")

P. 196

Compsibidion punga Martins & Galileo, 2007: 317 (add a comma after "Galileo")

Compsibidion taperu Martins & Galileo, 2007: 326 (add a comma after "Galileo")

Compsibidion uniforme Galileo & Martins, 2011: 328 (add a comma after "Martins")

Cydnidolon apicale Martins & Galileo, 2007: 233 (add a comma after "Galileo")

Cydnidolon clarkei Martins & Galileo, 2007: 232 (add a comma after "Galileo")

P. 197

Neopotiatsuca Martins & Galileo, 2008: 280 [in wrong alphabetical order, to be moved between genera *Neoibidion* Monné and *Ophthalmibidion* Martins on the same page]

Neopotiatsuca brevis Martins & Galileo, 2007: 199 (add a comma after "Galileo")

Rhysium spilotum Martins & Galileo, 2007: 197 (add a comma after "Galileo")

P. 198

Gnomibidion flavum Martins & Galileo, 2007: 48 (add a comma after "Galileo")

Under *Minibidion captiosum* Martins & Galileo, 2012: 208, the synonymic entry:

bicolor Martins, Galileo & Limeira-de-Oliveira, 2011: 281 [add comma after "Oliveira"] [Note: also, correct the ending "-um" instead of "-us" (see explanation in **Section 5. Gender determination of genus names and agreement of species name endings**)].

P. 199

Under *Minibidion punctipenne* Martins, 1968: 339, the synonymic entry:

comatum: Gounelle, 1909: 677 (not Audinet-Serville, 1834) [complete author's name]

Minibidion unifasciatum Martins & Galileo, 2007: 24 (add a comma after "Galileo")

Perissomerus rubrus Martins & Galileo, 2007: 80 (add a comma after "Galileo")

Perissomerus ruficollis Martins, 1961: 187 [Adjust the left indentation (one space to the left)]

Thoracibidion rubripenne Martins, Santos-Silva, Galileo & Limeira-de-Oliveira, 2015: 610 [instead of Martins et. al. 2014: 610]

P. 200

Under *Tropidion brevisculum* (Thomson, 1867: 147), one of the synonymic entries:

geniculatum Zikán & Zikán, 1944: 12 [instead of "Zikan & Zikan"; add a comma after "& Zikán"]

Tropidion ecoparaba Martins & Galileo, 2007: 140 (add a comma after "Galileo")

P. 201

Under *Tropidion sipolisi* (Gounelle, 1909: 681), one of the synonymic entries:

breviusculum Zikán & Zikán, 1944: 12 (preoccupied; not Thomson, 1867) [instead of "Zikan & Zikan"; add a comma after "& Zikán"]

Tropidion tendyra Martins & Galileo, 2007: 134 (add a comma after "Galileo")

P. 203

In section "*Incertae sedis*":

Cerambyx tristis Schoenherr, 1817: 363 [instead of Schonherr]

Note. The other option is to write Schönherr (with an umlaut on the "o") but then you would have to change the numerous "Schoenherr" for "Schönherr" in order to be consistent throughout the checklist (a total of only 3 "Schonherr" in the checklist). All instances changed to Schoenherr

In section "Cerambycine taxa of uncertain identity":

Clytus carinatus Laporte & Gory, 1836: 19 [instead of "Laporte & Gory 1835: 19" / add a comma after "Gory"]

P. 205

Alcidion inornatum Monné & Monné, 2007: 1038 (add a comma after "& Monné")

Alloeomorphus formosus Monné & Monné, 2011: 175 (add a comma after "& Monné")

Amniscites pelta Audureau, 2018: 15 (add a comma after "Audureau")

P. 207

Atelographus decoratus Monné & Monné, 2011: 172 (add a comma after "& Monné")

Atrypanius implexus (Erichson, 1847: 146) (add a comma after "Erichson")

P. 208

Baryssinus giesberti Monné & Monné, 2007: 1039 (add a comma after "& Monné")

Baryssinus mimus Monné & Monné, 2007: 1039 (add a comma after "& Monné")

P. 209

Under *Brevoxathres* Gilmour, 1959, the synonymic entry:

Sciadosurus Gilmour, 1959: 33 (add a comma after "Gilmour")

Brevoxathres irrorata Monné, 2007: 293 (add a comma after "Monné")

Brevoxathres seabrai Monné, 2007: 293 (add a comma after "Monné")

Carphina melanura Monné & Monné, 2007: 1039 (add a comma after "& Monné")

P. 211

Eugamandus flavipes Fisher, 1935: 59 [instead of Fisher, 1935: 59; delete "Nealcidon", inadvertently inserted in the date].

Eugamandus ricarti Micheli, 2003: 194 [reduce the font size (most likely from 10 to 9pt) for "Micheli, 2003: 194" to the standard one for "author, date: page"]

P. 212

Georgeana azurea Monné & Monné, 2011: 175 (add a comma after "& Monné")

P. 213

Hylettus coenobita (Erichson, 1847: 145) (add a comma after "Erichson")

Under *Hyperplatys maculatus* Haldeman, 1847: 49, among the synonymic entries:

binocularis Casey, 1913: 328 (add a comma after "Casey")

Note. also correct ending *-us* instead of *-a* (see explanation in **Section 5. Gender determination of genus names and agreement of species name endings**)

P. 214

Kallyntrosternidius Vitali, 2009 (add a comma after "Vitali") [AND adjust the space between the genus name and the name of the author]

Lagocheirus delestali Toledo & Esteban, 2008: 27 (add a comma after "Esteban")

Lagocheirus kathleenae Hovore in Toledo, 1998: 25 (remove the comma after "Hovore")

P. 215

Leptocometes antonkozlovi Monné, Nascimento, Monné & Santos-Silva, 2019: 501 [instead of "Monné et. al., 2019"] / Complete authors names

P. 216

Under *Leptostylopsis terraecolor* (Horn, 1880: 122), one of the synonymic entries:

transversatus: LeConte, 1878: 414 (misidentification; not Jacquelin Du Val, 1857) [complete the author's name]

P. 218

Under *Lepturges* (*Chaeturges*) *inscriptus* Bates, 1863: 371, one of the synonymic entries:

fragillimus: Bates, 1874: 230 (misidentification; not Bates, 1863) [instead of "*fragillima* Bates, 1873: 230 (not Bates, 1863)"] [add a colon]

Note. For sake of consistency, the synonyms should be listed in the Checklist only in their original spelling as proposed in their original combination (*Lepturges fragillimus*) (spelling checked in the original publication).

P. 220

Lepturges (*Lepturges*) *onorei* Santos-Silva, Nascimento, Botero & McClarin, 2021: 260 [instead of Santos-Silva et. al., 2021: 3 / Complete authors names; page checked in the original paper edition (see in Section 3, sub-section G)]

Lepturges (*Lepturges*) *peruviensis* Audureau, 2018: 19 (add a comma after "Audureau")

Lepturges (*Lepturges*) *vigneaulti* Audureau, 2018: 19 (add a comma after "Audureau")

P. 221

Luctithonus pantherinus (Zayas, 1975: 274) (add a comma after "Zayas")

P. 222

Moneilema annulatum Say, 1824: 404 (add a comma after "Say")

P. 223

Nealcidion antonkozlovi Monné, Nascimento, Monné & Santos-Silva, 2019: 497 [instead of "Monné et. al., 2019"]

P. 224

Nealcidion ghiae Santos-Silva, Nascimento, Botero & McClarin, 2021: 262 [instead of "Santos-Silva et. al. 2021: 5" / Complete authors names; page checked in the original paper edition (see in Section 3, sub-section G)]

Neoeutrypanus maculatus Monné, 1985: 372 [add a comma after "Monné"]

P. 225

Nyssodrysternum drumonti Audureau, 2018: 16 (add a comma after "Audureau")

P. 227

Onalcidion antonkozlovi Monné, Nascimento, Monné & Santos-Silva, 2019: 500 [instead of "Monné et. al., 2019"] / Complete authors names]

Onalcidion lingafelteri Audureau, 2018: 17 (add a comma after "Audureau")

P. 228

Paratrachonius caesus Monné & Monné, 2011: 178 [add a comma after "& Monné"]

Under *Paroecus* Bates, 1863, one of the synonymic entries:

Lepturguncus (*Chaeturguncus*) Gilmour, 1961: 350 (add a comma after "Gilmour")

Pattalinus Bates, 1881: 165 (add a comma after "Bates")

P. 229

Priestola mazai Santos-Silva, Nascimento, Botero & McClarin, 2021: 273 [instead of "Santos-Silva et. al. 2021: 16 new species" / Complete authors names; page checked in the original paper edition (see in Section 3, sub-section G) / DELETE "new species"]

Piezochaerus bondari Melzer, 1932: 439 (add a comma after "Melzer")

Piezochaerus marcelae Mermudes, 2008: 312 (add a comma after "Mermudes")

Piezochaerus melzeri Mermudes, 2008: 312 (add a comma after "Mermudes")

Piezochaerus monnei Mermudes, 2008: 312 (add a comma after "Mermudes")

P. 230

Pseudocriopsis abare Monné., De S. Souza, De Mello & Monné, 2020: 514 [instead of "Monné et. al. 2020: 514"] / Complete authors names]

Under *Pseudocriopsis modesta* Melzer, 1934: 196 [move the misplaced distribution info "se Brazil (MG-SP)" to the right column]

P. 232

Sternidius LeConte, 1873: 234 [instead of "... 1873: 234 (part)" / delete "(part)"]

P. 233

Sternidius vicinus (Haldeman, 1847: 49) [the author between parentheses]

Note. Add parentheses since the species was described in genus *Amniscus* in Haldeman 1847c (original combination checked in the original publication).

P. 235

Tropanysochus kozlovi Santos-Silva, Nascimento, Botero & McClarin, 2021: 274 [instead of "Santos-Silva et. al. 2021: 17" / Complete authors names; page checked in the original paper edition (see in Section 3, sub-section G)]

P. 236

Tropidozineus salazarae Santos-Silva, Nascimento, Botero & McClarin, 2021: 277 [instead of "Santos-Silva et. al. 2021: 20" / Complete authors names; page checked in the original paper edition (see in Section 3, sub-section G)]

P. 237

Urgleptes keili Santos-Silva, Nascimento, Botero & McClarin, 2021: 279 [instead of "Santos-Silva et. al. 2021: 22" / Complete authors names; page checked in the original paper edition (see in Section 3, sub-section G)]

Urgleptes navarretei Santos-Silva, Nascimento, Botero & McClarin, 2021: 282 [instead of "Santos-Silva et. al. 2021: 25" / Complete authors names; page checked in the original paper edition (see in Section 3, sub-section G)]

P. 239

Aegomorphus geminus (Galileo & Martins, 2012: 62) (add a comma after "Martins")

Aegomorphus gigas (Galileo & Martins, 2012: 63) (add a comma after "Martins")

P. 240

Aegomorphus consentaneus (Thomson, 1865: 544) [add parentheses]

Note. add parentheses since the species was described in genus *Psapharochrus* (checked in the original publication).

P. 241

Aegomorphus robustus Santos-Silva, Botero & Wappes, 2019: 30) (add a comma after "Wappes")

P. 243

Catuana Martins & Galileo, 2008 (add a comma after "Galileo")

Cotyzineus Martins & Galileo, 2007 (add a comma after "Galileo")

P. 245

Under *Macronemus asperulus* White, 1855: 376, the synonymic entries:

verrucosus Pascoe, 1866: 281 [instead of "*verrucosus*(Pascoe, 1866: 281"/ remove the opening parenthesis between "*verrucosus*" and "Pascoe"]

Miguelmonneus Silva Júnior, Haseyama & Souza, 2021: 9 [instead of "Silva Junior, ..."]

P. 246

Nesozineus unicolor Martins, Galileo & Limeira-de-Oliveira, 2009: 517 [instead of "Martins, Galileo & de-Oliveira, 2009" / Complete author's name]

P. 247

Plistonax albituberculatus Silva Júnior & Souza, 2019: 393 [instead of "Silva Junior, ..."]

Plistonax antonkozlovi Santos-Silva, Nascimento & Silva Júnior, 2020: 547 [instead of "... & Silva Junior, 2020"]

Plistonax pictus (Galileo & Martins, 2012: 65) (add a comma after "Martins")

P. 249

Scythropsis intricata Santos-Silva, Botero & Wappes, 2019: 15 (add a comma after "Wappes")

P. 250

Symperasmus affinis Thomson, 1865: 544 [instead of (Thomson, 1865: 544)] [remove parentheses]

Note. The species was described in genus *Symperasmus* (original combination checked in the original publication).

P. 251

Oreodera cangaceira Nascimento, Rodrigues de Souza & Bravo, 2021: 2490 (add a comma after "Bravo")

P. 255

Holoaerenica multipunctata (Lepeletier & Audinet-Serville in Latreille, 1825: 335 (complete the author's name)

P. 257

Under *Rumacon* Blackwelder, 1946: 627, the synonymic entry:

Spegazziniella Bruch, 1926: 347 (preoccupied; not Jørgensen, 1913, Hymenoptera) [instead of "... (not Jørgensen, 1913)"]

P. 258

Aprosopus d'Orbigny, 1842: 40 (add a comma after "d'Orbigny")

Aprosopus buqueti d'Orbigny, 1842: 40 (add a comma after "d'Orbigny")

P. 259

Pachypeza ferruginea Martins, Galileo & Limeira-de-Oliveira, 2009: 520 [instead of "Martins, Galileo & de-Oliveira, 2009"]

P. 262

Demophoo Thomson, 1864 (add a comma after "Thomson")

P. 263

Phacellocerina seclusa Lane, 1964: 181 (add a comma after "Lane")

P. 266

Amphicnaeia bezarki Wappes, Santos-Silva & Galileo, 2019: 4 (add the page "4")

P. 267

Amphicnaeia fuscofasciata Wappes, Santos-Silva & Galileo, 2019: 5 (add the page "5")

Amphicnaeia gouverneuri Vitali, 2021: 261 (add a comma after "Vitali")

Amphicnaeia panamensis Wappes, Santos-Silva & Galileo, 2019: 2 (add the page "2")

Amphicnaeia rileyi Wappes, Santos-Silva & Galileo, 2019: 7 (add the page "7")

Apomorrisia pulchra (Santos-Silva, Nascimento & Wappes, 2019: 17) [add parentheses since the species was originally described in another genus (*Morrisia*)]

Apomorrisia squamosa (Chemsak & Noguera, 1993: 90) [wrong alphabetical order; to be moved after *A. skillmani*].

P. 268

Bisaltes (*Bisaltes*) *confusa* Juarez-Noe, Gonzalez-Coronado & Bezark, 2022: 184 (add a comma after "Bezark")

P. 269

Under *Dorcasta* Pascoe, 1858, two of the synonymic entries:

Gnaphalocera: Dejean, 1835: 349 (nomen nudum) [add a comma after "Dejean"]

Note. this name is a *nomen nudum* (not described and not including an available species (ICZN 1999, article 12.2.5).

Gnaphalocera Chevrolat in d'Orbigny, 1845: 245 (add a comma after "... d'Orbigny")

Under *Dorcasta dasycera* (Erichson in Schomburgk, 1848: 574) (nomen protectum)

P. 271

Phrynidius nayaritensis Heffern, Nascimento & Santos-Silva, 2018: 70 [instead of "Heffern et al. 2018"]

P. 275

Callia purpureipennis Gistel, 1848: 431 [instead of "(Gistel, 1848: 431)"] / parentheses to be removed since the name was established in the genus *Callia* (checked in the original publication)]

P. 281

Colobothea hieroglyphica (Schoenherr, 1817: 421)

AND under *Colobothea hirtipes* (DeGeer, 1775: 419), one of the synonymic entries:

virens Schoenherr, 1817: 421

For both, Schoenherr instead of Schonherr

Note. The other option is to write Schönherr (with an umlaut over the "o") but then you will have to change the many "Schoenherr"s to "Schönherr"s to be consistent throughout the checklist (a total of only 3 "Schonherr" in the Checklist).

P. 283

Piriana tricuspis (Belon, 1903: 70) [add parentheses]

Note. Parentheses needed because the species was described in genus *Carterica* Pascoe, 1858; original combination checked in the original publication.

P. 287

Descarthria boricua Micheli, 2003: 200 [adjust the font size for the species name (too large)]

LGB: same with Puerto Rico

P. 288

Atelodesmis mannerheimii Duponchel & Chevrolat, 1841: 287 (add a comma after "Chevrolat").

P. 294

Estoloides jaliscana Heffern, Nascimento & Santos-Silva, 2018: 60 [instead of "Heffern et al, 2018: 60"]

Estoloides medvegyi Audureau, 2020: 42 (add a comma after "Audureau")

Etyma Galileo & Martins, 2012 (add a comma after "Martins").

Etyma curu Galileo & Martins, 2012: 107 (add a comma after "Martins")

Etyma icima Galileo & Martins, 2012: 108 (add a comma after "Martins")

P. 295

Eupogonius arizonensis Knull, 1957: 127 [move the misplaced distribution info "swUSA (AZ)," in the right column before "Mexico (SO, SI, JA), Guatemala (ZA, BV, AV)"]

Eupogonius fuscovitatus Breuning, 1974: 26 (add a comma after "Breuning")

P. 296

Eupogonius wappesi Lingafelter, Morris, Skillman & Santos-Silva, 2021: 15 [instead of "Lingafelter et al., 2021: 15"]

P. 298

Mimasyngenes barbozai Martins, Galileo & Limeira-de-Oliveira, 2011: 288 [instead of "Martins, Galileo & Oliveira, 2011"]

P. 299

Under *Piruauna* Galileo & Martins, 1998: 150, add the following synonymic entry:

Piruauna: Martins, Galileo & Limeira-de-Oliveira, 2009: 518 (misspelling)

Piruauna pulchra Martins, Galileo & Limeira-de-Oliveira, 2009: 518 [instead of "..., Martins, Galileo & de-Oliveira, 2009: 518"]

Pogonillus panamensis Heffern, Nascimento & Santos-Silva, 2018: 64 [instead of "Heffern et al, 2018: 65"]

P. 300

Tesapeus Galileo & Martins, 2012: 109 (add a comma after "Martins").

Tesapeus disjunctus Galileo & Martins, 2012: 110 (add a comma after "Martins").

P. 301

Elytracanthini Bousquet in Bousquet, Heffern, Bouchard & Nearn, 2009: 30 [instead of "Bousquet 2009: 30" / with the missing comma before "2009").

Iquiracetima venturai Santos-Silva, Botero, Nascimento & dos Santos Martins, 2020: 15 [instead of "Santos-Silva, et. al. 2020: 15"]

P. 304

Hemilophini Thomson, 1868: 189 (add a comma after "Thomson")

P. 305

Adesmus culiki Santos-Silva, Botero, Nascimento & dos Santos Martins, 2020: 16 [instead of Santos-Silva, et. al. 2020: 16 / add a comma after authors' names]

Adesmus monnei Galileo & Martins, 2009: 5 [instead of "*monnéi*" / replace "é" with "e"]

P. 307

Callanga ashaninka Santos-Silva, Heffern, Botero & Nascimento, 2020: 10 (add a comma after "Nascimento")

Calocosmus hispaniolae Fisher, 1925: 15 (add a comma after "Fisher")

P. 309

Dylobolus rotundicollis Thomson, 1868: 196 [instead of "(Thomson, 1868: 196)" / parentheses to be removed since the species was described in genus *Dylobolus*].

P. 310

Eranina rondonia Galileo & Martins, 2008: 385 (add a comma after "Martins")

P. 311

Eraninella longiscapus (Bates, 1881: 294) (add a comma after "Bates")

Fredlanea lazulina Santos-Silva, Heffern, Botero & Nascimento, 2020: 12 (add a comma after "Nascimento")

Fredlanea wilderi Juarez-Noe & Gonzalez-Coronado, 2020: 49 (add a comma after "-Coronado")

P. 313

Icupima ampliata Martins, Galileo & Tavakilian, 2008: 284 (add a comma after "Tavakilian")

P. 315

Lapazina Lane, 1973: 409 [instead of "1973: 409\" (remove the backslash mark inadvertently inserted after "409")]

P. 318

Schmidarius Santos-Silva, Heffern, Botero & Nascimento, 2020 (add a comma after "Nascimento")

kondratieffi Santos-Silva, Heffern, Botero & Nascimento, 2020 (add a comma after "Nascimento")

P. 319

Tarapiampa Martins & Galileo, 2015: 275, [remove the comma after "275"]

P. 320

Anoplophora glabripennis (Motschulsky, 1853: 48) (add a comma after "Motschulsky")

P. 321

Hebestola pullata (Haldeman, 1847: 55) [instead of "1845: 54"] / Add a closing parenthesis mark after "55"].

P. 322

Monochamus maculosus Haldeman, 1847: 51 [wrong alphabetical order; to be moved between *M. clamator* LeConte and *M. marmorator* Kirby].

P. 324

Laticraniini Lane, 1959: 312 (add a comma after "Lane")

P. 326

Cacostola bimaculata Martins, Galileo & Limeira-de-Oliveira, 2009: 521 [instead of "Martins, Galileo & de-Oliveira, 2009: 521"]

Cacostola parafusca Martins, Galileo & Limeira-de-Oliveira, 2009: 521 [instead of "Martins, Galileo & de-Oliveira, 2009: 521"]

P. 328

Eudesmus ferrugineus (Thomson, 1860: 72) [instead of 1861: 72] / author's name, date and page in parentheses because the species was described in combination with genus *Larvica*.

P. 333

Oncideres aurivillii Galileo & Martins, 2011: 93 [instead of "Galileo & Martins, 2011: 93 Bolivia (CO)"; move the misplaced distribution info "Bolivia (CO)" in the distribution column]

P. 337

Pseudobeta casariae Nascimento, Nearn, Botero, Santos-Silva & dos Santos Martins, 2020 : 7 [instead of "Nascimento et. al. 2020: 7" / with the missing comma after the last author's name]

P. 338

Trachysomus verrucosus (Olivier, 1792: 458) [add parentheses; Note: also, correct the ending: "-us" instead of "-a" (see explanation in **Rubric 5. Gender determination of genus names and agreement of species name endings**)].

Note. Parentheses needed since the species was originally established as *Lamia verrucosa*.

P. 339

Trestonia rugosicollis Martins, Galileo & Limeira-de-Oliveira, 2009: 522 [instead of "Martins, Galileo & de-Oliveira, 2009: 522"]

P. 340

Caudelytra quadrispinosa Franz, 1954: 222 (add a comma after "Franz")

P. 341

Under *Parmenosoma* Schaeffer, 1908: 343, one of the two species listed:

villosa (Bates, 1885: 335) TO BE REMOVED since the species was returned by Bezark & Santos-Silva (2023: 27) in its original genus *Parmena* under which it is already listed on the same page (species name transferred in *Parmena* but its deletion from under *Parmenosoma* was most likely forgotten).

P. 342

Phrynetini Thomson, 1864: 71 (add a comma after "Thomson")

Under *Phryneta verrucosa* (Drury, 1773: 90), one of the synonymic entries:

sternutator Fabricius, 1775: 172 (adjust the left indentation so that the name BE MOVED into the synonym column)

P. 345

Under Polyrrhaphidini Thomson, 1860: 30 (add a comma after "Thomson").

Polyrrhaphis armiger (Schoenherr, 1817: 381) / the missing parentheses TO BE ADDED since it was described in genus *Lamia*.

P. 346

Anobrium minimum Martins, Galileo & Limeira-de-Oliveira, 2009: 523 [instead of Martins, Galileo & de-Oliveira 2009: 523]

P. 347

Cryptocranium Lacordaire, 1830 (add a comma after "Lacordaire").

P. 348

Under *Ophthalmocydrus semiorbifer* Aurivillius, 1830, the synonymic entry:

schmidi Martins & Galileo, 2009: 531 (add a comma after "Galileo").

P. 352

Tapeina coronata coronata Lepeletier & Audinet-Serville in Latreille, 1828: 546 (complete the author's name)

AND under it, one of the synonymic entries:

picea Lepeletier & Audinet-Serville in Latreille, 1828: 546 (complete the author's name)

Tapeina dispar Lepeletier & Audinet-Serville in Latreille, 1828: 546 (complete the author's name)

Under *Tapeina erectifrons erectifrons* Thomson, 1857: 43, the synonymic entry:

coronata: Gerstaecker, 1858: 329 (misidentification; not Lepeletier & Audinet-Serville in Latreille, 1828) [complete the author's name]

Under *Tapeina hylaeana* Marinoni, 1972: 34, the synonymic entry:

dispar: Bates, 1866: 196 (misidentification; not Lepeletier & Audinet-Serville in Latreille, 1828) [complete the author's name]

P. 353

Phaea hirsuticollis Kasatkin, 2020: 53 (add a comma after "Kasatkin").

Phaea mehli Kasatkin, 2020: 55 (add a comma after "Kasatkin").

P. 354

Under *Tetraopes femoratus* LeConte, 1847: 93, one of the synonymic entries:

fortis Casey, 1913: 384 (add a comma after "Casey").

P. 355

Under *Xenofrea* Bates, 1885: 373, the synonymic entry:

Freocoreopsis Teocchi, Sudre & Jiroux, 2015: 31 (add a comma after "Jiroux").

P. 356

Xenofrea mariae Nascimento, Nearn, Botero, Santos-Silva & dos Santos Martins, 2020 : 9 [instead of "Nascimento et. al. 2020: 9" / with the missing comma before " 2020"]

Under *Xenofrea senecauxi* Néouze & Tavakilian, 2005: 153, the synonymic entry:

juheli Teocchi, Sudre & Jiroux, 2015: 31 (add a comma after "Jiroux").

Xenofrea simplicioi Santos-Silva, Botero, Nascimento & dos Santos Martins, 2020 : 18 [instead of "Santos-Silva et. al. 2020: 18" / with the missing comma after the last author's name]

In **References** section

The references, pp. 357 to 499, and the entries in the Indexes pp. 500 to 502 have not yet been systematically checked, but a few mistakes found by chance are corrected below:

P. 405

Under Gilmour, E.F., complete the reference as follows:

1959. On the Neotropical Acanthocinini VI (Coleoptera, Cerambycidae, Lamiinae). Some new genera and species II. **Anal. Soc. Biol.**, 1959: 23-38, 1 pl.

P. 456

Under Napp, D.S. & Martins, U.R.:

REPLACE:

2002. *Eryphus* Perty, e *Tacyba*, novo genero de Heteropsini (Coleoptera: Cerambycidae). **Rev. Bras. Ent.**, **46(1)**: 83-92, ? figs.

2002. *Unabiara*, um novo genero de Heteropsini, Lacordaire, 1869. **Rev. Bras. Ent.**, **46(1)**: 83-92, 36 figs.

WITH:

2002. *Unabiara*, um novo gênero de Heteropsini Lacordaire, 1869 (Coleoptera, Cerambycidae). **Rev. Bras. Ent.**, **46(1)**: 71–76, 36 figs.

2002. *Eryphus* Perty, 1832 e *Tacyba*, um novo gênero de Heteropsini (Coleoptera, Cerambycidae, Cerambycinae). **Rev. Bras. Ent.**, **46(1)**: 83–92, 13 figs.

In **Index to Current Genera**

P. 508

ADD: "Dere White, 67" between *Derancistrus* and *Deretrachys*.

P. 523

Tomentgaurotes Podany, 48 [ADD missing "y" at the end of the author's name]

Section 3

Changes in authors, dates and pages of descriptions

This section contains seven sub-sections:

A. Corrections to dates of description of new taxa proposed by Audinet-Serville in *Nouvelle classification de la famille des longicornes (suite)*, pages 528–573 in *Annales de la Société entomologique de France* 2

- B. Corrections to publication dates of species described by Laporte & Gory in *Monographie du genre Clytus*
- C. Corrections to dates of description of new taxa proposed by Lacordaire in *Histoire naturelle des insectes. Genera des Coléoptères*.
- D. Adjustments to dates and pages of description of species described by G.A. Olivier in the fourth volume of *Entomologie, ou histoire naturelle des insectes*.
- E. Corrections to dates of description of species described by Palisot de Beauvois in *Insectes recueillis en Afrique et en Amérique, dans les Royaumes d'Oware et de Bénin, à Saint-Domingue et dans les États-Unis, pendant les années 1786-1797*.
- F. Corrections to dates and pages of description of taxa described by Thomson in *Essai d'une classification de la famille des Cérambycides et matériaux pour servir à une monographie de cette famille*.
- G. Corrections to authors, dates and pages of description of taxa described in works of other authors.

Note. To be accurate, "Gemminger & Harold, 1872 or 1873" should be replaced by Gemminger in Gemminger & Harold, 1872 or 1873 throughout the Checklist.

Gemminger & Harold's *Catalogus coleopterorum hucusque descriptorum synonymicus et systematicus* was issued in 12 volumes from 1868 to 1876. The two authors shared the authorship of the different parts of the catalogue. The Cerambycidae (pp. 2751-3216) were treated in Tom. IX (pp. 2669–2988, 1872) and X (pp. 2989–3232, 1873) and Gemminger is the sole author of these two parts (see Bousquet 2016: 205-206).

A. Corrections to dates of description of new taxa proposed by Audinet-Serville in *Nouvelle classification de la famille des longicornes (suite)*.

This part of Audinet-Serville's work is in issue # 4 of the *Annales de la Société entomologique de France* 2 [1833], pages 447–573, published in March 1834 (Evenhuis 2016).

Note. The statement "(Séance du 2 octobre 1833)" under the title of the article on page 528 is irrelevant; this is the equivalent of today's "submission date".

Page 51

Achryson Audinet-Serville, 1834: 572 [instead of "1833: 572"]

P. 79

Rosalia Audinet-Serville, 1834: 561 [instead of "1833: 561"]

P. 93

Eurymerus Audinet-Serville, 1834: 566 [instead of "1833: 566"]

Eurymerus eburioides Audinet-Serville, 1834: 566 [instead of 1833: 566]

P. 103

Mallocera Audinet-Serville, 1834: 567 [instead of "833: 567"]

Mallocera glauca Audinet-Serville, 1834: 567 [instead of "1833: 567"]

P. 130

Malacopterus Audinet-Serville, 1834: 565 [instead of "1833: 565"]

P. 141

Acyphoderes Audinet-Serville, 1834: 549 [instead of "1833: 549"]

P. 148

Under *Neoregostoma* Monné & Giesbert, 1992: 250, the synonymic entry:

Oregostoma Audinet-Serville, 1834: 551 [instead of "833: 551"]

Under *Neoregostoma coccineum* (Gory in Guérin-Méneville, 1831: pl. 44, fig. 7), the synonymic entry:

rubricorne Audinet-Serville, 1834: 553 [instead of "1833: 553"]

Neoregostoma discoideum (Audinet-Serville, 1834: 552) [instead of "1833: 552"]

P. 149

Odontocera Audinet-Serville, 1834: 546 [instead of "1833: 546"]

Odontocera cylindrica Audinet-Serville, 1834: 548 [instead of "1833: 548"]

Under *Odontocera fasciata* (Olivier, 1800: 10), the synonymic entry:

vitrea Audinet-Serville, 1834: 547 [instead of "1833: 547"]

P. 151

Oregostoma Audinet-Serville, 1834: 551 [instead of "1833: 551"]

Oregostoma nigripes Audinet-Serville, 1834: 552 [instead of "1833: 552"]

Oxyommata collaris (Audinet-Serville, 1834: 553) [instead of "1833: 553"]

P. 153

Rhinotragus analis Audinet-Serville, 1834: 550 [instead of "1833: 550"]

P. 154

Under *Rhinotragus festivus* Perty, 1832: 94, the synonymic entry:

suturalis Audinet-Serville, 1834: 550 [instead of "1833: 550"]

P. 155

Tomopterus Audinet-Serville, 1834: 544 [instead of "1833: 544"]

Tomopterus staphylinus Audinet-Serville, 1834: 545 [instead of "1833: 545"]

P. 159

Disaulax Audinet-Serville, 1834: 562 [instead of "1833: 562"]

P. 183

Polyschisis Audinet-Serville, 1834: 564 [instead of "1833: 564"]

P. 186

Tragidion Audinet-Serville, 1834: 541 (in key) [instead of "1834: 89"]

B. Corrections to the publication dates of species described by Laporte & Gory in *Monographie du genre Clytus*

In the Checklist, *Neoclytus pusillus* is dated 1835 and its junior synonym, *guianensis*, 1838, although both have been described on the same page 22 of *Monographie du genre Clytus*. This illustrates the inconsistencies found in the Checklist regarding the dates of description of taxa established in Laporte &

Gory's monograph. In the References section of the Checklist, the *Monographie du genre Clytus* is cited as having been published in 1836. Yet, in the list itself, most of the taxa described in this monograph are dated 1838, a few are dated 1835; none are dated 1836. They are currently included in genera *Microclytus* LeConte, 1873; *Clytoleptus* Casey, 1912; *Clytus* Laicharting, 1784; *Cotyclytus* Martins & Galileo, 2011; *Dexithea* Thomson, 1864; *Isotomus* Mulsant, 1863; *Itaclytus* Martins & Galileo, 2011; *Mecometopus* Thomson, 1860; *Megacyllene* Casey, 1912; *Neoclytus* Thomson, 1860; *Ochraethes* Chevrolat, 1860; *Pirangoclytus* Martins & Galileo, 2011; *Placosternus* Hopping, 1837; *Trichoxys* Chevrolat, 1860; *Xylotrechus* Chevrolat, 1860; and *Eudercus* LeConte, 1850.

The monograph constitutes a part of the work "*Histoire naturelle et iconographie des insectes Coléoptères, publiée par monographies séparées*" issued in 52 "livraisons" from 1835 to 1840. The monograph on the genus *Clytus* totals 124 pages and was issued in four "livraisons", Nos 8 to 11, published respectively no later than July-September 1836, 24 October 1836, 21 December 1836, and 15 February 1837 (see Bousquet 2016: 318-319). The contents of the work are known to modern entomologists only through a complete reissue published in book form in 1841 under the title "*Histoire naturelle et iconographie des insectes coléoptères, par H. Gory. Monographie des Clytus. Texte et planches, tome III*" with the order of authors reversed to Gory & Laporte on the second title page due to a printer's error (Bousquet 2016: 319).

It is not yet possible to unequivocally deduce from the 1841 monograph the date of publication of all taxa described in the original 1836-37 livraisons because the numbers of the last page of livraison 3 (XII.1836) and of first page of livraison 4 (II.1837) of the original work are unknown, as are the last taxon treated in 1836 and the first one treated in 1837. If we assume that the four parts have approximately the same number of pages (32 since the work is in octavo format), most of the taxa described up to page 96 could have been published before the end of December 1836, and those from page 97 published not later than 15 February 1837. Evidences confirming this hypothesis remains to be found. Regardless, in the *References* section the date of the work should be changed to 1836-1837. Below, species established up to page 96 are dated 1836 and from page 97 to the end (p. 124) are dated 1837.

P. 54

Microclytus compressicollis (Laporte & Gory, 1837: 106) [instead of "Laporte & Gory, 1835: 106"]

P. 68

Clytoleptus albofasciatus (Laporte & Gory, 1836: 96) [instead of "Laporte & Gory, 1838: 96"]

Clytus marginicollis Laporte & Gory, 1836: 41 [instead of "Laporte & Gory, 1838: 41"]

Clytus montesuma Laporte & Gory, 1836: 42 [instead of "Laporte & Gory, 1838: 42"]

Cotyclytus dorsalis (Laporte & Gory, 1836: 23) [instead of "Laporte & Gory, 1838: 23"]

P. 69

Cotyclytus sobrinus (Laporte & Gory, 1836: 29) [instead of "Laporte & Gory, 1838: 29"]

Dexithea klugii (Laporte & Gory, 1836: 51) [instead of "Laporte & Gory, 1835: 51"]

Under *Isotomus comptus* (Mannerheim in Hummel, 1825: 36), two of the synonymic entries:

pubicollis Laporte & Gory, 1836: 73 [instead of "Laporte & Gory, 1838: 73"]

insularis Laporte & Gory, 1836: 74 [instead of "Laporte & Gory, 1838: 74"]

Itaclytus olivaceus (Laporte & Gory, 1836: 30) [instead of "Laporte & Gory, 1838: 30"]

Mecometopus globicollis (Laporte & Gory, 1836: 32) [instead of "Laporte & Gory, 1838: 32"]

And under it, two of the synonymic entries:

troglydites Laporte & Gory, 1836: 33 [instead of "Laporte & Gory, 1838: 33"]

curtus Laporte & Gory, 1836: 34 [instead of "Laporte & Gory, 1838: 34"]

Mecometopus leprieuri (Laporte & Gory, 1836: 29) [instead of "Laporte & Gory, 1838: 29"]

P. 70

Under *Megacyllene angulata* (Fabricius, 1775: 192), two of the synonymic entries:

cayennensis Laporte & Gory, 1836: 10 [instead of "Laporte & Gory, 1838: 10"]

chiliensis Laporte & Gory, 1836: 11 [instead of "Laporte & Gory, 1838: 11"]

Megacyllene boryi (Laporte & Gory, 1836: 12) [instead of "Laporte & Gory, 1838: 12"]

Megacyllene castanea (Laporte & Gory, 1836: 10) [instead of "Laporte & Gory, 1838: 10"]

Megacyllene congener (Laporte & Gory, 1836: 8) [instead of "Laporte & Gory, 1838: 8"]

Under *Megacyllene falsa* (Chevrolat, 1862: 51), the synonymic entry:

acutus Laporte & Gory, 1836: 9 (misidentification; not Germar, 1821) [instead of "Laporte & Gory, 1838: 9 (not Germar)"]

P. 71

Megacyllene hoffmanni (Laporte & Gory, 1836: 13) [instead of "Laporte & Gory, 1838: 13"]

Megacyllene latreillei (Laporte & Gory, 1836: 91) [instead of "Laporte & Gory, 1838: 91"]

Megacyllene nebulosa (Laporte & Gory, 1836: 11) [instead of "Laporte & Gory, 1838: 11"]

Megacyllene proxima (Laporte & Gory, 1836: 5) [instead of "Laporte & Gory, 1838: 5"]

Megacyllene rufipes (Laporte & Gory, 1836: 8) [instead of "Laporte & Gory, 1838: 8"]

Megacyllene spixii (Laporte & Gory, 1836: 92) [instead of "Laporte & Gory, 1838: 92"]

P. 72

Under *Neoclytus caprea* (Say, 1824: 424), two of the synonymic entries:

gibbicollis Laporte & Gory, 1836: 24 [instead of "Laporte & Gory, 1838: 24"]

elevatus Laporte & Gory, 1836: 32 [instead of "Laporte & Gory, 1838: 32"]

Neoclytus chevrolatii (Laporte & Gory, 1836: 26) [instead of "Laporte & Gory, 1838: 26"]

Under *Neoclytus jekeli* (White, 1855: 254), the synonymic entry:

longipes: Laporte & Gory, 1836: 16 (misidentification; not Drury, 1773) [instead of "Laporte & Gory, 1835: 16 (not Drury, 1773)"]

Under *Neoclytus longipes* (Drury, 1773: 84), one of the synonymic entries:

hopei Laporte & Gory, 1836: 18 [instead of "Laporte & Gory, 1838: 18"]

Neoclytus leucozonus leucozonus (Laporte & Gory, 1836: 90) [instead of "*Neoclytus muricatus muricatus* Kirby in Richardson, 1837: 177"; synonymy to be adjusted (*muricatus* under *leucozonus*) AND move between *N. jouteli* and *N. longipes*]

Note. The description of *Clytus leucozonus* appeared in the section of Laporte & Gory's work issued no later than February 1837 (livraison 11), maybe in December 1836 (livraison 10), while Kirby's work was issued no earlier than mid-October 1837 (Bousquet 2016: 290-291; 319). As accepted by Bousquet *et al.* (2017: 67), *Clytus leucozonus* has date priority over *Clytus muricatus*.

P. 73

Neoclytus pusillus (Laporte & Gory, 1836: 22) [instead of "Laporte & Gory, 1835: 22"]

And under it, one of the synonymic entries:

guianensis Laporte & Gory, 1836: 22 [instead of "(Laporte & Gory, 1838: 22)"]

Note 1. The descriptions of both "*pusillus* Laporte & Gory" and "*guianensis* Laporte & Gory not Drury" appeared on the same page of the same work in 1836 and cannot have different publication dates.

Note 2. Parentheses to be removed because, for sake of consistency, the synonyms should be listed in the Checklist only in their original spelling as proposed in their original combination (*Clytus guianensis* Laporte & Gory).

Under *Neoclytus senilis* (Fabricius, 1798: 152), two of the synonymic entries:

devastator Laporte & Gory, 1836: 17 [instead of "Laporte & Gory, 1838: 172"]

rufescens Laporte & Gory, 1836: 16 [instead of "Laporte & Gory, 1838: 16"]

Neoclytus unicolor (Laporte & Gory, 1836: 34) [instead of "Laporte & Gory, 1835: 34"]

And under it, one of the synonymic entries:

longipes: Laporte & Gory, 1836: 16 (misidentification; not Drury, 1773) [instead of "Laporte & Gory, 1838: 16 (not Drury, 1773)"]

Note. Both "*Clytus unicolor* Laporte & Gory" and "*Clytus longipes* Laporte & Gory not Drury" appeared in the same work at the same time in 1836 and cannot have different publication dates.

P. 74

Under *Ochraethes sommeri* (Chevrolat, 1835: 72), one of the synonymic entries:

tibialis Laporte & Gory, 1836: 71 [instead of "Laporte & Gory, 1838: 71"]

Pirangoclytus triangularis (Laporte & Gory, 1836: 31) [instead of "Laporte & Gory, 1835: 31"]

P. 75

Under *Placosternus erythropus* (Chevrolat, 1835: 4), the two synonymic entries:

mexicanus Laporte & Gory, 1836: 6 [instead of "Laporte & Gory, 1838: 6"]

variegatus Laporte & Gory, 1836: 6 [instead of "Laporte & Gory, 1838: 6"]

Trichoxys vitticollis (Laporte & Gory, 1836: 7) [instead of "Laporte & Gory, 1838: 7"]

P. 77

Under *Xylotrechus undulatus* (Say, 1824: 291), one of the synonymic entries:

sayi Laporte & Gory, 1836: 55 [instead of "Laporte & Gory, 1838: 55"]

interruptus Laporte & Gory, 1836: 57 [instead of "Laporte & Gory, 1838: 57"]

P. 164

Under *Euderces spinicornis* (Chevrolat, 1835: 4), the synonymic entry:

elegans Laporte & Gory, 1837: 124 [instead of "Laporte & Gory, 1835: 124"]

Note. Page 124 is the last of the last part of the monograph published no later than 15 February 1837 (Bousquet 2016: 319)

P. 203

Under **Cerambycine taxa of uncertain identity**:

Clytus carinatus Laporte & Gory, 1836: 19 [instead of "Laporte & Gory, 1835: 19"]

C. Corrections of dates of description of new taxa proposed by Lacordaire in "*Histoire naturelle des insectes. Genera des Coléoptères ou exposé méthodique et critique de tous les genres proposés jusqu'ici dans cet ordre d'insectes.*"

The work was issued in twelve Tomes [volumes]. Lacordaire is the sole author of the first nine Tomes; each of tomes 5 and 9 was issued in two parts. Cerambycidae are treated in Tome 8 (1868), Tome 9, première partie (1869) and Tome 9, deuxième partie (1872):

Histoire Naturelle des Insectes. Genera des Coléoptères.

Tome huitième contenant les familles des tricténatomides et des longicornes. 552 pages.

Despite the date on the title page (1869), publication recorded 28 November 1868 by *Bibliographie de la France*, 16 December 1868 by *Académie Royale des Sciences de Belgique* (see Bousquet 2016: 314).

Tome neuvième première partie. Famille des longicornes (suite). 409 pages.

1869 is the publication date on the title page. Publication recorded 4 November 1869 by *Académie Royale des Sciences de Belgique*, 13 November 1869 by *Bibliographie de la France* (see Bousquet 2016: 314).

Tome neuvième deuxième partie. Famille des longicornes (fin). Pp. 411–930.

1872 is the publication date on the title page. Publication recorded 1 April 1872 by *Petites Nouvelles Entomologiques*, 25 May 1872 by *Bibliographie de la France* (see Bousquet 2016: 314).

The work includes an *Atlas* containing 134 plates preceded by a text section which presents an "*Explication des planches*" on pages 3-46, followed by an "*Errata à l'explication des planches*" on pages 46-47. Because in libraries all the plates are bound together in an *Atlas*, it was perhaps assumed they formed together the last Tome of the series after Tome 12 (Lacordaire & Chapuis, 1876) and that they were all published in 1876 (see Biodiversity Heritage Library <https://www.biodiversitylibrary.org/bibliography/8864>] and on the Titan.gbif.fr website). However, according to Bousquet (2016: 314), the

plates were issued by livraisons without indication of publication dates on the text pages or the plates. In the text section, the "*Explications*" are grouped into five distinct groups, indicating that they may have been published at different dates in five separate "livraisons", each most likely accompanying their respective group of plates: Planches 1 to 47 (on pages 3-16); Planches 48 to 60 (on pages 17-20); Planches 61 to 80 (on pages 21-28); Planches 81 to 110 (on pages 17-36); Planches 111 to 134 (on pages 37-46).

In the Checklist, four taxa established in this *Atlas* (on pls. 81, 85 and 105) are dated 1868 for one species, 1872 for another one and 1876 for two species, even if all four were possibly issued in the same livraison (plates 81-110); two correspond to misidentifications of then undescribed species, and two are junior synonyms.

I have personally checked the original publications for all date and page corrections below.

Page 6

Under *Mysteria lacordairei* (Lameere, 1902: 212), the synonymic entry:

cylindripennis: Lacordaire, 1876: pl.81, fig.2 (not Thomson, 1861) [DATE DOUBTFUL]

Note. Not a synonym but rather the misidentification of a species undescribed at the time of Lacordaire's publication. Name mentioned only in an illustration in the *Atlas* of *Histoire Naturelle des Insectes. Genera des Coléoptères*. The name appears only as "*Mysteria cylindripennis* Thoms." in the *Atlas* on *Planche* 81 and on page 29 in the text in the captions for *Planche* 81 in the fourth group of "*Explication des planches* (81-110)". The exact date of plate 81 is unknown.

P. 10

Dynamostini Lacordaire, 1868: 196 [instead of 1869: 196]

Original spelling: Dynamostides Lacordaire, 1868: 194 (key), 196

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 18

Under Macrodontiini Thomson, 1861, one of the synonymic entries:

Ancistrotides Lacordaire, 1868: 56 (key), 81 [instead of 1869: 81]

Note. Same comment as for Dynamostini, p. 10: In *Histoire Naturelle, ...Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 21

Nothopleurus Lacordaire, 1868: 125 [instead of 1869: 125]

Under *Nothopleurus subsulcatus* (Dalman, 1823), one of the synonymic entries:

ebeninus Lacordaire, 1868: 125 [instead of 1869: 125]

Note. Same comment as for Dynamostini, p. 10 and Ancistrotides: in *Histoire Naturelle, ...Tome 8* (1868), not *Tome 9 première partie* (1869).

Physopleurus Lacordaire, 1868: 120 [instead of 1869: 120]

Physopleurus dohrnii Lacordaire, 1868: 121 [instead of 1869: 121]

Note. In *Histoire Naturelle, ...Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 22

Under Mallaspini Thomson, 1861, the synonymic entry:

Pyrodides Lacordaire, 1868: 171 (key), 174 (*nomen nudum*) [instead of 1869: 180]

Note 1. Page checked in the original publication, AND In *Histoire Naturelle, ...Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 24

Under Meroscelisini Thomson, 1861: 299, among synonymic entries:

Monodesmides Lacordaire, 1868: 140 / TO BE DELETED and replaced with:

Monodesminae Gahan, 1890: 299.

Note 1. Monodesmides is an unavailable name to be deleted since it is an original vernacular name subsequently used in latinized form but not generally attributed to Lacordaire (1868) (ICZN, Art. 11.7.2) [see: Bouchard et al. 2011: 459; Bouchard et al. 2024: 341]. The available name is Monodesminae Gahan, 1890.

Clostérides Lacordaire, 1868: 149 [instead of Closterinae Lacordaire, 1868]

Under *Meroscelisus violaceus* Audinet-Serville, 1832, the synonymic entry:

cyanescens Lacordaire, 1868: 48 [instead of 1869: 48]

Note. In *Histoire Naturelle, ...Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 25

Under *Derobrachus* Audinet-Serville, 1832, one of the synonymic entries:

Braderochus: Lacordaire, 1868: 74 [instead of 1869: 74]

Note. In *Histoire Naturelle, ...Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 26

Under *Prionocalus cacticus* (White, 1845: 110), among the synonymic entries:

atys: Lacordaire, 1876: pl.81, fig.1 (not White, 1850) [DATE DOUBTFUL; add a colon after the species name because it's actually not a synonym but rather a misidentification of a species previously described by A. White (1845)].

Note. No original description of the species by Lacordaire was found anywhere but the name was proposed in association with an illustration in the *Atlas* section of *Histoire Naturelle des Insectes. Genera des Coléoptères*. The name appears only as "*Prionocalus Atys* A. White" in the *Atlas* on *Planche 81* and on page

29 in the text in the captions for *Planche 81* in the fourth group of "*Explication des planches (81-110)*". The exact date of plate 81 is unknown.

P. 29

Solenopterini Lacordaire, 1868: 180 [instead of 1869: 180] (see Bouchard et al. 2011: 460; Bouchard et al. (2024: 492))

Add original spelling: Solénoptérides Lacordaire, 1868: 171 (key), 180

AND one of the synonymic entries:

Poecilosomides Lacordaire, 1868: 171 (key), 185 [instead of 1869: 185]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 30

Under Desmocerini Blanchard, 1845, the synonymic entry:

Dorcasomides Lacordaire, 1868: 456 [instead of 1869: 456]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 45

Under *Pseudogaurotina* Plavilstshikov, 1958, the synonymic entry:

Gaurotes Lacordaire, 1868: 442 (part) [instead of 1869: 442]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 47

Under *Arhopalus obsoletus* (Randall, 1838)

Note 1. One of the names listed as synonyms [*paganum* Lacordaire, 1869: 211] [actually 1868] is NOT A SYNONYM because it is not associated with a description. It is rather a citation by Lacordaire of

"*Criocephalum paganum* Dejean, 1835: 328", a *nomen nudum*. So:

paganum Dejean, 1835: 328 (*nomen nudum*) [instead of Lacordaire 1869: 211]

Note 2. But if, for the sake of consistency, you start listing Dejean's nomina nuda, you will have to add hundreds of unavailable names that have no nomenclatural or taxonomic value; these are not synonyms and should ideally not be included in the checklist unless there is a specific reason.

This entry has been deleted from the Master Checklist; LGB agrees no need for these nomen nuda to be included in the checklist.

P. 49

Saphanini Gistel, 1848: [8] [instead of Lacordaire, 1869: 211 (actually "1868: 211") / see: Bouchard et al. (2011: 465)]

Add original spelling: Saphanidae Gistel, 1848: [8].

Atelopteryx Lacordaire, 1868: 473 [instead of 1869: 473]

Atelopteryx compsoceroïdes Lacordaire, 1868: 474 [instead of 1869: 474]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 51

Achrysonini Lacordaire, 1868: 231 [instead of 1868: 203, 231]

Original spelling: Achrysonides Lacordaire, 1868: 203 (key), 231

Note. Page checked in the original publication. Page 203 is where the name appears in the key; the main entry with the description is on page 231.

Under *Achryson maculipenne* (Lacordaire, 1868: 338), one of the synonymic entries:
maculipennis Zajciw, 1958: 12 (not Lacordaire, 1868) [instead of "(not Lacordaire, 1869)"]

P. 53

Anaglyptini Lacordaire, 1868: 404 [instead of 1868: 84]

Original spelling: Anaglyptides Lacordaire, 1868: 404 (key)

Note 1. The reference in the Checklist rather refers to "1869: 84", where the treatment of "Anaglyptides" begins in *Histoire Naturelle, ... Tome 9, première partie* (1869) and where a description is provided.

Note 2. However, this name was established as # 31 in couplet "hh" in the key to "groupes" [tribes] of "Section B, première division", on page 404 in *Histoire Naturelle, ... Tome 8* (1868). Since this family group name is formed from an available genus name and a definition of it is provided in the key on page 404, it is deemed to be established in the key in 1868 rather than under the main entry for Anaglyptides in *Histoire Naturelle, ... Tome 9, première partie* on page 84 in 1869.

P. 54

Bimiini Lacordaire, 1868: 464 [instead of 1868: 403, 464]

Original spelling: Bimiides Lacordaire, 1868: 403 (key), 464

Note. Page checked in the original publication. Page 403 is where the name appears in the key; the main entry with the description is on page 464.

P. 62

Callidiopini Lacordaire, 1868: 340 [instead of 1869: 340]

Original spelling: Callidiopsides Lacordaire, 1868: 204 (key), 340

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 65

Under *Coleoxestia vittata* (Thomson, 1861: 192), one of the synonymic entries:

confusa Lacordaire, 1868: 271 [instead of 1869: 271]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 67

Cleomenini Lacordaire, 1868: 405 [instead of 1869: 97]

Original spelling: Cléoménides Lacordaire, 1868: 405 (key)

Note. The treatment of "Cléoménides" begins in *Histoire Naturelle, ... Tome 9, première partie* (1869) where a description is provided. However, this name was established as # 34 in the key to "groupes" [tribes] of "Section B, première division", on page 405 in *Histoire Naturelle, ... Tome 8* (1868), listed in the same part of couplet "dd" with five other family-group names, including three other proposed for the first time, and so are not defined by characters purported to differentiate the six taxa from each other. However, since these family group names are proposed before 1931 and are formed from available genus names, they are deemed to be established by indication (ICZN 1999, article 12.2.4) in the key in 1868. [Note: after 1931, the fact that a family-group name is formed from available genus names is not enough; it must also be accompanied by a description or a definition that states in words characters that are purported to differentiate the taxon (article 13.1.1), or by a bibliographic reference to such a published statement (article 13.1.2), or expressly proposed as a new replacement name (article 13.1.3)].

P. 85

Under Eburiini Blanchard, 1845, the synonymic entry:

Hétéropsides Lacordaire, 1868: 405 [instead of Heteropsini Lacordaire, 1869: 121]

Note 1. The treatment of "Hétéropsides" begins in *Histoire Naturelle, ... Tome 9, première partie* (1869) where a description is provided on page 121. However, this name was established as # 37 in the key to "groupes" [tribes] of Section B, première division, on page 405 in *Histoire Naturelle, ... Tome 8* (1868), listed in the same part of couplet "dd" with five other family-group names, including three proposed for the first time, and so are not defined by characters purported to differentiate the six taxa from each other. Nevertheless, the four names newly proposed are available from this key according to the provisions of ICZN 1999, article 12.2.4 (like *Cleomenini*, **P. 67**, see above).

P. 87

Under *Eburodacrys* White, 1853, one of the synonymic entries:

Oncoptera Lacordaire, 1868: 297 [instead of 1869: 297]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 89

Eburodacrys vidua (Lacordaire, 1868: 298) [instead of 1869: 298]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 90

Under *Erosida delia* Thomson, 1861, the synonymic entry:

elegans Lacordaire, 1876?: Pl. 85 [instead of 1869: 295]. [DATE DOUBTFUL]

Note. Lacordaire's treatment of genus *Erosida* is on pages 295–296 in *Histoire Naturelle, ... Tome 8* (1868), but there is no species named "*elegans*" described or even mentioned in this volume. No original description of the species was found anywhere but the name was proposed in association with an illustration in the *Atlas* of the "*Histoire Naturelle, ...*" and is therefore available (ICZN 1999, article 12.2.7), contrary to the wrong assertion on Titan.gbif.fr website according to which it is a nomen nudum. So the name appears only as "*Erosida elegans* Lac." on *Planche* [plate] 85 with the name in the caption at the bottom of the plate and listed in the text on page 30 in the captions for *Planche* 81 in the fourth group of "*Explication des planches* (81-110)". The exact date of plate 85 is unknown.

Pantomallus Lacordaire, 1868: 286 [instead of 1869: 286]

and under *Pantomallus*, the synonymic entry:

Opades Lacordaire, 1868: 288 [instead of 1869: 288]

and under *Pantomallus morosus* (Audinet-Serville, 1834), the synonymic entry:

villosicornis Lacordaire, 1868: 287 [instead of 1869: 287]

P. 91

Styliceps Lacordaire, 1868: 291 [instead of 1869: 291]

and under *Styliceps sericata* Pascoe, 1859, one of the synonymic entries:

sericans Lacordaire, 1868: 292 [instead of 1869: 292]

Note. all Lacordaire's names above are in *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 93

Under *Elaphidiini* Thomson, 1864, in synonymic entries:

Sphérionides Lacordaire, 1868: 203 (key), 312 [instead of 1869: 312]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

AND delete "*Elaphidiini* Lingafelter, 1998" since it is a subsequent citation of *Elaphidiini* Ivie, 1985

P. 101

Under *Enaphalodes* Haldeman, 1847, one of the synonymic entries:

Hypermallus Lacordaire, 1868: 302 [instead of 1869: 302]

Under *Enaphalodes atomarius* (Drury, 1773) [on p. 100], one of the synonymic entries:

bispinus Lacordaire, 1868: 303 [instead of 1869: 303]

Note. In *Histoire Naturelle, ...Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 102

Under *Eurysthea* Thomson, 1861: 247, two of the synonymic entries:

Euristhea: Lacordaire, 1868: 321 [instead of 1869: 321] (add a colon after genus name since it is actually not a synonym but rather an incorrect subsequent spelling of *Eurysthea* Thomson, 1861)

Mallocera (section 2): Lacordaire, 1868: 321 [instead of 1869: 321]

Eurysthea lacordairei Lacordaire, 1868: 321 [instead of 1869: 321]

Note. In *Histoire Naturelle, ...Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 110

Under *Stizocera* Audinet-Serville, 1834, one of the synonymic entries:

Nephalius Lacordaire, 1868: 319 (part) (not Newman) [instead of 1869: 188]

Note. In *Histoire Naturelle, ...Tome 8* (1868), not *Tome 9 première partie* (1869); page checked in the original publication.

P. 112

Eligmodermis Lacordaire, 1868: 337 [instead of 1869: 337]

Original spelling: *Éligmodermides* Lacordaire, 1868: 337

Note. In *Histoire Naturelle, ...Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 116

Ochrus Lacordaire, 1868: 225 [instead of 1869: 225]

Ochrus grammoderus Lacordaire, 1868: 225 [instead of 1869: 225]

Note. In *Histoire Naturelle, ...Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 120

Under *Hexoplon* Thomson, 1864, the synonymic entry:

Gnomidolon Lacordaire, 1868: 330 (part) [instead of 1869: 330]

Note. In *Histoire Naturelle, ...Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 126

Necydalopsini Lacordaire, 1868: 493 [instead of 1868: 405, 493]

Original spelling: *Nécydalopsides* Lacordaire, 1868: 405 (key), 493

Note. In *Histoire Naturelle, ...Tome 8* (1868), not *Tome 9 première partie* (1869). Page 405 is where the name appears in the key; the main entry with the description is on page 493.

P. 129

Oemini Lacordaire, 1868: 216

Original spelling: *Oemides* Lacordaire, 1868: 216

P. 132

Under *Temnopsis megacephala* (Germar, 1823), one of the synonymic entries:

var. *fuscipes* Lacordaire, 1868: 220 [instead of 1869: 220]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 133

Oxycoleus Lacordaire, 1868: 484 [instead of 1869: 485]

Oxycoleus clavipes Lacordaire, 1868: 485 [instead of 1869: 485]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 134

Phlyctaenodini Lacordaire, 1868: 370

Original spelling: Phlycténodides Lacordaire, 1868: 370

Under *Ancylodonta* Blanchard in Gay, 1851, the synonymic entry:

Semnus Lacordaire, 1868: 376 [instead of 1869: 376]

Ancylodonta phlyctaenioides Lacordaire, 1868: 376 [instead of 1869: 376]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

Piezocerini Lacordaire, 1868: 324 [instead of 1868: 204 (key), 324]

Original spelling: Piezocérides Lacordaire, 1868: 204 (key), 324

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869). Page 204 is where the name appears in the key; the main entry with the description is on page 324.

P. 135

Piezocerina Lacordaire, 1868: 324 [instead of 1868: 204 (key), 324]

Note. see comment for Piezocerini just above.

P. 137

Under Platyarthrini Bates, 1870, the synonymic entry:

Coelarthrides Lacordaire, 1868: 405 (key); 1869: 138. Nomen nudum [instead of Coelarthrides Lacordaire, 1869: 138]

P. 139

Under Psebiini Lacordaire, 1868: 479 [instead of 1868: 403]

Original spelling: Psébiides Lacordaire, 1868: 403 (key), 479

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869). Page 403 is where the name appears in the key; the main entry with the description is on page 479.

P. 152

Under *Pasiphyle* Thomson, 1864, one of the synonymic entries:

Pasyphile: Lacordaire, 1868: 508 [instead of 1869: 508 / add a colon after genus name since it is not a synonym but rather an incorrect subsequent spelling]

Under *Phespia corinna* (Pascoe, 1866), the synonymic entry:

corynna: Lacordaire, 1868: 508 [instead of 1869: 508] [actually not a synonym but rather an incorrect subsequent spelling of *Charis corinna* Pascoe, 1866]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 154

Under *Sphecomorpha* Newman, 1838, the synonymic entry:

Sphecogaster Lacordaire, 1868: 471 [instead of 1869: 471]

Under *Sphecomorpha chalybea* Newman, 1838, the synonymic entry:

biplagiatus Lacordaire, 1868: 472 [instead of 1869: 472]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 157

Under *Cydnoderus* (*Cydnoderus*) *tenuatus* Audinet-Serville, 1834, the synonymic entry:

taeniatus: Lacordaire, 1869: 112 [instead of *taeniatus* Lacordaire]

Note. Add a colon after the species name because it's actually not a synonym but rather an incorrect subsequent spelling of *C. tenuatus* Audinet-Serville, 1834.

P. 158

Under *Dihammaphora gracilicollis* Chevrolat, 1859, one of the synonymic entries:

gracilicollis: Lacordaire, 1869: 109 [instead of *gracilicollis* Lacordaire]

Note. Add a colon after the species name because it's actually not a synonym but rather an incorrect subsequent spelling of *D. gracilicollis* Chevrolat, 1859. In any case not described by Lacordaire (1869: 109), only cited by him, under a wrong spelling, as having been mentioned previously by Chevrolat.

P. 159

Under *Ischionodonta platensis* (Chevrolat, 1859), one of the synonymic entries:

aenescens: Lacordaire, 1869: 42 [instead of *aenescens* Lacordaire]

Note. Add a colon after the species name because it's actually not a synonym but rather an incorrect subsequent spelling of *D. aenesceus* Burmeister, 1865 (a true synonym listed on the line just above *aenescens* Lacordaire).

P. 161

Smodicini Lacordaire, 1868: 405 [instead of *Smodicini* Lacordaire, 1869: 143]

Original spelling: *Smodicides* Lacordaire, 1868: 405

Note 1. This name was established as # 40 in the key to "groupes" [tribes] of "Section B, première division", on page 405 in *Histoire Naturelle, ... Tome 8* (1868). The name appears in the same part of couplet "dd" with five other family-group names, among which three are proposed for the first time, and so are not defined by characters purported to differentiate the six taxa from each other. The four newly proposed taxa, including *Smodicides*, are described under their main entry in *Histoire Naturelle, ... Tome 9, première partie* (1869). Nevertheless, since these family group names are proposed before 1931 and are formed from available genus names, they are deemed to be established by indication (ICZN 1999, article 12.2.4) in the key in 1868 (like *Cléoménides*, **P. 67** and *Hétéropsides* [as syn. of *Eburiini*] **P. 85**; see above).

P. 162

Under *Stenoderini* Pascoe, 1869: 553 (actually "1867: 311", as *Stenoderinae*; TO BE REPLACED BY

Rhagiomorphini Newman, 1841: 34):

Ptérosténides Lacordaire, 1868: 410 [instead of Lacordaire, 1869: 410]

Note. Lacordaire's name in *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

Sydacini Martins in Martins, Santos-Silva, Galileo & Limeira-de-Oliveira, 2014: 381 [instead of "Martins, 1997: 8"]

Note. Sydacini Martins, 1997: 8-9 is a *nomen nudum* because it was described there without being named, and Sydacini Martins, 2003: 204 is also a *nomen nudum* since it was not indicated by the author as "intentionally new" (lacking the mention of "new tribe" or equivalent [ICZN 1999, art. 16.1]) [see Bouchard et al. (2011: 474) and Martins et al. (2014: 381-382)]. The name was finally established with all the requirements of ICZN in Martins et al. (2014: 381).

Sydax Lacordaire, 1868: 335 [instead of 1869: 335]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 163

Sydax stramineus Lacordaire, 1868: 336 [instead of 1869: 336]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

Tillomorphini Lacordaire, 1868: 405 [instead of Tillomorphini Pascoe, 1869: 554, to be moved to the synonyms].

Original spelling: Tillomorphides Lacordaire, 1868: 405

Note 1. This name was established as # 32 in the key to "groupes" [tribes] of "Section B, première division", on page 405 in *Histoire Naturelle, ... Tome 8* (1868). The name appears in the same part of couplet "dd" with five other family-group names, among which three are proposed for the first time, and so are not defined by characters purported to differentiate the six taxa from each other. The four newly proposed taxa, including Tillomorphides, are described under their main entry in *Histoire Naturelle, ... Tome 9, première partie* (1869). However, since these family group names are proposed before 1931 and are formed from available genus names, they are deemed to be established by indication (ICZN 1999, article 12.2.4) in the key in 1868 (like Cléoménides **P. 67**, Hétéropsides [as syn. of Eburini] **P. 85**, and Smodicides **P. 161**, see above).

Note 2. Tillomorphini Pascoe, 1869 (October 13): 554 was published before the main entry for Tillomorphides on page 88 in *Histoire Naturelle, ... Tome 9, première partie* (1869, October 31), but Tillomorphides is available from the key in *Histoire Naturelle, ... Tome 8* (1868) (ICZN 1999, article 12.2.4) (see Note 1 just above) and therefore has priority.

P. 166

Under *Diploschema rotundicollis* (Audinet-Serville, 1834), one of the synonymic entries:

fulvipennis: Lacordaire, 1868: 240 [instead of *fulvipennis* Lacordaire, 1869: 240]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869). Add a colon after the species name because it's actually not a synonym but rather an incorrect subsequent spelling of *D. flavipennis* Thomson, 1858 (a true synonym listed on the line just above *fulvipennis* Lacordaire).

P. 167

Spathopygus Lacordaire, 1868: 239 [instead of 1869: 239]

Note. In *Histoire Naturelle, ... Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 168

Under Trachyderini Dupont, 1836, among the synonymic entries:

Sténaspides Lacordaire, 1868: 404 (key) [instead of 1869: 166]

Note. "Groupe" treated and described in *Tome 9 première partie* (1869: 166), but established in the key to "groupes" [tribes] of "Section B, première division", on page 404 in *Histoire Naturelle, ... Tome 8* (1868).

P. 169

Under *Aegoidus* Buquet, 1838, one of the synonymic entries:

Aegoidius: Lacordaire, 1869: 197 [instead of *Aegoidius* Lacordaire, 1868]

Note. In *Histoire Naturelle, Tome 9 première partie* (1869), not *Tome 8* (1868).

P. 197

Under *Tetraopidion mucoriferum* (Thomson, 1867), the synonymic entry:

modestum Lacordaire, 1868: 334 [instead of 1869: 334]

Note. In *Histoire Naturelle, ...Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 202

Uracanthini Blanchard, 1853: 264 [instead of Lacordaire, 1869: 388 (actually 1868: 205 (key), 388)]

Original spelling: Uracanthitae Blanchard, 1853: 264

Note. Lacordaire's name in *Histoire Naturelle, ...Tome 8* (1868), not *Tome 9 première partie* (1869).

P. 248

Pteridotelus pupillatus Lacordaire, 1872: 752 [instead of 1872: 725] (inadvertent inversion of the digits 5 and 2 noticed when page number checked in the original publication).

P. 249

Scythropopsis lacrymans (Thomson, 1865: 544) [instead of 1864: 554]

Note. Page checked in the original publication. See "Thomson, J. 1865b" in *References related to the corrections* section.

P. 252

Oreodera tenebrosa Thomson, 1865: 542 [instead of 1864: 542]

Oreodera tuberculata Thomson, 1865: 542 [instead of 1864: 542]

Note. See Thomson, J. 1865b in the *References related to the corrections* section.

P. 253

Under Aerenicini Lacordaire, 1872: 897

Original spelling: Aerenicides Lacordaire, 1872: 849 (key), 897

P. 255

Phaula thomsonii Lacordaire, 1872: 898 [instead of *thomsoni* 1872]

P. 256

Under *Spalacopsis filum filum* (Klug, 1829: 13), one of the two synonymic entries:

macilenta Lacordaire, 1872: pl.105, fig.5 [DATE DOUBTFUL]

Note. 1872 is the date of the treatment of genus *Spalacopsis* in *Histoire Naturelle, ...Tome 9, deuxième partie*, (1872: 704-705) but there is no species named "*macilenta*" described or even mentioned in this volume. The name appears only as "*Spalacopsis macilenta* Cand." in the *Atlas* on *Planche* 105 and on page 35 in the text in the captions for *Planche* 105 in the fourth group of "*Explication des planches* (81-110)". The exact date of Plate 105 is unknown.

P. 257

Under Agapanthiini Mulsant, 1839, among the synonymic entries:

Pachypézides Lacordaire, 1872: 691 [instead of 1872: 414]

Note. Page checked in the original publication. The name does not appear in the key (pp. 413–417), only on page 691 as the name given to "section A" of Hippopsides.

Spalacopsides Lacordaire, 1872: 701 [instead of 1872: 414]

Note. Page checked in the original publication. Page 414 is where the name appears in the key; the main entry with the description is on page 701.

P. 260

Under Anisocerini Thomson, 1860: 31, ~~339~~, one of the two synonymic entries:

Platysternides Lacordaire, 1872: 729 [instead of Platysternini Lacordaire, 1872: 415]

Note. Page 415 is where the name appears in the key; the main entry with the description is on page 729.

P. 261

Under *Anisocerus scopifer* (Germar, 1823), the synonymic entries:

scopigera: Lacordaire, 1872: 723

Note. Add a colon after the species name because it's actually not a synonym but rather an incorrect subsequent spelling of *Lamia scopifera* Thomson, 1823 ("g" instead of "f").

And *scopigera* Lacordaire, 1872 is listed first and *penicillatus* Lacordaire, 1830 second when the latter must be first according to alphabetical and chronological order. So reverse the names (*penicillatus* first).

P. 263

Under Apomecynini Thomson, 1860: 66, two of the synonymic entries:

Agennopsides Lacordaire, 1872: 592 [instead of 1872: 595] (page checked in the original publication).

Adétides Candèze in Lacordaire, 1872: 592 [instead of 1872: 595] (page checked in the original publication)

P. 273

Under Calliini Thomson, 1864, the synonymic entry:

Gryllicides Lacordaire, 1872: 902 [instead of 1872: 489] (page checked in the original publication)

P. 286

Under Desmiphorini Thomson, 1860: 74, one of the synonymic entries:

Ectatosiides Lacordaire, 1872: 708 [instead of 1872: 415].

Note. Page checked in the original publication. Page 415 is where the name appears in the key; the main entry with the description is on page 708.

P. 322

Under *Mimolochus hoefneri* (Thomson, 1865), the synonymic entry:

hoepfneri: Lacordaire, 1869: 325 [instead of *hoepneri* Lacordaire] (spelling checked in the original publication; add a colon after this species name because it's actually not a synonym but rather an incorrect subsequent spelling of *Hammoderus hoefneri* Thomson, 1865)

P. 320

Morimopsini Lacordaire, 1869: 289 [instead of 1869: 298] (inadvertent inversion of the digits 8 and 9 noticed when page number checked in original publication).

Original spelling: Morimopsides Lacordaire, 1872: 289

P. 340

Under Phacellini Lacordaire, 1872: 664

Original spelling: Phacellides Lacordaire, 1872: 416 (key), 664

D. Adjustments to dates and pages of description of the species described by G.A. Olivier in "*Entomologie, ou histoire naturelle des insectes*", mostly in Tome 4 (1895; 1800)

In the Checklist, changes of year of description from 1795 to 1800 have already been made in the Checklist for the species treated by Bousquet *et al.* (2017) (except for *Cerambyx carolinensis* Olivier, 1800 / currently *Monochamus*). The changes from 1795 to 1800 are not completed for the species not treated by Bousquet *et al.* (2017), and the corrections of page citations from Olivier's *Entomologie* remains to be done according to the information provided by Bousquet (2018).

In Olivier's fourth volume of *Entomologie*, the treatment of each genus constitutes a distinct section separately numbered and paginated as in the first three volumes (Bousquet 2018: 139). *Prionus* is the genus treated first in Cerambycidae. Here are the different genera of Cerambycidae treated in the work, each with their section number and pagination:

No. 66. Prione - *Prionus*, pages 1–41.

No. 67. Capricorne - *Cerambyx*, pages 1–132. [actually *Cerambix* but corrected to *Cerambyx* in the Errata section at the end of the work]

No. 68. Saperde - *Saperda*, pages 1–41.

No. 69. Stenocore - *Stenocorus*, pages 1–30.

No. 70. Callidie - *Callidium*, pages 1–72.

No. 71. Spondyle - *Spondylis*, pages 1–4.

[No. 72. Not cerambycid, currently Oedemeridae] Calope - *Calopus*, pages 1–4.

No. 73. Lepture - *Leptura*, pages 1–34.

No. 74. Nécydale - *Necydalis*, pages 1–10.

The remaining sections No. 75 to 80 are not cerambycids.

Note. Nos 66 and 67 up to page 80 are dated 1795. The part from page 81 of No. 67 to the end was issued in 1800 (Bousquet 2018: 140). Since each section is separately numbered and paginated, the section number must be added [between square brackets in red font below] before the page in order to distinguish pages with the same number in different sections published in the same year (e.g. "[66] 17" for *Prionus exsertus* (currently *Stenodontes*) and "[67] 17" for *Cerambyx bilineatus* (currently *Drychateres*) both published in 1795).

One species recorded in the Checklist was established in Tome 6 of *Entomologie* published in 1808, not in 1807 (see Bousquet 2016: 393).

In the Checklist, one of Olivier's taxa is wrongly dated 1792 and one wrongly dated 1800. They were not published in *Entomologie* but rather from 1790 to 1797 in *Encyclopédie méthodique* Tome 5 (with title page dated 1790): partie 1 (pages 1-368, November 1790) and partie 2 (pages 369-793, June 1791)] or Tome 7 (wrongly dated 1792 on the title page): partie 1 (pages 1-368, May 1793) and partie 2 (pages 369-827, February 1797)] (see Bousquet 2016: 394-395).

The following corrections are proposed accordingly:

P. 16

Callipogon (Callomegas) sericeus (Olivier, 1795: [No 66] 16) [instead of 1795: 16]

Ctenoscelis ater (Olivier, 1795: [No 66] 11) [instead of 1795: 11]

P. 19

Macrodontia crenata (Olivier, 1795: [No 66] 27) [instead of 1795: 27]

P. 20

Ialysus tuberculatus (Olivier, 1795: [No 66] 20) [instead of 1795: 20]

Under *Mallodon spinibarbis* (Linnaeus), among synonymic entries:

maxillosus Olivier, 1795: [No 66] 16 [instead of 1795: 16]

P. 22

Stenodontes exsertus (Olivier, 1795 [No 66] 17) [instead of 1795: 17]

P. 23

Mallaspis scutellaris (Olivier, 1795 [No 66] 14) [instead of 1795: 14]

Under *Pyrodes nitidus* (Fabricius), among synonymic entries:

speciosus Olivier, 1795: [No 66] 31 [instead of 1795: 31]

angulatus Olivier, 1795: [No 66] 31 [instead of 1795: 31]

P. 26

Under *Orthosoma brunneum* (Forster), among synonymic entries:

sulcatus Olivier, 1795: [No 66] 39 [instead of 1795: 39]

P. 30

Solenoptera quadrilineata (Olivier, 1795: [No 66] 40) [instead of 1795: 40]

Solenoptera vittata (Olivier, 1795: [No 66] 39) [instead of 1795: 39]

P. 32

Brachyleptura circumdata (Olivier, 1800: [No 73] 32) [instead of 1800: 32]

Brachyleptura vagans (Olivier, 1800: [No 73] 31) [instead of 1800: 31]

P. 33

Judolia cordifera (Olivier, 1800: [No 73] 25) [instead of 1800: 25]

P. 35

Lycochoriolaus lateralis (Olivier, 1800: [No 73] 22) [instead of 1800: 22]

P. 37

Stictoleptura canadensis canadensis (Olivier, 1800: [No 73] 8) [instead of 1800: 8]

Under *Strangalepta abbreviata* (Germar), among synonymic entries:

vittata Olivier, 1797: 523 [instead of *vittata*; Olivier, 1800: 523 (not Swederus, 1787)]

Strangalia acuminata (Olivier, 1800: [No 73] 20) [instead of 1800: 20]

P. 39

Under *Strophiona nitens* (Forster, 1771), one of the synonymic entries:

zebra: Provancher, 1877: 614 (not Olivier, 1800) [instead of "(not Olivier, 1795)"]

P. 40

Under *Typocerus lunulatus lunulatus* (Swederus), among synonymic entries:

arcuata Olivier, 1800: [No 73] 32 [instead of 1800: 32]

Typocerus velutinus velutinus (Olivier, 1800: [No 73] 18) [instead of 1800: 18]

Typocerus zebra (Olivier, 1800: [No 73] 19) [instead of 1800: 19]

P. 45

Under *Rhagium inquisitor inquisitor* (Linnaeus), among synonymic entries:
lineatus Olivier, 1800: [No 69] 13 [instead of 1795: 13]

P. 52

Under *Achryson surinamum* (Linnaeus), among synonymic entries:
surinamensis Olivier, 1795: [No 67] 42 [instead of 1795: 42]

P. 53

Cyrtophorus verrucosus (Olivier, 1800: [No 70] 67) [instead of 1800: 67]

P. 62

Hamaederus rugosus (Olivier, 1795: [No 67] 11) [instead of 1795: 11]

P. 65

Criodion cinereum (Olivier, 1795: [No 66] 35) [instead of 1795: 35]

P. 68

Clytus ruricola (Olivier, 1800: [No 70] 65) [instead of 1800: 65]

P. 69

Euryscelis suturalis (Olivier, 1800: [No 70] 62) [instead of 1800: 62]

Mecometopus palmatus (Olivier, 1800: [No 70] 29) [instead of 1800: 29]

P. 70

Megacyllene decora (Olivier, 1800: [No 70] 63) [instead of 1800: 63]

P. 72

Neoclytus araneiformis (Olivier, 1800: [No 70] 61) [instead of 1800: 61]

Under *Neoclytus longipes* (Drury); among synonymic entries:
rhombifer Olivier, 1800: [No 70] 46) [instead of 1800: 46]

P. 73

Neoclytus rufus (Olivier, 1800: [No 70] 28) [instead of 1800: 28]

P. 76

Under *Xylotrechus (Xylotrechus) colonus* (Fabricius), among synonymic entries:
campestre Olivier, 1800: [No 70] 65 [instead of 1800: 65]
villicum Olivier, 1800: [No 70] 64 [instead of 1800: 65]

P. 81

Chrysoprasis bicolor (Olivier, 1790: 258) [instead of 1800: 258]

Note. Published in *Encyclopédie méthodique. Histoire naturelle. Insectes*. Tome 5, livraison 41 (17 Nov 1790), NOT in *Entomologie, ou histoire naturelle des insectes* (1795; 1800).

P. 83

Plectrocerum spinicorne (Olivier, 1800: [No 70] 68) [instead of 1800: 68]

P. 84

Trichrous irroratus (Olivier, 1800: [No 70] 70) [instead of 1800: 70]

P. 86

Eburia didyma (Olivier, 1800: [No 67] 125) [instead of 1795: 125]

P. 87

Eburia stigma (Olivier, 1800: [No 67] 126) [instead of 1795: 126]

P. 96

Anelaphus cinereus (Olivier, 1800: [No 70] 69) [instead of 1800: 69]

P. 97

Under *Anelaphus villosus* (Fabricius), among synonymic entries:

pulverulentum Olivier, 1800: [No 70] 69 [instead of 1800: 69]

P. 110

Stenosphenus notatus (Olivier, 1800: [No 70] 61) [instead of 1800: 61]

P. 117

Under *Stromatium auratum* (Böber, 1793: 135) (valid name in place of *Stromatium fulvum* Villers, 1789: 256 [preoccupied; not Scopoli, 1763]), among synonymic entries:

unicolor Olivier, 1800: [No 70] 58 [instead of 1800: 58]

P. 123

Under *Lissonotus equestris* (Fabricius), among synonymic entries:

unidentatus Olivier, 1795: [No 67] 20 [instead of 1795: 20]

P. 128

Obrium maculatum (Olivier, 1800: [No 68] 32) [instead of 1800: 32]

P. 141

Acyphoderes abdominalis (Olivier, 1800: [No 74] 8) [instead of 1800: 8]

Under *Acyphoderes aurulenta* (Kirby, 1818), one of the two synonymic entries:

abdominalis: Gahan, 1895: 111 (not Olivier, 1800) [instead of "(not Olivier, 1795)"; add a colon after the species name because it's actually not a synonym but rather a misidentification of a species previously described by Kirby, 1818].

P. 149

Odontocera fasciata (Olivier, 1800: [No 74] 10) [instead of 1800: 10]

P. 156

Under *Coremia plumipes* (Pallas), the synonymic entry:

hirtipes Olivier, 1800: [No 68] 14 [instead of 1800: 14]

P. 157

Cosmisoma fasciculatum (Olivier, 1800: [No 68] 14 [instead of 1800: 14]

P. 161

Metaphrenon lucidum (Olivier, 1800: [No 70] 59) [instead of 1800: 59]

P. 162

Callimoxys sanguinicollis (Olivier, 1800: [No 74] 9) [instead of 1800: 9]

P. 164

Euderces pini (Olivier, 1800: [No 70] 71) [instead of 1800: 71]

P. 168

Ancylocera bicolor (Olivier, 1800: [No 68] 32) [instead of 1800: 32]

P. 170

Under *Ancylosternus morio morio* (Fabricius), the synonymic entry:
scutellaris Olivier, 1795: [No 67] 16 [instead of 1795: 16]

P. 171

Under *Batus latreillei* (White), the synonymic entry:

barbicornis: Olivier, 1795: [No 67] 8 (not Linnaeus, 1764) [instead of "*barbicornis* Olivier, 1795: pl. 7, fig. 48 (not Linnaeus, 1764)". Add a colon after the species name because it's actually not a synonym but rather the misidentification of a species undescribed at the time of Olivier's publication]

Note. The species is described in the text (Olivier 1795: [No 67] 8), so the reference to the figure in the Atlas is not necessary. Incidentally, when citing a figure in the Atlas of Olivier's work, the genus number must be specified because, as for the text, the "planches" [plates] within each genus are separately numbered and paginated. So, the figure of "*Cerambyx barbicornis*" must be cited as "[No 67] pl. VII, fig. 48".

P. 172

Under *Ceragenia bicornis* (Fabricius), the synonymic entry:
striatus Olivier, 1795: [No 67] 27 [instead of 1795: 27]

P. 175

Ctenodes Olivier, 1808: 779 [instead of 1807: 779]

Ctenodes decemmaculata Olivier, 1808: 781 [instead of 1807: 781]

P. 176

Drychateres bilineatus (Olivier, 1795: [No 67] 17) [instead of 1795: 17]

P. 185

Sternacanthus undatus (Olivier, 1795: [No 67] 32) [instead of 1795: 32]

P. 201

Under *Paromoeocerus barbicornis* (Fabricius), among synonymic entries:
plumigera Olivier, 1800: [No 68] 13) [instead of 1795: 13]

P. 202

Xystrocera globosa (Olivier, 1795: [No 67] 27) [instead of 1795: 27]

P. 203

In Cerambycine taxa of uncertain identity

Cerambyx umbraticus Olivier, 1800: [No 67] 129 [instead of 1795: 129]

P. 204

Acanthocinus obsoletus (Olivier, 1800: [No 67] 130) [instead of 1795: 310] (Note: inadvertent inversion of the digits 1 and 3 noticed when page number checked in original publication)

P. 241

Under *Aegomorphus purulensis* (Bates), the synonymic entry:

daviesi (Olivier, 1800: [No 67] 104) [instead of 1795: 104]

P. 250

Macropophora accentifer (Olivier, 1795: [No 66] 8) [instead of 1795: 8]

P. 252

Oreodera lateralis (Olivier, 1800: [No 67] 129) [instead of 1795: 129]

P. 279

Carterica mucronata (Olivier, 1800: [No 68] 30) [instead of 1800: 30]

P. 280

Colobothea emarginata (Olivier, 1795: [No 67] 48) [instead of 1795: 48]

P. 290

Desmiphora (*Desmiphora*) *fasciculata* (Fabricius, 1792: 284) [instead of "Olivier, 1792: 465" (actually "Olivier 1797: 465", see Bousquet 2016: 395)]

Note 1. In his Neotropical Catalogue Part II, Monné (2023: 597) lists the following among the synonyms under the entry "*Desmiphora* (*Desmiphora*) *fasciculata* (Olivier, 1792)": «*Lamia fasciculata* Olivier, 1792: 465; Fabricius, 1793: 284». However, Olivier 1792 rather refers to 1797 and Fabricius, 1793 refers to 1792 (see Bousquet 2016: 395 for Olivier and Bousquet 2016: 170 for Fabricius).

Note 2. Olivier actually published the name *fasciculata* under the genus name *Lamia* on page 465 in *Encyclopédie méthodique. Histoire naturelle. Insectes*. Tome 7 (wrongly dated 1792 on the title page), partie 2 (pages 369-827, February 1797) (see Bousquet 2016: 395). Therefore, Fabricius (1792: 284) is the first author who established this species name in *Entomologia Systematica emendata et aucta* Tom. I Pars II, under the genus *Lamia* as well. See remark by Bousquet (2016: 170) about the publication date of Fabricius' *Entomologia Systematica emendata et aucta* Tom. I Pars II. *Lamia fasciculata* Fabricius, 1792 has date priority over *Lamia fasciculata* Olivier, 1797.

Desmiphora (*Desmiphora*) *hirticollis* (Olivier, 1800: [No 68] 11) [instead of 1800: 11]

P. 299

Under *Psenocerus supernotatus* (Say, 1823), among the synonymic entries:

pini LeConte 1852: 158 (not Olivier, 1800) [instead of 1852: 158 (not Olivier, 1795)]

P. 300

Dorcaschema cinereum (Olivier, 1800: [No 68] 28) [instead of 1800: 28]

P. 315

Ochromima pallipes (Olivier, 1800: [No 68] 31) [instead of 1800: 31]

P. 316

Phoebe bicornis (Olivier, 1800: [No 68] 27) [instead of 1800: 27]

Phoebe cornuta (Olivier, 1800: [No 68] 26) [instead of 1800: 26]

P. 317

Sybaguasus thoracicum (Olivier, 1800: [No 68] 18) [instead of 1800: 18]

P. 322

Monochammus carolinensis (Olivier, 1797: 463) [instead of 1792: 463] (see Bousquet 2016: 395; Bousquet et al. 2017: 148-149)

and among its synonymic entries:

carolinensis Olivier, 1800: [No 67] 85 [instead of 1795: 85]

P. 333

Oncideres diana (Brongniart, 1793: 34) [the VALID NAME for this species (instead of "Olivier, 1792: 470")]

AND under it, ADD the junior synonym:

Oncideres diana (Olivier, 1797: 470) [instead of 1792: 470]

Note. Olivier actually published the name *diana* under the genus name *Lamia* on page 470 in *Encyclopédie méthodique. Histoire naturelle. Insectes*. Tome 7 (wrongly dated 1792 on the title page), partie 2 (pages 369-827, February 1797), and subsequently used the same species name under the genus name *Cerambyx* in *Entomologie, ou histoire naturelle des insectes* (1800: [No 67] 107). However, Brongniart (1793: 34) first established this species name under the genus *Lamia* from a specimen collected in the same place (Cayenne) by the same collector (M. Leblond) as those on which Olivier based his two descriptions of *diana*.

P. 344

Polyrhaphis papulosa (Olivier, 1795: [No 67] 72) [instead of 1795: 72]

P. 349

Under *Oberea ruficollis* (Fabricius), the synonymic entry:

plumbea Olivier, 1800: [No 68] 21 [instead of 1800: 21]

P. 349

Under *Oberea perspicillata* Haldeman, 1847, among the synonymic entries:

bimaculata Horn 1878: 46 (not Olivier, 1800) [instead of 1878: 46 (not Olivier, 1795)]

P. 350

Saperda tridentata Olivier, 1800: [No 68] 30 [instead of 1800: 30]

E. Corrections to dates of description of the species described by Palisot de Beauvois.

Although often cited as published in 1805, the date mentioned on the title page of the first "livraison" [issue], the work was published in 15 "livraisons" from 1805 to 1821 (see Chevrolat 1853, Griffin 1937 and Bousquet 2016). Livraisons that include the Cerambycid species listed in the Checklist are:

Livraison 13, 1819 : pages 209–224 + Coléoptères, planches Ie, IX, XXXIV; Orthoptères, planche VIII; Lépidoptères, planche VI

Livraison 14, 1820 : pages 225–240 + Coléoptères, planche XXXV; Orthoptères, planche IIc; Hémiptères, planches Vb, XX; Lépidoptères, planche VI

The bibliographic reference to the complete work is in the *References related to the corrections* section.

The following corrections are proposed accordingly:

Page 20

Hovorodon bituberculatus (Palisot de Beauvois, 1819: 216) [instead of 1805: 216]

P. 22

Under *Stenodontes excertus* (Olivier, 1795: [No. 66] 17), among the synonymic entries:

laevigatus Palisot de Beauvois, 1820: 227 [instead of 1805: 227]

P. 29

Derancistrus elegans Palisot de Beauvois, 1819: 217 [instead of 1805: 217]

F. Corrections to the dates and pages of description of taxa described by Thomson in his monograph *Essai d'une classification de la famille des Cérambycides et matériaux pour servir à une monographie de cette famille*.

Thomson's work is dated 1860 on the title page, but most of it was published in 1861. It was issued in four livraisons: *Première partie*, pp. 1–128 in May 1860; *Deuxième partie* (pp. 129–280), *Troisième partie* (pp. 281–386), and *Tableau analytique* (pp. 387–396) in 1861 (see Bousquet 2016: 532).

In addition, some corrections are made to taxa established in Thomson's *Systema cerambycidarum ou exposé de tous les genres compris dans la famille des cérambycides et familles limitrophes* issued in 1864 (pp. 1–352) and 1865 (pp. 353–538), and in *Diagnoses d'espèces nouvelles qui seront décrites dans l'appendix du systema cerambycidarum* (pp. 541–578). *Systema cerambycidarum* was reissued in 1866, with the same pagination, in *Mémoires de la Société Royale des Sciences de Liège* 19 (see Bousquet 2016: 533)]. *Diagnoses d'espèces nouvelles*, originally planned as an appendix to *Systema cerambycidarum*, was also to appear in the same journal, but this never happened because the work had already been published privately in 1865 in order to make the new taxon names available earlier (see Thomson 1865: 541).

Page 11

Erichsoniini Thomson, 1861: 274 [instead of 1861: 140, 274]

Note. When the name of a taxon appears on two different pages, i.e. in a key and as a main entry with a description, the page of the main entry should be retained for nomenclatural purposes. The page of the key should be used only when there is no description under the main entry or when the key is in a different part published earlier than the main entry (which occasionally happened for some taxa established by J. Thomson).

Original spelling: Erichsonitae Thomson, 1861: 140 (key), 274

P. 16

Under Callipogonini Thomson, 1861

Original spelling: Callipogonitae Thomson, 1861: 293 (key), 323

P. 18

Macrodonitiini Thomson, 1861: 312

Original spelling: Macrodonititae Thomson, 1861: 294 (key), 324

P. 19

Macrotomini Thomson, 1861: 312 [instead of Thomson 1860: 290]

Note. page of the main entry retained for nomenclatural purposes.

Original spelling: Macrotomitae Thomson, 1861: 290 (key), 312

Aplagiognathus Thomson, 1861: 320 [instead of 1860: 320]

P. 20

Mallodonhoplus Thomson, 1861: 320 [instead of 1860: 320]

Mallodonopsis Thomson, 1861: 317 [instead of 1860: 317]

P. 22

Strongylaspsis Thomson, 1861: 313 [instead of 1860: 313] (see note under *Aplagiognathus* above)

Under Mallaspini Thomson, 1861

Original spelling: Mallaspitae Thomson, 1861: 286 (key), 302

Esmeralda Thomson, 1861: 303 [instead of 1860: 303]

P. 24

Under Meroscelisini Thomson, 1861

Original spelling: Meroscelisitae Thomson, 1861: 285 (key), 299

P. 29

Holonotus Thomson, 1861: 304 [instead of 1860: 304]

Prosternodes Thomson, 1861: 307 [instead of 1860: 288]

Note. Page checked in the original publication. Page 288 is where the name appears in the key; the main entry with the description is on page 307.

P. 32

Rhathymoscelis Thomson, 1861: 160 [instead of 1860: 160]

P. 38

Neoleptura Thomson, 1861: 153 [instead of 1860: 153]

P. 69

Mecometopus Thomson, 1861: 222 [instead of 1860: 222]

P. 77

Aglaoschema viridipenne Thomson, 1861: 254 [instead of 1860: 254]

P. 90

Erosida Thomson, 1861: 242 [instead of 1860: 242]

Pronuba Thomson, 1861: 241 [instead of 1860: 241]

P. 102

Eurysthea Thomson, 1861: 247 [instead of 1860: 247]

P. 124

Methiini Thomson, 1860: 127 [instead of 1861: 5]

And under it:

Original spelling: Methiitae Thomson, 1860: 5 (key), 127

P. 166

Under Torneutini Thomson, 1861: 139

Original spelling: Torneutitae Thomson, 1861: 139 (key)

P. 202

Unxia Thomson, 1861: 252 [instead of 1860: 233]

Note. Page 234 (not 233) is where the name appears in the key; the main entry with the description is on page 252.

P. 204

Under Lamiinae Latreille, 1825: 401, one of the synonymic entries:

Moneilemitae Thomson, 1864: 43 [instead of Moneilemini Thomson 1864 / add a comma after "Thomson"]

Under *Alcidion humerale* (Perty, 1832) [Note: also correct ending with -e instead of -is (see explanation in

Section 4

Modifications to taxonomy and nomenclature, changes among the synonymic entries and standardization of status indications

This section reports recently published taxonomic and classification changes that have been overlooked, and proposes additions of new or forgotten records, forgotten synonymous entries, forgotten nomenclatural acts, and missing colons after unavailable taxon names. It also proposes the deletion of irrelevant synonymous entries. It includes additions of missing entries, most of them found in other checklists and catalogues, and historically overlooked names.

In the Checklist, the synonymic entries include both available and unavailable names. Invalid available names (e.g., objective or subjective synonyms, junior homonyms, unjustified emendations, unnecessary replacement names) are true synonyms, but unavailable names such as incorrect subsequent spellings, incorrect original spellings, misidentifications and nomina nuda are not. Each name may be assigned a qualification, or indication of status (e.g. new replacement name, incorrect subsequent spelling, etc.) but this information is only occasionally given in the Checklist. Also, a colon — semicolon in the Checklist — should always follow an unavailable name but not a true synonym, and this rule is not always followed in the Checklist. All this information is important because an available invalid name is a potential substitute name while an unavailable name is not. All taxon names in the Checklist have been reviewed to define their status. The missing status indication (qualification) for each unavailable name, as well as for each name whose validity is not determined

according to its date priority (e.g., a new replacement name; an unjustified emendation in prevailing usage, an incorrect subsequent spelling in prevailing usage), is included below as a novel information.

Regarding the colons after unavailable names, it has been considered more appropriate to use them instead of semicolons in some major journals and works [e.g., *The Coleopterists Bulletin*, *The Canadian Entomologist*; the second edition of the *Cooperative Catalogue of the Palearctic Coleoptera Curculionoidea* (Alonso-Zarazaga ed.)]. This practice has been adopted below.

The following abbreviations are used to indicate the different qualifications.

Abbreviations of qualifications for available names:

[COS] correct original spelling / = new spelling in case of a justified emendation, including name selected by First Reviser under ICZN article 24.2.3

[FR] Act of First Reviser (under ICZN 1999, article 24.2.3)

[ISSPU] incorrect subsequent spelling in prevailing usage (under ICZN 1999, article 33.3.1)

[JH] junior homonym (for genus) / = preoccupied name

[JpH] junior primary homonym (for species) / = originally preoccupied species-group name

[JsH] junior secondary homonym (for species) / = preoccupied species-group name resulting from a new combination

[wJH / wJpH / wJsH] wrongly considered junior homonym / = erroneously considered preoccupied

[NO] *nomen oblitum* / = forgotten name according to ICZN, article 23.9

[NP] *nomen protectum* / = protected name under ICZN, article 23.9

[RN] new replacement name / = *nomen novum*; new substitute name

[SN] substitute name (either new or chosen among the existing synonyms of the preoccupied name)

[UE] unjustified emendation (when not in prevailing usage)

[UEPU] unjustified emendation in prevailing usage (under ICZN, article 33.2.3.1)

[URN] unnecessary replacement name

[PI] permanently invalid name

Abbreviations of qualifications for unavailable names:

[IE] inadvertent error

[IOS] incorrect original spelling (including that rejected by First Reviser under ICZN article 24.2.3)

[ISS] incorrect subsequent spelling / = misspelling or misspelled posterior usage

[MId] misidentification / = "misapplied name", available name used in an improper sense

[NN] *nomen nudum* [plural: *nomina nuda*] / = name not established in accordance with ICZN 1999, article 10 and, when relevant, articles 11-20

These abbreviations give a concise answer to the following questions:

1. Why is this name the valid one whereas there is at least one older name for this taxon?
2. Why is this unavailable name listed among the synonymic entries?

Page 5

Under *Migdolus fryanus* Westwood, 1863, the synonymic entry:

morretesi: Fonseca, 1958: 30 [MId; not Lane, 1937]

P. 6

Under *Sypilus* Guérin-Ménéville, 1840: 277, add a synonymic entry:

Sipylus: Chevrolat in D'Orbigny, 1848: 638 [ISS]

Under *Mysteria lacordairei* (Lameere, 1902: 212), the synonymic entry:

cylindripennis: Lacordaire, 1876: pl.81, fig.2 [MId; not Thomson, 1861]

P. 8

Under *Distenia* (*Basisvallis*) *phaeocera* Bates, 1880: 35, the synonymic entry:

rufipes: Bates, 1872: 196 [MId; not Bates, 1870]

Under *Distenia* (*Distenia*) Lepeletier & Audinet-Serville in Latreille, 1828: 485, one of the synonymic entries; and delete one; and add one:

Antinoe Thomson, 1864: 64 TO BE DELETED because it is a synonym of *Novantinoe* Santos-Silva & Hovore, 2007, not of *Distenia* (see under *Novantinoe* below).

Thelxiope Thomson, 1864: 226 [JH; not Rafinesque, 1814, Crustacea]

Thomsonistenia Santos-Silva & Hovore, 2007: 20 [RN for *Thelxiope*]

Under *Disteniazteca fimbriata* (Lacordaire, 1869: 228), the synonymic entry:

fimbria: Villiers, 1959: 57 [ISS]

Under *Disteniazteca pilati* (Chevrolat, 1857: 104), the synonymic entry:

pilatei: Thomson, 1861: 182 [ISS]

P. 9

Novantinoe Santos-Silva & Hovore, 2007: 19 [RN]

And under it, add the synonymic entry:

Antinoe Thomson, 1864: 64 [JH; not Kinberg, 1856, Polychaeta]

P. 11

Neandra Lameere, 1912: 114 [NP]

And under it, add the following synonymic entry:

Isocerus Illiger, 1801: 295 [NO]

Under *Neandra marginicollis* (Schaeffer, 1929: 40), the synonymic entry:

brunnea: Fall, 1901: 142 [MId; not Fabricius, 1798]

P. 12

Under *Birandra* (*Birandra*) *lucanoides* (Thomson, 1861: 85), the synonymic entry:

colombica: Vivas Berthier, 1942: 37 [MId; not White, 1853]

Under *Birandra* (*Yvesandra*) *angusticollis* (Bates, 1879: 2), the synonymic entry:

punctata: Bates, 1872: 166 [MId; not White, 1853]

P. 13

Under *Anacolus* Berthold, 1827: 395, Add a synonymic entry:

Anacholus Gistel, 1848a: 427 [UE]

Note. Gistel (1848a: 427) proposed the name *Anacholus* as an emendation of *Anacolus* Berthold, 1827 in these terms: " Hieher: Anacolus (Anacholus; denn man schreibt ανάχολος, truncatus, mutillatus)" [Here: Anacolus (Anacholus; because it is written ανάχολος, truncatus, mutillatus]. Gistel's statement refers to

the fact that the Greek letter χ is transliterated into Latin as "ch". Gistel (1848a: 427) was published on 31.V.1848 and Gistel (1848b: 130), where the name appeared again, on [31].VI.1848. Rather considered a replacement name ("unjustified new name") by Monné (2024: 85) in his Neotropical Catalogue III.

P. 15

Nicias Thomson, 1857: 136 [URN]

And under it, the synonymic entry:

Hamadryades Thomson, 1857: 22 [wJH; not *Hamadryas* Hübner, 1806, Lepidoptera]

Note. *Nicias*, an unnecessary replacement name currently used instead of *Hamadryades*, proposed by Thomson for what he mistakenly considered a junior homonym of *Hamadryas* Hübner, 1806. The reversal of precedence will be necessary to conserve the use of the name *Nicias*.

Under *Poecilosoma* Audinet-Serville, 1832: 184, one of the synonymic entries; and add one:

Poecilosoma: Laporte, 1840: 411 [ISS] (add a colon)

Traulotes Gistel, 1848: 427 [UE]

Note. Gistel (1848a: 427) proposed the name *Traulotes* as an emendation of *Poecilosoma* Audinet-Serville, 1832 (as *Poecilosoma*, an incorrect subsequent spelling by Laporte 1840) in these terms: "*Poecilosoma* (*Traulotes*; mihi) sind lauter Namen von Farben und Haaren und beziehen sich auf amerikanische Böcke." [*Poecilosoma* (*Traulotes*; mihi) are all names of colors and hair and refer to American bucks [longhorns]]. The same text appeared in Gistel (1848b: 130), but the name also in 1848b: ix as an emendation of *Harrisia* Robineau-Desvoidy, 1830 (as Meigen, 1838) Diptera: Tachinidae). Since Gistel (1848a: 427) was published in May 1848, and Gistel (1848b: xi) in June 1848, *Traulotes* Gistel, 1848b: ix (= *Harrisia*, Diptera: Tachinidae) is a junior homonym of *Traulotes* Gistel, 1848a: 427 (Cerambycidae). Rather considered a replacement name ("unjustified new name") by Monné (2024: 97) in his Neotropical Catalogue III.

Under *Prionapterus staphilinus* Guérin-Ménéville, 1831: pl. 42, fig. 10, one of the synonymic entries:

staphylinus: Guérin-Ménéville in Audinet-Serville, 1832: 200 [ISS] (add a colon)

P. 16

Under *Callipogonini* Thomson, 1861, among the synonymic entries:

Ergatites Fairmaire in Jacquelin Du Val, 1864 to be removed from the list of synonyms because the tribe Ergatini is valid according to Bousquet et al. (2009: 16), Bouchard et al. (2011: 456), Casari & Nascimento (2019: 117), the Catalogue of Palaearctic Coleoptera Second Edition vol 6/1 (2020: 109), Bouchard et al. (2024: 211), and Titan.gbif.fr website (Tavakilian & Chevillote 2024). In a phylogenetic study, Kim et al. (2018) concluded that the *Callipogon* clade and *Ergatini* clade are distinct and separated more than 75 million years ago. The tribe Ergatini should be inserted between Calocomini and Macrotomini on page 18. It includes only genus *Trichocnemis* in the western Hemisphere.

Under *Callipogon* (*Callipogon*) *senex* Dupont, 1832, the synonymic entry:

barbatum: Audinet-Serville, 1832: 142 [MId; not Fabricius, 1781]

Under *Chorenta* Gistel, 1848: viii, the synonymic entry:

Anacanthus Audinet-Serville, 1832: 165 [JH; not Gray, 1830, Actinopterygii [Pisces]]

Note. Gistel (1848b) proposed the name *Chorenta* as a replacement name for *Anacanthus* Audinet-Serville, 1832, because he wrongly thought it was a junior homonym of the younger name *Anacanthus* Ehrenberg, 1833 (Cordata: Elasmobranchia). But since Audinet-Serville's name was a junior homonym of the older name *Anacanthus* Gray, 1830 (Pisces), *Chorenta* was the available substitute name. *Anacanthus* Audinet-Serville, 1832 was first recognized to be a preoccupied name by Monné (2006: 33), who proposed the synonym *Chorenta* Gistel, 1848 as a valid name for this genus.

P. 17

Under *Stictocomus* Audinet-Serville, 1832: 153, Add a synonymic entry:

Ergates Gistel, 1848: xi [UE / JH; not Audinet-Serville, 1832]

Note. Gistel (1848b) proposed *Ergates* as an emendation of *Stictosomus* in these terms: "*Stictosomus* (Serv.) in *Ergates* (N.)"

Under *Enoplocerus* Audinet-Serville, 1832: 146, Add a synonymic entry:

Oenoplocerus Gistel, 1848: 425 [UE]

Note. Gistel (1848a: 425) proposed the name *Oenoplocerus* as an emendation of *Enoplocerus* Audinet-Serville, 1832 in these terms: "Anm. Da ich kein griechisches Lexikon beim Schreiben dieses habe; so kann ich nicht gutsieben, ob *Enoplocerus* richtig sei. Ich denke *Oenoplocerus* soll es geschrieben sein." [Note. Since I had no Greek dictionary at the time of writing this, I cannot judge whether *Enoplocerus* is correct. I think it should be written *Oenoplocerus*.]. The name was first published in Gistel (1848a: 425), before Gistel (1848b: 130).

Under *Orthomegas cinnamomeus* (Linnaeus, 1758: 389), the synonymic entries:

cinctus Voet, 1778: 16 [NN] [Because the name was proposed in a work in which the author did not consistently apply the Principle of binominal nomenclature (ICZN, article 11.4)]

corticatum: Williams, 1929: 145 [ISS for *corticinus* Olivier, 1790]

Under *Navosoma* Blanchard, 1843, the synonymic entry:

Naosoma Gemminger in Gemminger & Harold, 1872: 2763 [UE]

P. 18

Under *Calocomus* Audinet-Serville, 1832: 194, add a synonymic entry:

Alyce Gistel, 1848: 427 [UE]

Note. Gistel (1848a) proposed this name as an emendation of *Calocomus* in these terms: "*Calocomus* (*Alyce*; mihi)". Rather considered a replacement name ("unjustified new name") by Monné (2024: 118) in his Neotropical Catalogue III.

Ergatini Fairmaire in Jacquelin Du Val, 1864: 117 TO BE ADDED between Calocomini and Macrodoniini (see rationale above).

"*Trichocnemis* LeConte, 1851" to be moved to valid tribe Ergatini.

Under *Trichocnemis* LeConte, 1851, the synonymic entry:

"*Ergates* (*Callergates*) Lameere, 1904: 47" to be removed from the synonymy with *Trichocnemis* since it is a valid Palaearctic genus in tribe Ergatini.

Under *Acalodegma* Thomson, 1877: 261, the synonymic entry:

Acadolegma: Lameere, 1919: 94 [ISS]

Acanthinodera Hope, 1834: 106 [NP]

And under it, one of the synonymic entries, and add one:

Malloderus: Drapiez, 1841: 56 [ISS of *Malloderes* Dupont, 1835]

Amallopodes Lequien, 1833: [unpag. Classe IX, N° 74] [NO]

P. 19

Under *Macrodonia* Lacordaire, 1830: 171, the synonymic entry:

Macrodonatus: Gistel, 1848: 424 [ISS] (instead of "Gistel, 1848: 129")

Note. *Macrodonatus* Gistel, 1848a: 424 was published in May 1848, and *Macrodonatus* Gistel, 1848b: 129 in June 1848.

Under *Macrodonatia batesi* Lameere, 1912: 166, one of the synonymic entries:

dejeani: Bates, 1879: 5 [Mld; not Gory, 1839]

Under *Macrodonatia crenata* (Olivier, 1795: [No 66] 27), one of the synonymic entries:

quadrispinosus Schoenherr, 1817: 346 [URN]

Under *Archodontes melanopus* subsp. *serrulatus* (LeConte, 1854: 82), add a synonymic entry:

serratus: Thomson, 1867: 91 [ISS]

Under *Basitoxus* Audinet-Serville, 1832: 174, two of the synonymic entries; and add one:

Timandra Gistel, 1848: 427 [UE]

Note. Gistel (1848a: 427) proposed the name *Timandra* as an emendation of *Basitoxus* in these terms:

"*Basitoxus armatus* muß (zu *Stenodontes* gehörig) einen andern (*Timandra*; mihi) Namen erhalten"

[*Basitoxus armatus* (belonging to *Stenodontes*) must be given a different name (*Timandra*; mihi)].

Timandra Gistel, 1848a: 427 was published in May 1848, and *Timandra* Gistel, 1848b: xi, 130 in June 1848.

Rather considered a replacement name ("unjustified new name") by Monné (2024: 135) in his Neotropical Catalogue III.

Basitoxus: Desmarest in Chenu, 1870: 307 [ISS] (see

<https://www.biodiversitylibrary.org/item/51434#page/9/mode/1up>)

Baseotoxus Gemminger in Gemminger & Harold, 1872: 2768 [UE] (remove the semicolon)

Chiasmetes Pascoe, 1867: 411 [RN]

And under it, the synonymic entry:

Chiasmus Thomson, 1861: 318 [JH; not Mulsant & Rey, 1855, Hemiptera]

P. 20

Under *Ialysus* Thomson, 1864: 296, the synonymic entry:

Ialysus: Gemminger in Gemminger & Harold, 1872: 2763 [ISS]

Mallodon dasystomus (Say, 1823: 326) (instead of *dasystomus dasystomus*)

Note. No nominotypical subspecies are recognized as valid for this species in the Checklist. All taxa listed

under this species are junior synonyms; *M. socorrensis* (Linsley & Chemsak, 1966) is however listed as a valid subspecies on Titan.gbif.fr website.

And under this taxon, three of the synonymic entries:

mandibularis Lackerbeck, 1998: 517 [JpH; not Gemminger, 1872]

melanopus: Haldeman, 1847: 30 [Mld; not Linnaeus, 1767]

spinibarbe: Haldeman, 1847: 31 [Mld; not Linnaeus, 1758]

Under *Mallodonhoplus* Thomson, 1860, the synonymic entry:

Mallodonoplus Gemminger in Gemminger & Harold, 1872: 2768 [UE] (the semicolon to be removed because an unjustified emendation is an available name)

P. 21

Under *Nothopleurus madericus* (Skiles, 1978: 414), the synonymic entry:

arizonicus: Hovore & Giesbert, 1976: 350 [Mld; not Casey, 1912]

Under *Nothopleurus serratus* (Thomson, 1865: 578, three of the synonymic entries:

gnatho LeConte, 1858: 81 [JpH; not White, 1853] (the semicolon to be removed after "*gnatho*" because it is an available name)

mandibulare Gemminger, 1872: 254 [RN for *gnatho* LeConte, 1858] (instead of "*mandibulare*; Gemminger, 1872: 254 (not Fabricius, 1801)" / the semicolon to be removed after "*mandibulare*" because it is an available name)

dentiger LeConte in Crotch, 1873: 82 [RN for *gnatho* LeConte, 1858]

Note 1. *Mallodon gnatho* LeConte, 1858 is a junior homonym (nec White, 1853). *Mallodon mandibulare* Gemminger, 1872 and *dentiger* LeConte were proposed as replacement names for the preoccupied *gnatho* LeConte and although invalid, they are available names. The colon should not be used after an available name, only after unavailable names.

Note 2. There is no case of primary homonymy between *Mallodon mandibulare* Gemminger, 1872 and *Prionus mandibularis* Fabricius, 1801 since they were not originally described in the same genus, and I have not found when they could have been simultaneously combined with the same genus, so there is no case of secondary homonymy found between them either. So delete "not Fabricius, 1801".

Under *Physopleurus maillei* Audinet-Serville, 1832, the synonymic entry:

mallei: Redtenbacher, 1867: 202 [ISS]

Under *Physopleurus villardi* Lameere, 1902: 87, one of the synonymic entries:

maxillosus: Bates in Whympere, 1891: 37 [Mld; not Drury, 1773]

P. 21-22

Under *Stenodontes chevrolati* Gahan, 1890: 23, three of the synonymic entries:

damicornis: Chevrolat, 1862: 273 [Mld; not Linnaeus, 1771]

exsertus: Horn, 1880: xvii [Mld; not Olivier, 1795]

mandibularis: Leng, 1884: 9 [Mld; not Fabricius, 1801]

P. 22

Under *Mallaspini* Thomson, 1861:

Pyrodini Harold, 1879: 165 (instead of *Pyrodides* Lacordaire, 1869: 180, a *nomen nudum*, unavailable under the provisions of Article 11.7.2 because not attributed to Lacordaire, 1868 when subsequently latinized (see Bouchard et al. 2024: 461))

Under *Esmeralda coerulea* (Schoenherr, 1817: 346), one of the synonymic entries:

laetificus: Melzer, 1919: 123 [Mld; not Bates, 1869]

P. 23

Under *Hileolaspis auratus* (Linnaeus, 1758: 395), one of the synonymic entries:

insignis Nonfried, 1894: 136 [instead of "*insignis*; Nonfried, 1894: 136 (not Bates, 1884: 238)" / the semicolon to be removed since *Esmeralda insignis* is a true junior synonym of *Hileolaspis auratus* (Linnaeus, 1758), and remove "(not Bates, 1884: 238)"]

Note. This mistake comes from the fact that Monné (2023: 134), in his Catalogue III, wrongly listed "*Pyrodes insignis*" as the original combination instead of "*Esmeralda insignis*". So, Nonfried's name never was a junior primary or secondary homonym of *Mallaspis insignis* Bates, 1884 [currently in *Insuetaspis* as a junior synonym of *I. paradoxa* Bates, 1869]] because Bates and Nonfried's names were never simultaneously combined with the same genus name. Therefore, "(not Bates, 1884: 238)" is irrelevant and should be deleted from this synonymic entry.

Under *Mallaspis* Audinet-Serville, 1832: 188, add a synonymic entry:

Ulpio Gistel, 1848: 427 [UE]

Note. Gistel (1848a: 427) proposed the name *Ulpio* as an emendation of *Mallaspis* Audinet-Serville, 1832 in these terms: "*Mallaspis* (*Ulpio*; mihi)." Gistel (1848b: xi, 130) proposed the same unjustified emendation,

but Gistel (1848a; May) has date priority over (1848b; June). Rather considered a replacement name ("unjustified new name") by Monné (2024: 143) in his Neotropical Catalogue III.

Under *Scatopyrodes tenuicornis* subsp. *marginatus* (White, 1853), add a synonymic entry:
marginalis: Buquet, 1853: xliv [ISS] (add a colon)

P. 24

Under *Meroscelisini* Thomson, 1861, among the synonymic entries:

Orthosomitae Thomson, 1864 to be moved under *Prionini* Latreille, 1804 on **page 25** (because the type-genus *Orthosoma* Audinet-Serville, 1832 is included in *Prionini*)

Under *Hyleoza confusa* Tavalilian & Galileo, 1991: 550, one of the synonymic entries:

lineata: Galileo, 1987: 261 [Mld; not Bates, 1869]

Under *Meroscelisus* Audinet-Serville, 1832, one of the synonymic entries:

Meroscelicus: Desmarest, 1860: 308 [ISS]

Under *Microphophorus* Blanchard in Gay, 1851, the synonymic entry:

Microphorus: Desmarest, 1860: 307 [ISS]

Under *Polyzoa* Audinet-Serville, 1832: 166, add a synonymic entry:

Autolycus Gistel, 1848: 426 [UE]

Note. Name proposed as an emendation of *Polyzoa* in these terms: "Polyzoa (*Autolycus*; mihi)" in Gistel (1848a). The same proposal appeared in Gistel (1848b: 130), and also as "*Mallaspis* (Serv.) in Ulpio N." in 1848b: xi. Rather considered a replacement name ("unjustified new name") by Monné (2024: 172) in his Neotropical Catalogue III.

Under *Polyzoa lacordairei* Audinet-Serville, 1832: 167, the synonymic entry:

dejeanii: Gray in Griffith, 1831: pl. 65, fig. 3 [Mld; not Latreille, 1829]

P. 25

Under *Tragosoma harrisii* LeConte, 1851: 107

Remove "*spiculum* Casey, 1890: 107, ", wrongly listed as synonym (correctly listed as a valid species in the Checklist seven lines down).

Under *Trichoderes* Chevrolat, 1843: 35, add a synonymic entry:

Gistonycerus Gistel, 1848: xi [UE]

Note. Gistel (1848b) proposed this name as an emendation of *Trichoderes* in these terms: "*Trichoderes* (Chevr.) in *Gistonycerus* (N.)". Rather considered a replacement name ("unjustified new name") by Monné (2024: 175) in his Neotropical Catalogue III.

Prionini Latreille, 1802: 212 (instead of 1804: 264 / see Bouchard et al. 2011: 460; Bouchard et al. 2024: 441).

Under *Apterocaulus* Fairmaire, 1864: 267, the synonymic entry:

Micropsalis Burmeister, 1865: 314 [JH; not Meyer, 1859, Crustacea]

Under *Derobrachus* Audinet-Serville, 1832, one of the two synonymic entries:

Braderochus: Lacordaire, 1864: 291 (part) [Mld; not Buquet, 1852] (add a colon)

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Under *Prionacalus* White, 1845, the synonymic entry:

Prionocalus: Thomson, 1864: 280 [ISS] (add a colon; add a comma after "Thomson")

Under *Prionacalus cacticus* (White, 1845: 110), one of the synonymic entries:

atys: Lacordaire, 1876: pl.81, fig.1 [Mld; not White, 1850] (add a colon)

P. 27

Under *Prionus* (*Neopolyarthron*) *imbricornis* (Linnaeus, 1767: 622), add the synonymic entry:

brevicornis: Palisot de Beauvois, 1819: 216, t.34, f.3 [Mld; not Fabricius, 1801] (according to Lameere (1915: 60); see Note below under *beauvoisi*)

And one of the synonymic entries:

beauvoisi Lameere, 1915: 60

Note. *Prionus beauvoisi* is a "nom. nov." according to Monné (2023: 184) in his Neotropical Catalogue III, which means "new replacement name". However, Lameere did not propose a replacement name but rather described a new species by indication (ICZN 1999, article 12.1 and 12.2) when he proposed the name *P. beauvoisi* after mentioning that Palisot de Beauvois described and figured a female *Prionus* under the erroneous name *P. brevicornis*. "*brevicornis*: Palisot de Beauvois, 1819" is a misapplied name and therefore an unavailable name, and a replacement name (*nomen novum*) cannot be proposed for an unavailable name.

Under *Prionus* (*Prionus*) Geoffroy, 1762: 198, two of the synonymic entries:

Prionellus Casey, 1924: 222 [JH; not Kiefer, 1895, Diptera: Cecidomyiidae]

Hypoprionus Santos-Silva, Nearn & Swift, 2016: 8 [RN for *Prionellus* Casey, 1912]

Under *Prionus* (*Prionus*) *aztecus* Casey, 1912: 246, one of the synonymic entries; and delete one:

mexicanus: Lameere, 1912: 245 [Mld; not Bates, 1884] (add a colon)

"*aztecus* Lameere, 1915: 60 (not Casey, 1912)" to be deleted.

Note. The above synonymy makes no sense. This means that a species identified as *aztecus* by Lameere (1915: 60) is not *aztecus* Casey, 1912 but rather *aztecus* Casey, 1912. This weird statement is probably due to a misunderstanding of Lameere's (1915: 60) text (in French). Here is my free translation of Lameere's statement (in blue) with my additions in square brackets:

"The one that I have described as such [referring to *Prionus mexicanus* H.B. Bates, mentioned in the same paragraph three lines above] in my *Revision des Prionides* [on page 245 in 20e mémoire - Prionines (VII) in Ann. Soc. Entomol. Belgique vol. 56 (1912)] from specimens in the Hamburg Museum, is a different species which I believe I can relate to *P. aztecus* Casey (Memoirs on the Coleoptera, III, 1912, p. 246), from the Sierra of Durango, because the antennae have 16 articles."

In other words, this Lameere's text is where he proposed the synonymy ["*mexicanus*: Lameere, 1912: 245 (not Bates, 1884)"] already listed in the Checklist one line above.

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Prionus (*Prionus*) *heroicus* Semenov, 1908: 259 [RN]

And under it, one of the synonymic entries:

heros Fall, 1905: 274 (JpH; not Semenov, 1900) (instead of "(not Skinner, 1905: 291 preoccupied)")

Note. Delete "not Skinner, 1905: 291". *Prionus heroicus* is the replacement name proposed by Semenov (1907: 259) for the junior primary homonym *P. heros* Fall, 1905, because he already had described *Prionus heros* Semenov, 1900: 329. Skinner has nothing to do with this synonymy. After giving details of the habitat where specimens of a new species he described (*Oncideres quercus*) were observed, Skinner (1905: 291) only added the following statement: "*Prionus heros* Fall, was fairly abundant and its hum just at dusk was a common sound." This is simply a field observation that is irrelevant to the synonymy of *Prionus heroicus*.

Under *Titanus* Audinet-Serville, 1832: 133, the synonymic entry:

Percnopterus Gistel, 1848: 424 [UE] (instead of "Gistel, 1848: 129")

Note. Gistel (1848a: 424) and Gistel (1848b: 219) proposed the name *Percnopterus* as an emendation of *Titanus* Audinet-Serville, 1832 in these terms: "Adlerbockkäfer (*Percnopterus*; Gistel; *Titanus* der Franzosen) ... Anm. Man schreibt nicht gigantischer Titan, wie man nicht sagt: Hölzernes Holz. Der Trivialname muß bleiben — sonst hätte geschrieben werden können *Titanus Linnaeanus* z. B.)" [Eagle Longhorn beetles (*Percnopterus*; Gistel; *Titanus* of the French) ... Note: One doesn't write "Giant Titan" just as one doesn't say "wooden wood." The common name must remain—otherwise, it could have been written "*Titanus Linnaeanus*" for example.]. Gistel (1848a: 424) was published 31.V.1848 and Gistel (1848b: 129), [31].VI.1848. Rather considered a replacement name ("unjustified new name") by Monné (2024: 202) in his Neotropical Catalogue III.

P. 29

Under *Elateropsis scabrosa* Gahan, 1890: 29, two of the synonymic entries:

fuliginosus: Chevrolat, 1862: 271 [MId; not Fabricius, 1775]

punctatus: Zayas, 1957: 171 [MId; not Gahan, 1890]

Under *Prosternodes cinnamipennis* (Chevrolat, 1838), add a synonymic entry:

cinnamomipennis: Gemminger in Gemminger & Harold, 1872: 2783 [ISS]

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Under *Solenoptera sulcicollis* Thomson, 1861: 306, the synonymic entry:

sulcipennis: Thomson, 1878: 4 [ISS]

Under *Sphenostethus* Haldeman, 1846: 126, the synonymic entry:

Hoplopteryx Westwood, 1845: 40 [JH; not Agassiz, 1838, *Actinopterygii* [Pisces]] (delete the semicolon after the genus name since it is a junior homonym and therefore an available name; AND add the info about the senior homonym))

Under Lepturinae Latreille, 1804: 305 (actually "1802: 218"), among the synonymic entries:

"Rhagiadae Kirby in Richardson, 1837: 178" to be removed since Rhagiini is a valid tribe in Lepturinae.

Under Desmocerini Blanchard, 1845: 163, the synonymic entry:

"Dorcasomides Lacordaire, 1868: 456" to be removed since Dorcasominae is a valid subfamily in Cerambycidae (see Bouchard et al. 2011: 465 and Bouchard et al. 2024: 188).

Under *Desmocerus aureipennis* Chevrolat, 1855: 187, the synonymic entry:

auripennis: LeConte, 1857: 23 [ISS]

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Under *Encyclops* Newman, 1838: 392, one of the synonymic entries:

Microrrhabdium: Plavilstshikov, 1936: 108 [ISS of *Microrrhabdium* Kraatz, 1879]

Leptalia LeConte, 1873 [Move from Encyclopinini to Pidoniini Zamoroka, 2022, based on a phylogenetic analysis by Zamoroka (2022)].

Under *Callisphyrus* Newman, 1840: 1, the synonymic entry:

Callisphyrus: Thomson, 1864: 151 [ISS] (add a colon)

Under *Callisphyrus leptopus* Philippi, 1859: 673, one of the synonymic entries:

schythei: Philippi & Philippi, 1864: 380 [ISS of *schytei* Philippi, 1862] (add a colon)

P. 32

Under *Necydalis diversicollis diversicollis* Schaeffer, 1932: 152, the synonymic entry:

laevicollis: Van Dyke, 1923: 52 [Mld; not LeConte, 1869]

Under *Necydalis mellita* (Say, 1835: 94), one of the synonymic entries:

melitta: Hamilton, 1895: 338 [ISS] (add a colon)

Under *Rhathymoscelis batesi* Lane, 1965: 277, the synonymic entry:

haldemani: Bates, 1885: 287 [Mld; not Thomson, 1861] (add a colon)

Stenorhopalus Blanchard in Gay, 1851: 477 [RN]

And under it, the two synonymic entries:

Platynocera Blanchard in Gay, 1851: 471 [JH; not Blanchard, 1847, Chrysomelidae]

Stenorrhopalus: Gemminger in Gemminger & Harold, 1872: 2880 [ISS] (add a colon)

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Under Lepturini Latreille, 1802: 218, delete the three synonymic entries, and add one:

Encyclopini LeConte, 1873: 326 to be deleted since it is a valid tribe in Lepturinae.

Rhagiadae Kirby in Richardson, 1837: 178 (instead of Rhagii Boppe, 1921: 14) and TO BE MOVED UNDER Rhagiini as original spelling.

Toxoti LeConte & Horn, 1883: 313 [JH; not Toxotidae Günther, 1860, Perciformes] (instead of Toxotini Boppe, 1921: 14) TO BE MOVED UNDER Stenocorini

Grammopterini Della Beffa, 1915: 42 (see Bouchard & Bousquet 2020: 105; Bouchard et al. 2024: 901)

Above *Anoplodera* (*Anoploderomorpha*) Pic, 1901: 69, add:

Anoplodera Mulsant, 1839: 285

Note. This entry must be added in order to make description data of the genus *Anoplodera* available to the Checklist users.

Under *Brachyleptura brevis* (Kirby in Richardson, 1837: 182), one of the synonymic entries:

vagans: Swaine & Hopping, 1928: 63 (part) [Mld in part; not Olivier, 1800] (add a colon)

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Under *Chontalia cyanicollis* Bates, 1872: 233, the synonymic entries:

cyanipennis: Linsley & Chemsak, 1971: 23 [ISS]

cyanicolor: Linsley & Chemsak, 1971: 23 [ISS]

Under *Choriolaus* Bates, 1885, the synonymic entry:

Euryptera: LeConte & Horn, 1883: 313 [Mld in part; not Lepeletier & Audinet-Serville, 1828] (add a colon)

Under *Cyphonotida rostrata* subsp. *borealis* Linsley & Chemsak, 1976: 135, the synonymic entry:

ventralis: Casey, 1913: 260 [Mld; not Horn, 1894]

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Under *Grammoptera militaris* (Chevrolat, 1855: 187), the synonymic entry:

molybdica: LeConte, 1873: 218 (part) [Mld in part; not LeConte, 1851] (add a colon)

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Under *Judolia instabilis* (Haldeman, 1847: 59), the synonymic entry:

quadrata: Horn, 1886: xiii [Mld; not LeConte, 1873]

Under *Judolia montivagans montivagans* (Couper, 1864: 87), one of the synonymic entries:

sexmaculata: Kirby in Richardson, 1837: 182 [Mld; not Linnaeus, 1758]

Under *Leptura* (*Leptura*) Linnaeus, 1758: 397, one of the synonymic entries; and delete one:

Strangalia: LeConte, 1850: 327 [Mld; not Audinet-Serville, 1835] (instead of "*Strangalia*; LeConte, 1850: 327 (part)")

Nakanea Ohbayashi, 1963: 9 to be deleted since it is a valid eastern Palaearctic monotypic subgenus of genus *Etorofus* Matsushita, 1933.

Note. Löbl & Smetana (2010: 100) placed *Nakanea* Ohbayashi, 1960 as a subgenus of *Etorofus* Matsushita, 1933. This classification was adopted by Danilevsky (2016: [16]), as reported by Bousquet et al. (2017: 124), and more recently by Danilevsky (2020: 125) and Danilevsky (2024: [16]).

Above *Lepturobosca* (*Cosmosalia*) Casey, 1913: 267, add:

Lepturobosca Reitter, 1913: 17

Note. This entry must be added in order to make description data of the genus *Lepturobosca* available to the Checklist users (note: 1913 instead of 1912; see correction to reference to Reitter (19123) in **References related to the corrections** section).

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Under *Megachoriolaus cruentus* Hopping, 1937: 27, the synonymic entries:

cruentata: Hopping, 1937: 27 [ISS]

cruneta: Knull, 1954: 129 [ISS]

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Nivellia Mulsant, 1863: 564 (instead of *Trachysida* Casey, 1913: 271 / move from page 41 to page 38 after genus *Neoleptura* Thomson)

Note. *Trachysida* Casey is a junior synonym of *Nivellia* Mulsant (proposed by Zamoroka 2022: 300 based on a phylogenetic analysis). This is consistent with the result I obtained in an unpublished independent analysis of CO1 DNA in BOLD.

Platerosida Linsley, 1970: 135 TO BE MOVED from Rhagiini (page 47) to Lepturini between *Ortholeptura* and *Pseudophistomis*.

Stenelytrana Gistel, 1848: 432 [UE] (instead of "Gistel, 1848: 132")

And under it, the synonymic entry:

Stenura Dejean, 1835: 355 [JH; not Cuvier, 1829, Aves] (instead of "*Leptura* (*Stenura*) Dejean, 1837: 381 (not Cuvier, Aves)")

Note 1. The name *Stenura* was proposed as a valid genus by Dejean (1835) in his second catalogue, not as a subgenus. So, the synonymic entry should be "*Stenura* Dejean, 1835: 355, jun. homon. not Cuvier, 1829, Aves", not "*Leptura* (*Stenura*) Dejean, 1837: 381 (not Cuvier, 1829, Aves)".

Note 2. Gistel (1848a: 432) proposed the name *Stenelytrana* as an emendation of *Stenura* Dejean, 1835 in these terms: ""*Stenura* heißt Dünnschmanz; besser hießen dielenigen Käfer, welcher Flügel sich nach hinten verschmälern, *Stenelytrana*" [*Stenura* means thin-winged beetle; the beetles whose wings narrow behind are better called *Stenelytrana*]. Since he did not refer to the senior homonym *Stenura* Cuvier, 1829 (Aves), his name cannot be considered a new replacement name. *Stenura* Dejean was only found to be a preoccupied name later, in 2005, by Chemsak (p. 316), who used *Stenelytrana* Gistel, 1848, the oldest available substitute name among the synonyms of *Stenura* Dejean, as a valid subgenus of *Leptura*. Monné & Hovore (2006: 167) first used *Stenelytrana* as a valid genus. *Stenelytrana* Gistel, 1848b: 132 was considered a replacement name ("nomem nov. pro *Stenura* Dejean, 1835") by Monné (2024: 32) in his Neotropical Catalogue III.

Note 3. The name *Stenelytrana* was first published in Gistel (1848a: 432), before Gistel (1848b: 132).

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Stictoleptura Casey, 1924: 280 [NP]

And under it, add the synonym:

Nephropis Gosse, 1840: 224 [NO] (see Bousquet et al. 2017: 131)

Under *Strangalepta abbreviata* (Germar, 1823: 523), one of the synonymic entries:

vittata: Olivier, 1797: 523 [Mld; not Swederus, 1787]

Under *Strangalia* Dejean, 1835, one of the synonymic entries:

Ophistomis Gemminger in Gemminger & Harold, 1872: 2875 [UE for *Ophistomis*] (semicolon to be deleted since it is an available name)

Note 1. *Strangalina* Aurivillius, 1912: 245 was proposed as a new subgenus of *Strangalia*, but Monné (2024: 33) in his Neotropical Catalogue III, incorrectly considered it a replacement name ("nomem nov. pro *Strangalia*").

Note 2. Monné (2024: 33), in his Neotropical Catalogue III, listed "*Capito* Gistel, 1848b: xi" as an unjustified new name under genus *Strangalia*, but Gistel (1848a: 432) had actually proposed this name as an emendation of *Ophistomis* in these terms: "Der Genus Name *Ophistomis* bedeutet Schlangenmaul und kann so nicht bleiben. (Capito, mihi)" [The genus *Ophistomis* means snake mouth and cannot remain that way. (Capito, mihi)]. At the time, the name *Ophistomis* was only known from Dejean (1835: 355), which was an unavailable name. *Ophistomis* became an available name when Thomson (1857: 319) first provided a description for it. *Capito* Gistel, 1848 is therefore an unavailable name since it was proposed as an emendation of Dejean's (1835) unavailable name. *Ophistomis* Dejean, 1835 and *Capito* Gistel, 1848 are *nomina nuda* and should not be included as synonymic entries under genus *Strangalia*, or if they are, they should be qualified of *nomina nuda* ("[NN]").

Under *Strangalia acuminata* (Olivier, 1800: 20), one of the synonymic entries:

emaciata: Newman, 1841: 68 [Mld; not Bates, 1880]

Under *Strangalia bicolor* (Swederus, 1787: 197), two of the synonymic entries:

bicolorata: Turton, 1801: 352 [ISS]

Note. Instead of Tarton, 1806; spelling of author's name checked in the original publication. See Bousquet (2016: 542-542) for the exact publication date; first established in the first edition in 1801; "1806" is the date of the second edition.

bicolor Say, 1824: 418 [JpH; not Swederus, 1787]

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Strangalia linsleyana Giesbert, 1986: 142 [RN]

And under it, the synonymic entry:

linsleyi Giesbert, 1985: 280 [JpH; not Gressitt, 1951]

Note. The semicolon to be removed after the species name since it is a junior homonym and therefore an available name.

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Strangalia panama Di Iorio, 2002: 76 [RN]

And under it, the synonymic entry:

dimidiatus Chemsak & Linsley, 1981: 487 [JsH; not Redtenbacher, 1867]

Strangalia sinaloae Chemsak & Linsley, 1981: 490 [RN]

And under it, the synonymic entry:

gracilis Chemsak, 1969: 7 [JpH; not Gressitt, 1935]

Note. The semicolon to be removed after the species name since it is a junior homonym and therefore an available name.

Under *Strophiona nitens* (Forster, 1771: 45), two of the synonymic entries:

zebra: Provancher, 1877: 614 [Mld; not Olivier, 1800]

zebrata: Haldeman, 1847: 62 [Mld; not Fabricius, 1801]

P. 41-42

Under ~~*Trachysida*~~ *Nivellia mutabilis* (Newman, 1841: 71) [**P. 41**], two of the synonymic entries:

laetifia: Provancher, 1877: 620 [Mld; ISS for *laetifica* LeConte, 1859 / currently in *Anastrangalia*]] (add a colon)

mutabilis ab. *provancheri* Aurivillius, 1912: 223 [URN for *Leptura laetifia* Provancher, 1877]

Note. Proposed by Aurivillius as a replacement name for what he wrongly believed to be a junior primary homonym of *L. laetifica* LeConte, 1859 (currently in *Anastrangalia*)

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Under *Trigonarthrus* Haldeman, 1847: 65, add a synonymic entry:

Trigonarthrus Gistel, 1848: 432 [UE]

Note. Gistel (1848a: 432) proposed the name *Trigonarthrus* as an emendation of *Trigonarthrus* Haldeman, 1847 in these terms: "*Trigonarthrus* (man schreibt *Trigonoarthrus*, mit Elision *Trigonarthrus*)" [*Trigonarthrus* (one writes *Trigonoarthrus*, with elision *Trigonarthrus*)]. The name appeared also in an identical text in Gistel (1848b: 132), but Gistel (1848a; May) has date priority over (1848b; June).

Trigonarthrus minnesotana (Casey, 1913: 269) (move under *Trigonarthrus subpubescens* Kirby in Richardson, 1837 as a junior synonym)

Note. *T. minnesotana* Casey, 1913 is a junior synonym of *T. subpubescens* Kirby in Richardson, 1837 (proposed by Bousquet *et al.* 2017: 134 based on examination of the type specimen).

Under *Typocerus fulvocinctus* Knull, 1956, the synonymic entry:

flavocinctus: Linsley & Chemsak, 1976: 84 [ISS]

Under *Typocerus octonotatus* (Haldeman, 1847: 62), one of the synonymic entries:

sinuatus: LeConte, 1850: 335 [Mld; not Newman, 1841]

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Under *Xestoleptura octonotata* (Sayl, 1824: 419), add a synonymic entry:

octopunctata: Emmons, 1854: 127 [ISS]

P. 43-48 [Rhagiini *sensu lato*] To be reorganized according to the TRIBAL CLASSIFICATION ADOPTED BY Bouchard *et al.* (2024: 901) after Zamoroka (2022)

Acmaeopini Della Beffa, 1915: 42

junior synonym: Cariliini Zamoroka, 2022: 308

Genera included:

Acmaeops LeConte, 1850: 235 [page 43]

Brachysomida Casey, 1913: 219 [page 43]

Sg. *Pseudogaurotina* Plavilstshikov, 1958: 720 [page 45]

Gaurotes LeConte, 1850: 324 [page 45]

Gnathacmaeops Linsley & Chemsak, 1972: 135 [page 43, wrongly placed as a junior synonym of *Acmaeops*]]

Leptacmaeops Casey, 1913: 219 [pages 44-45 as *Cortodera*]

Evodinini Zamoroka, 2022: 303

Genera included:

Brachyta Fairmaire, 1868: 185 [misplaced in Lepturini on page 34; also wrongly placed as a junior synonym of *Evodinus* on page 45]

Evodinus LeConte, 1850: 235 [page 45]

Metacmaeops Linsley & Chemsak, 1972: 137 [page 46]

Oxymirini Danilevsky in Althoff & Danilevsky, 1997: 8

Genera included:

Anthophylax LeConte, 1850: 326 [page 43]

Neanthophylax Linsley & Chemsak, 1972: 78 [page 46]

Proanthophylax Zamoroka, 2022: 303 [including only one sp. in *Anthophylax* on page 43 (see below)]

Pidoniini Zamoroka, 2022: 308

Genera included:

Leptalia LeConte, 1873: 204 [misplaced in Encyclopini on page 31]

Pidonia Mulsant, 1863: 570 [pages 46-47]

Rhagiini Kirby, 1837: 178

Genera included:

Pachyta Dejean, 1821: 112 [page 46]

Rhagium Fabricius, 1775: 182 [page 47]

Rhamnusiini Sama in Sama & Sudre, 2009: 383

Genus included:

Enoploderes Faldermann, 1837: 309 [page 45]

Sachalinobiini Danilevsky, 2010: 43

Genus included:

Sachalinobia Jakobson, 1899: 39 [page 48]

Stenocorini Thomson, 1861: 156

Genus included:

Stenocorus Geoffroy, 1762: 221 [page 47-48]

Sg. *Toxotopsis* Casey, 1913: 206 [page 48]

Tribe ? (Rhagiini *sensu lato*)

Genera not included in Zamoroka's (2022) study:

Centrodera LeConte, 1850: 325 [possibly Rhagiini] [page 44]

Comacmaeops Linsley & Chemsak, 1972: 88 [possibly Acmaeopini] [page 44]

Piodes LeConte, 1850: 318 [possibly Rhagiini] [page 47]

Tomentgaurotes Podany, 1962: 242 [page 48] [possibly Acmaeopini]

Pseudoxylosteus Sama, 1993: 12 [page 49] [most likely Xylosteini]

P. 43

Under Rhagiini Kirby, 1837: 178, add the following synonymic entry:

Pachytini Portevin, 1934: 119 (see Bouchard et al. 2011: 463; Bouchard et al. 2024: 901)

Under *Acmaeops* LeConte, 1850: 235, the synonymic entry:

"*Gnathacmaeops* Linsley & Chemsak, 1972: 135" to be removed from synonymy under *Acmaeops* and considered a valid genus as treated by Bousquet et al. (2017: 111), a status confirmed by Zamoroka (2022: 299 fig. 2; 300 fig. 6; 308) AND move in tribe Acmaeopini Della Beffa, 1915: 42, a tribe whose status is confirmed by Zamoroka (2022: 299 fig. 2; 300 fig. 6; 308, as Cariliini Zamoroka, 2022, a junior subjective synonym of Acmaeopini Della Beffa according to Bouchard et al. (2024: 19, 105, 901).

Acmaeopsoides Linsley & Chemsak, 1976: 166 / TO BE RETURNED to tribe Lepturini and placed before genus *Alosternida*.

Note. The genus was mistakenly put among Rhagiini in Bousquet et al. (2017: 115) without any justification; this led to adopt a wrong classification for this genus in Titan.gbif.fr, Monné & Nearn (2023) and the successive editions of the Checklist. *Acmaeopsoides* was rightly kept in Lepturini in BioLib.cz and USFWS.

Anthophylax LeConte, 1850: 326 (to be moved in Oxymirini)

And under it, the following synonymic entry:

Anthophilax: LeConte in Agassiz, 1850: 236 [ISS]

Note. To be moved in tribe Oxymirini Danilevsky in Althoff & Danilevsky, 1997: 8, a well established tribe whose status is confirmed by Zamoroka (2022: 299 fig. 2; 300 fig. 4; 302). Tribe Oxymirini to be placed between tribes Evodinini and Pidoniini.

Proanthophylax Zamoroka, 2022: 303 / to be inserted in tribe Oxymirini after genus *Neanthophylax*.

Proanthophylax attenuatus (Haldeman, 1847: 59) transferred from genus *Anthophylax* by Zamoroka (2022: 303). To be placed in tribe Oxymirini under genus *Proanthophylax*.

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Under *Brachysomida vittigera* Linsley & Chemsak, 1972: 127, the synonymic entry:

corpulenta: Hopping, 1943: 119 [Mld; not Casey, 1913]

Under *Centrodera* LeConte, 1850: 325, one of the synonymic entries:

Centrodera (Apatophysis) Gressitt, 1947: 191 (TO BE DELETED)

Note. Although it was considered a subgenus of *Centrodera* by Gressitt (1951) for species from China, *Apatophysis* Chevrolat, 1860 is not a synonym of *Centrodera* and is a valid genus in Dorcasomini absent from the Western Hemisphere.

Under *Centrodera oculata oculata* Casey, 1913: 202, one of the synonymic entries:

nevadica: Fall, 1901: 148 [Mld; not LeConte, 1873]

~~*Cortodera* Mulsant, 1863: 572~~ to be removed from the list of Nearctic genera

"*Leptacmaeops* Casey, 1913: 219" to be removed from synonymy under *Cortodera* and treated as a valid genus and moved at its correct place according to the alphabetical order between genera *Gnathacmaeops* and *Metacmaeops* in tribe Acmaeopini Della Beffa, 1915: 42

Note. Zamoroka (2022: 299 fig. 2; 300 fig. 6; 308) revalidated *Leptacmaeops* and moved it in tribe Acmaeopini Della Beffa, 1915: 42, a tribe whose status is confirmed by Zamoroka as Cariliini Zamoroka, 2022, a junior subjective synonym of Acmaeopini Della Beffa.

Under *Leptacmaeops* (in place of *Cortodera*), one of the synonymic entries:

Acmaeops LeConte, 1850: 321 (part) (TO BE DELETED since it is a valid genus distinct from *Leptacmaeops* (Nearctic) and *Cortodera* (Palearctic))

Note. *Leptacmaeops* is a compound genus name ending in *-ops* and must be treated as masculine, regardless of its derivation or its treatment by its author (ICZN 1999, article 30.1.4.3). All Nearctic species included in *Cortodera* should be transferred to *Leptacmaeops* according to the study of Zamoroka (2022: 297, 308), and the adjectival or participial species names must have their ending changed to masculine (ICZN 1999, article 31.2).

Leptacmaeops barri (Linsley & Chemsak, 1972)

Leptacmaeops bivittatus (Linsley & Chemsak, 1972)

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Leptacmaeops coniferae (Hopping & Hopping, 1947)

Leptacmaeops cubitalis (LeConte, 1861)
Leptacmaeops falsus (LeConte, 1859)
Leptacmaeops ferreus (Linsley & Chemsak, 1972)
Leptacmaeops fraudis (Linsley & Chemsak, 1972)
Leptacmaeops funereus (Linsley & Chemsak, 1972)
Leptacmaeops impunctatus (Hopping & Hopping, 1947)
Leptacmaeops longicornis (Kirby, 1837)
Leptacmaeops militaris militaris (LeConte, 1850)
Leptacmaeops militaris constans (Linsley & Chemsak, 1972)
Leptacmaeops militaris variipes (Casey, 1891)
Leptacmaeops nitidipennis Casey, 1913
Leptacmaeops placherensis (Hopping & Hopping, 1947)
Leptacmaeops robustus (Hopping & Hopping, 1947)
Leptacmaeops spurius (LeConte, 1873)
Leptacmaeops stolidus Casey, 1924
Leptacmaeops subpilosus (LeConte, 1850)
Leptacmaeops thorpi (Linsley & Chemsak, 1972)
Leptacmaeops tuberculicollis (Linsley & Chemsak, 1972)
Leptacmaeops vanduzeei (Linsley & Chemsak, 1972)

Enoploderes (*Enoploderes*) Faldermann, 1837: 309

Note. To be moved to tribe Rhamnusiini Sama in Sama & Sudre, 2009: 383. A transfer in a well established tribe whose status is supported by the phylogenetic analysis by Zamoroka (2022: 299 fig. 2; 300 fig. 4; 303).

Evodinus LeConte, 1850: 325

Note. To be moved to tribe Evodinini Zamoroka, 2022: 308. A tribe whose status is supported by Zamoroka's (2022: 299 fig. 2; 300 fig. 4; 308) phylogenetic analysis.

Gaurotes LeConte, 1850: 324

Note. To be moved to tribe Acmaeopini Della Beffa, 1915: 42. A transfer based on a phylogenetic analysis by Zamoroka (2022: 299 fig. 2; 300 fig. 6; 308, as Cariliini Zamoroka, 2022, a junior subjective synonym of Acmaeopini Della Beffa, 1915).

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Metacmaeops Linsley & Chemsak, 1972: 137

Note. To be moved to tribe Evodinini Zamoroka, 2022: 303. A transfer based on a phylogenetic analysis by Zamoroka (2022: 299 fig. 2; 300 fig. 4; 303).

Under *Neanthophylax* Linsley & Chemsak, 1972: 78

Note. To be moved to tribe Oxymirini Danilevsky in Althoff & Danilevsky, 1997: 8. A transfer in a well established tribe which status is supported by a phylogenetic analysis by Zamoroka (2022: 299 fig. 2; 300 fig. 4; 302)

And under it, the synonymic entry:

Anthophilax: Horn in Leng, 1890: 98 (part) [Mld in part; not LeConte, 1850]

Under *Pachyta* Dejean, 1821: 112, two of the synonymic entries:

Acmaeops: C.G. Thomson, 1866: 55 [Mld; not LeConte, 1850]

Note. The reference to Thomson (1866) is not listed in the References section of the Checklist. I found the source of this entry in Linsley & Chemsak (1972: 66); it refers to C.G. Thomson (1866. *Skandinaviens Coleoptera, Synoptiskt Bearbetade* Tom. 8, Lund, 1-409 + i-lxxv) [to be added in the References section of

the Checklist]. C.G. Thomson (1866: 55-56) listed the species *Lamed* L. and *4-maculatus* L., currently included in *Pachyta*, under the genus "*Toxotus* Serv." and at the end of the section "C)" of his key to the species of *Toxotus* he stated "(*Acmaeops* LeConte)", thus signifying that he considered *Acmaeops* LeConte to be a junior synonym of *Toxotus*. The author included under *Pachyta* species that are currently members of genera *Evodinellus* Plavilstshikov, *Brachyta* Fairmaire, *Carilia* Mulsant, *Gnathacmaeops* Linsley & Chemsak, *Euracmaeops* Danilevsky, *Dinoptera* Mulsant, and *Cortodera* Mulsant.

Anthophylax: Blessig, 1873: 232 [Mld; not LeConte, 1850]

Neopachyta Bedel, 1906: 93 [URN for *Pachyta*: Audinet-Serville, 1835]

Note 1. *Neopachyta*, an unnecessary replacement name proposed by Bedel for what he wrongly believed to be a misapplication of the name *Pachyta* by Audinet-Serville (1835: 213). This may be because Bedel ignored that *Leptura quadrimaculata* Linnaeus was selected as the type species of *Pachyta* by Westwood (1840) and was misled by the fact that Audinet-Serville, in addition to *quadrimaculata*, also included in this genus "*servillei* Maille" (= *Gaurotes cyanipennis* Say), *virginia* Linnaeus (currently in *Carilia*), and *collaris* Linnaeus (currently in *Dinoptera*).

Note 2. Bedel (1906) is cited only once in the Checklist (page 46 under *Pachyta*), but the corresponding reference is missing in the References section (add the reference on page 362) (see **References related to the corrections** section).

Pidonia Mulsant, 1863: 570, and its subgenera

Note. To be moved to tribe Pidoniini Zamoroka, 2022: 308. A tribe whose status is supported by a phylogenetic analysis by Zamoroka (2022: 299 fig. 2; 300 fig. 5; 308).

And under it, two of the synonymic entries:

Grammoptera: Thomson, 1864: 141 [Mld; not Audinet-Serville, 1835]

Pidnota: Bayer & Shenefelt, 1969: 5 [ISS]

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Platerosida Linsley, 1970: 135 (to be moved from Rhagiini to Lepturini between *Ortholeptura* and *Pseudophistomis* on page 38).

Under *Pseudogaurotina* Plavilstshikov, 1958: 720, the synonymic entry:

Gaurotes: Lacordaire (part) [Mld in part; not LeConte, 1850] (add a colon)

Note. As a subgenus of *Brachysomida* Casey, a new status proposed by Zamoroka (2022: 308) according to his phylogenetic analyses. However, this result, illustrated in its neighbor-joining tree (loc. cit., p. 299, fig. 2), also allows this taxon to be interpreted as a distinct genus very close to *Brachysomida* (of the tribe *Acmaeopini* Della Beffa, 1915).

Under *Rhagium* Fabricius, 1775: 182, two synonymic entries; and add one; and delete one:

Stenocorus Geoffroy, 1762: 221 to be removed from the list of synonyms of *Rhagium* since it is a valid genus.

Note. In Opinion 1754 (ICZN 1994, Ruling K (1) (c)), under the plenary powers, all previous fixations of type species for *Stenocorus* are set aside and *Leptura meridiana* Linnaeus, 1758 is thereby designated as the type species. Consequently, *Stenocorus* must be deleted from the synonymic list of genus *Rhagium*.

Latmius Rafinesque, 1815: 117 [UE]

Stencorus: Lamarck, 1817: 312 [Mld; ISS for *Stenocorus*, not Geoffroy, 1762]

Harpium: Reitter, 1913: 6 [ISS of *Hargium* Samouelle, 1819]

TO BE ADDED as a valid tribe after genus *Rhagium* Fabricius, 1775]:

Tribe Stenocorini Thomson, 1861: 156

And under it, add the following synonymic entry:

Toxotini LeConte & Horn, 1883: 313

Note. A tribe whose revalidation is supported by the phylogenetic analysis by Zamoroka (2022: 299 fig. 2; 300 fig. 5; 303).

Stenocorus Geoffroy, 1762 (to be moved to tribe Stenocorini Thomson, 1861: 156).

Stenocorus (Eutoxotus) Casey, 1913: 206 (to be removed from the synonyms of *Stenocorus* and added before *Stenocorus (Stenocorus)* Geoffroy, 1762 as a valid subgenus in North America).

Note. *Eutoxotus* Casey, 1913 treated as a valid subgenus of *Stenocorus* on Titan.gbif.fr website and in Monné & Nearn's (2023) catalogue after Zamoroka (2022).

And under it, place the following species:

schaumii LeConte, 1850: 320 (to be removed from the list of species of *Stenocorus (Stenocorus)*).

Under *Stenocorus (Stenocorus)* Geoffroy, 1762: 221, the synonymic entry; and add one:

Endemus Gistel, 1848: xi [URN]

Note. Gistel (1848b: xi) proposed the replacement name *Endemus* because he wrongly considered that *Toxotus* Dejean, 1821 (as *Toxotus* Meg.; a junior synonym of *Stenocorus* Geoffroy) was a junior homonym of *Toxotes* Cuvier, 1816 [Actinopterygii (Pisces)].

Stenochorus: Reitter, 1913: 6 [ISS]

Toxotus Dejean, 1821: 112 (to be kept under *Stenocorus (Stenocorus)* as a junior synonym)

Anisorus Mulsant, 1862: 467 (to be removed from the synonyms of *Stenocorus* and treated as a valid genus absent from the Western Hemisphere. So delete it)

Minaderus Mulsant, 1862: 467 (to be kept under *Stenocorus* as a junior synonym)

Toxotochorus Reitter, 1907: 208 (to be removed from the synonyms of *Stenocorus* and treated as a valid genus absent from the Western Hemisphere. So delete it)

Toxotopsis Casey, 1913: 206 (to be removed from the synonyms of *Stenocorus* and treated as a North American valid genus (see on **P. 48**)).

Note 1. *Anisorus* Mulsant, 1862, already treated as a valid Palaearctic subgenus of *Stenocorus*, and *Toxotopsis* Casey, 1913, already treated as a valid North American subgenus of *Stenocorus*, elevated to genus rank by Zamoroka (2022: 299; 300 fig. 5; 303) according to his phylogenetic analyses.

Note 2. *Toxotochorus* Reitter, 1907 is treated as a valid Palaearctic subgenus of *Stenocorus* (see Titan.gbif.fr website). Absent from the Western Hemisphere.

Under *Stenocorus (Stenocorus) flavolineatus* (LeConte, 1854: 18), the synonymic entry:

flavolimbatus: LeConte, 1857: 23 [ISS]

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Toxotopsis Casey, 1913: 206 (instead of *Stenocorus (Toxotopsis)* Casey, 1913: 206)

Note 1. *Toxotopsis* elevated from subgenus of *Stenocorus* to genus rank by Zamoroka (2022: 299; 300 fig. 5; 303) according to his phylogenetic analyses.

Note 2. Genus name with final component *-opsis* derived from the feminine Greek noun ὥψις [*opsis* = view, sight, aspect] transliterated in Latin without change and therefore feminine.

And under it:

cinnamoptera (Randall 1838: 45) [instead of *cinnamopterus*]

Note. As an adjectival species name, *cinnamopterus*, *-a*, *-um* must have its ending agreed with the feminine gender of the genus with which it is at any time combined (ICZN 1999, article 31.2).

Tomentgaurotes batesi (Aurivillius, 1912: 194) [RN]

And under it, one of the synonymic entry:

donacioides Bates, 1880: 37 [JpH; not Kraatz, 1879: 85]

Note. Aurivillius (1912: 194) proposed the name *batesi* as a replacement name for *Gaurotes donacioides* Bates, 1880 because he considered it to be preoccupied by *Gaurotes ussuriensis* ab. *donacioides* Kraatz, 1879, which is actually infrasubspecific and therefore unavailable according to ICZN 1999, article 45.6. So, Aurivillius' replacement name was unnecessary and Bates' name could have been retained as valid.

Under *Leptorhabdium* Kraatz, 1879: 118, two of the synonymic entries:

Leptorrhadium: Ganglbauer, 1882: 686 [ISS] (add a colon)

Leptorhabdium: Ganglbauer, 1882: 716 [ISS] (add a colon)

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Under Spondylidinae Audinet-Serville, 1832: 123

Original spelling: Spondylii Audinet-Serville, 1832: 123

Under Asemmini Thomson, 1861, one of the synonymic entries:

Tetropiina Seidlitz, 1891: 179 (instead of Tetropiina Reitter, 1912: 42 (part); see Bousquet et al. (2009: 21) and Bouchard et al. (2011: 464)).

Note. Although considered a valid monotypic tribe of Spondylidinae (including only genus *Tetropium*) in the Catalogue of Palaearctic Coleoptera Second Edition vol 6/1 (2020: 188) and the titan.gbif.fr database (Tavakilian & Chevillote 2024), a recent study of the phylogenetic relationships within Spondylidinae (Soydabas-Ayoub et al. 2022) places [*Tetropium*+*Asemum*] in a well-defined clade and [(*Spondylis*+*Neospondylis*) + *Megasemum*] in a different clade. Based on this recently published study on the phylogeny of Spondylidinae, genus *Tetropium* should be retained in tribe Asemmini, and Tetropiini Seidlitz, 1891 considered a junior synonym of Asemmini.

Under *Arhopalus* Audinet-Serville, 1834: 77, one of the synonymic entries:

Criocephalus: Mulsant, 1839: 63 [ISS of *Criocephalum* Dejean, 1835] (add a colon)

Under *Arhopalus foveicollis* (Haldeman, 1847), among the synonymic entries; and add one:

agreste: Kirby in Richardson, 1837: 170 [Mld; not Fabricius, 1787, in *Callidium*] (add a colon)

impressus Gemminger in Gemminger & Harold, 1872: 2789 [NN]

Note. This name was cited by Gemminger (1872: 2789) as having been listed by Dejean in Livraison 4 of his Third Catalogue (1836: 354) as a synonym of *Criocephalum foveicolle* Dejean, which is a *nomen nudum*, the species to which it refers having been described by Haldeman in 1847. Actually mentioned as "*impressum* Luczot" by Dejean, the species had been mentioned for the first time under the same name in Livraison 4 of Dejean's Second Catalogue (1835: 328).

Under *Arhopalus obsoletus* (Randall, 1838: 27), among the synonymic entries:

rusticus: Haldeman, 1847: 350 [Mld; not Linnaeus, 1758]

Add a missing species after *productus* (LeConte, 1850):

Arhopalus rusticus (Linnaeus, 1758: 395) distribution: Europe, Asia, introduced in ne N America.

Note. For an unknown reason, the records for Canada and USA of this Palaearctic species recently introduced in North American (see Bousquet et al. 2017: 81-82) were not included in the Checklist. A few hundred specimens collected in five northeastern States and in southern Ontario, all since 2001, most since 2005, were examined (pers. obs.). The male genitalia of *A. rusticus* is distinct from those of all the other species of North America (pers. obs.). The species became much more common than the sympatric native *A. obsoletus* with which it was confused at first. This record is a geographical evidence that the North American taxa long considered subspecies of *A. rusticus* are not conspecific with this Palaearctic species.

Under *Asemum striatum* (Linnaeus, 1758: 396), add a junior synonym:

agreste Fabricius, 1787: 152

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Under *Megasemum* Kraatz, 1879: 97, one of the synonymic entries:

Notorhina: Leng, 1884: 63 [ISS of *Nothorhina* LeConte, 1873]

Under *Tetropium* Kirby in Richardson, 1837: 174, the synonymic entry:

Criomorphus Mulsant, 1839: 58 [JH; not Curtis, 1831, Hemiptera]

Under *Tetropium guatemalanum* Bates, 1892: 147, the synonymic entry:

guatemalenum: Aurivillius, 1912: 19 [ISS]

Under *Michthysoma* LeConte, 1850: 30, one of the synonymic entries:

Michthysoma: LeConte, 1873: 332 [ISS]

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Under *Michthysoma* LeConte, 1850: 30 [P. 50], one of the synonymic entries:

Mychthisoma Gemminger in Gemminger & Harold, 1873: 2998 [UE]

Under *Neospondylis* Sama, 2005: 2, the synonymic entry:

Spondylis: amer. auct. [Mld; not Fabricius, 1775]

Note. Instead of "*Spondylis* Fabricius, 1775: 159, auct.". Synonymic entry rephrased in order to keep the standard adopted throughout the Checklist.

Under *Achryson* Audinet-Serville, 1834: 572, add a synonymic entry:

Phrygion Gistel, 1848: 428 [UE] (instead of "Gistel, 1848: 131")

Note. Gistel (1848: 428) proposed the name *Phrygion* as an emendation of *Achryson* Audinet-Serville, 1834 in these terms: "*Achryson* (*Phrygion* ; mihi. Heißt ein Seidenstickk.)" [*Achryson* (*Phrygion* ; mihi. Means a silk embroidery.)]. Gistel (1848a: 428) was recorded on 31.V.1848 and Gistel (1848b: 131), on [31].VI.1848. Rather considered a replacement name ("unjustified new name") by Monné (2024: 6) in Neotropical Catalogue I.

Under *Achryson maculipenne* (Lacordaire, 1868: 338), one of the synonymic entries:

maculipennis Zajciw, 1958: 12 (not Lacordaire, 1868) (instead of "... (not Lacordaire, 1869)" TO BE DELETED).

Note. This synonymic entry means that a species identified as *Trichomallus maculipennis* by Zajciw (1958: 12) is not *Trichomallus maculipenne* Lacordaire, 1869 [currently in *Achryson*] but rather *maculipennis* Lacordaire, 1868, which makes no sense because "Lacordaire, 1869" is a mistake for Lacordaire, 1868 [checked in the original publications: *Histoire naturelle des insectes. Genera des Coléoptères...* Tome 8 (1868) and Tome 9, première partie (1869). "*Trichomallus maculipennis*" appears only on page 338 of Tome 8 and there is no "*maculipennis*" or "*maculipenne*" mentioned in Tome 9] (see in **Section 3, sub-section C**). Zajciw (1958: 12) simply cited Lacordaire (1868), like four other authors before him, so this synonymic entry is not relevant here. It should be deleted. If Zajciw (1958) really used "*maculipennis*" in a different sense than *maculipennis* Lacordaire, 1868, then it should be put in the synonymic list of another species (with a colon after the species name), not of *maculipennis* Lacordaire, 1868, but I didn't find such a case in Neotropical Catalogue I (Monné 2024).

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Under *Achryson surinamum* (Linnaeus, 1767: 632), among the synonymic entries:

surinamensis: Olivier, 1795: [67] 42 [ISS] (add a colon)

surinam: Leng, 1885: 117 [ISS] (add a colon)

Huequenía Cerda, 1986: 33 [RN]

And under *Huequenía* Cerda, 1986: 33, the synonymic entry:

Angolia Cerda, 1980: 64 [JH; not Malloch, 1934, Diptera]

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Under *Agallissus* Dalman, 1823: 66, one of the synonymic entries:

Agallissus: Thomson, 1864: 205 [ISS] (add a colon)

Under *Anaglyptini* Lacordaire, 1868: 84

Anaglyptides Lacordaire, 1868: 404 (key) [NP / JH; not *Anaglyptisidae* Gistel, 1848, *Buprestidae*, NO]

Under *Aphysotes* Bates, 1885: 307, the synonymic entry:

Amphysotes: Linsley, 1935: 87 [ISS] (add a colon)

Under *Cyrtophorus* LeConte, 1850: 29, add three synonymic entries:

Cystophorus: Packard, 1890: 521 [ISS]

Cirtophorus: Chagnon, 1905: 35 [ISS]

Cryptophorus: Perry, 1975: 59 [ISS]

Under *Cyrtophorus verrucosus* (Olivier, 1800: 67), add a synonymic entry:

verucosus: Perry, 1975: 59 [ISS] (with a colon)

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Under *Microclytus compressicollis* (Laporte & Castelnau, 1835: 106), two of the synonymic entries:

gazellula: Horn, 1884: 148 [Mld; not Haldeman, 1847] (add a colon)

compressicornis: Leng, 1918: 207 [ISS] (add a colon)

Under *Tilloclytus* Bates, 1885: 303, the synonymic entry:

Tillomorpha: Chevrolat, 1860: 503 [Mld; not Blanchard in Gay, 1851] (add a colon)

Under *Basiptera* Thomson, 1864: 204, one of the synonymic entries; and add one:

Baseoptera Gemminger in Gemminger & Harold, 1872: 2976 [UE]

Basipterus: Bruch, 1918: 355 [ISS] (with a colon)

Under *Lautarus concinnus* (Philippi & Philippi, 1859: 670), one of the synonymic entries:

dankoi: Bruch, 1912: 194 [ISS of *dancoi* Lameere, 1900] (add a colon)

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Zehra Özdikmen, 2008: 661 [RN]

And under it, the two synonymic entries:

Sybylla Thomson, 1858: 406 [JH; Stål, 1856, *Mantodea*]

Sybilla: Thomson, 1864: 406 [ISS of *Sibylla* Thomson, 1858] (add a colon)

Under *Chlorida* Audinet-Serville, 1834: 321, add synonymic entry:

Musimon Gistel, 1848: xi [UE]

Note. Gistel (1848b: xi) proposed the name *Musimon* as an emendation of *Chlorida* Audinet-Serville, 1834 in these terms: "*Chlorida* (Serv.) in *Musimon* (N.)". Rather considered a replacement name ("unjustified new name") by Monné (2024: 28) in *Neotropical Catalogue I*.

Under *Knulliana* Linsley, 1962: 109, one of the synonymic entries:

Cerasphorus: Dejean, 1835: 326 [Mld; not Audinet-Serville, 1834] (add a colon)

Chion: Newman, 1840: 23 [Mld; not Scopoli, 1777] (add a colon)

Under *Knulliana cincta cincta* (Drury, 1773: 85), add a synonymic entry:

garnanicus: Chevrolat, 1852: 650 [ISS of *garganicus* Fabricius, 1775] (with a colon)

Under *Knulliana cincta* subsp. *spinifera* (Fabricius, 1792: 275), add a synonymic entry:

cinnamonea: Leng & Mutchler, 1914: 445 [ISS of *cinnamomea* Fleutiaux & Sallé, 1889] (with a colon)

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Under *Callichromatini* Swainson, 1840: 293, and a junior synonym:

Terambidae Gistel, 1848: [8]

Under *Callichroma* Latreille, 1816: 24, one of the synonymic entries; and add one:

Pallene Gistel, 1848: 428 [UE]

Challichroma: Zikán & Wygodzinsky, 1948: 31 [ISS]

Note. Gistel proposed the name *Pallene* as an emendation of *Callichroma* Latreille, 1816 in these terms:

"Schmuckbockkäfer (*Pallene*; mihi. — *Callichroma*)" [Jewel longhorn beetle (*Pallene*; mihi. —

Callichroma)]. *Pallene* Gistel, 1848a: 428 was published in May 1848, and *Pallene* Gistel, 1848b: xi, 130 in June 1848. Rather considered a replacement name ("unjustified new name") by Monné (2024: 37) in

Neotropical Catalogue I.

Under *Callichroma auricomum* (Linnaeus, 1767: 629), two of the synonymic entries; and add two:

suturatus: Gmelin, 1790: 1824 [ISS of *suturalis* Fabricius, 1781] (add a colon)

auronicum: Williams, 1931: 226 [ISS] (add a colon)

auriconium: Caldeira & Vieira, 1938: 11 [ISS] (with a colon)

aurocomum: Buck, 1959: 590 [ISS] (with a colon)

Under *Callichroma batesi* Gahan, 1894: 118, the synonymic entry:

cosmicum: Bates, 1872: 186 [Mld; not White, 1853]

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Under *Mionochroma rufescens* (Gahan, 1895: 113), the synonymic entry:

aureotinctum Bates, 1870: 335 [INSTEAD of "var. *aureotinctum*: Bates, 1885: 293"]

Note. *Callichroma aureotincta* (original combination) was first described by Bates (1870: 335). In *Biologia Centrali Americana, Insecta*, vol. 5, Longicornia, Bates (1885: 46) treated this species and on pages 292-293 of the Supplement section (pp. 225-436) he simply mentioned that he examined a single specimen of this species from Vera Cruz in Sallé collection showing aberrant colouration and listed the differences in color pattern observed between this aberration and the type form, specifying that it did not differ in any morphological characters except the very slightly broader compressed hind tibiae, and did not propose any new name there for this form. So, "var. *aureotinctum*: Bates, 1885: 293" does not exist and is therefore irrelevant and should be deleted.

Under *Miniochroma subnitescens* (Gounelle, 1911: 171), the synonymic entry:

subnitens: Podany, 1965: 40 [ISS]

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Monnechroma Napp & Martins, 2005: 434 [RN]

And under it, the synonymic entry:

Xenochroma Schmidt, 1924: 300 [JH; not Warren, 1902, Lepidoptera]

Philematium festum (Gmelin, 1790: 1823) [RN]

And under it, the synonymic entry:

festivus Fabricius, 1775: 166 [JpH; not Linnaeus, 1758, Bothriospilini]

Note. The synonymic entry should be "*festivus*" instead of *festivum* because the original combinations of the two homonyms are *Cerambyx festivus*.

Under *Plinthocoelium* Schmidt, 1924: 300, the synonymic entry:

Plinthocoalium: Arnett, 1962: 860 [ISS]

Callichroma: LeConte, 1850: 37 [Mld; not Latreille, 1816] (add a colon)

Under *Plinthocoelium columbinum* (Guérin-Méneville, 1838: 282), the synonymic entry:

virens: Drury, 1773: 89 [Mld; not Linnaeus, 1758] (add a colon)

Note 1. The publication date of all the names proposed as new in Drury's *Illustrations of natural history Volume I* is 1773. See note under *Plinthocoelium columbinum* (Guérin-Méneville, 1838) in **Section 3, sub-section G** for the explanation.

Note 2. "*Cerambyx virens* Drury, 1773: 89" does not exist as an available name. At the end of the text on this species, the author stated "See Lin. Syst. P. 627 N° 33 (Virens)" and in his Index of names of the Insects, he listed this species as "XL. I. Virens, Linn. P. 627. N. 33. Ceram.", referring to *Cerambyx virens* Linnaeus, 1767: 627, which is currently known as the African and Oriental species *Philematium virens* (Linnaeus, 1858: 391). Drury obviously misidentified the Jamaican specimen he had before him as the Linnaeus' species and never intended to described that species as new. When Drury was proposing a new species, he was adding the statement "I have not seen it any where described" or "I cannot find it described in any author", or a similar sentence at the end of the species treatment. There is no such statement after the description on page 89.

Under *Plinthocoelium schwarzi* (Fisher, 1914: 97), add a synonymic entry:

schwartzii: Vogt, 1949: 143 [ISS]

Under *Plinthocoelium suaveolens suaveolens* (Linnaeus, 1768: 224), two of the synonymic entries:

elegans: Haldeman, 1847: 31 [Mld; not Olivier, 1790] (add a colon)

plicatum: Craighead, 1923: 64 [Mld; not LeConte, 1853] (add a colon)

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Callidiellum rufipennis (Motschulsky, 1861: 19), add three synonymic entries:

nigromaculatum Kano, 1933: 274

japonicum Plavilstshikov, 1933: 126 [JsH; not Lacordaire, 1869]

plavilstshikovi Matsushita, 1933: 439 [RN for *japonicum* (in *Semanotus*)]

Callidium Fabricius, 1775: 187 (instead of "Marseul, 1839: 42 (not Fabricius, 1775)")

Note. The current concept of the genus is based on C.G. Thomson's (1859: 150) type species designation of *Cerambyx violaceus* Linnaeus, 1758 for *Callidium* Fabricius, 1775; he was the first author to designate a species currently included in *Callidium*. The previous three type species designations must be rejected because each of them would change the concept of a well-known genus (i.e, *Hylotrupes*; *Phymatodes*; *Clytus*), which would threaten the nomenclatural stability in the subfamily Cerambycinae. *Callidium* Marseul, 1839 is not a new genus but rather a restricted definition of *Callidium* Fabricius, 1775, and there is no type species designated for *Callidium* Marseul, 1839 anyway. As proposed by Bousquet *et al.* (2009: 43) and Bouchard *et al.* (2024: 97), an application should be submitted to the ICZN requesting to suppress the first three designations and validate C.G. Thomson's (1859: 150) designation of *Cerambyx violaceus* Linnaeus, 1758 as type species of *Callidium* Fabricius, 1775 in order to stabilize the concept of *Callidium* as currently conceived.

Under *Callidium antennatum antennatum* Newman, 1838, add a synonymic entry:

atennatum: LeConte, 1850: 34 [ISS] (with a colon)

Under *Callidium pseudotsugae* Fisher, 1920: 155, add a synonymic entry:

pseudotsuga: Essig, 1850: 34 [ISS] (with a colon)

Under *Callidium sequoiarium* Fisher, 1920: 156, add three synonymic entries:

sequoiae: Cushman, 1922: 6 [ISS] (with a colon)

sequarium: Keen, 1952: 47 [ISS] (with a colon)

sequoiarum: Furniss & Carolin, 1977: 299 [ISS] (with a colon)

Under *Callidium texanum* Schaeffer, 1917: 185, the synonymic entry:

janthinum: Leng, 1884: 113 [Mld; not LeConte, 1850] (add a colon)

Under *Callidium vandykei* Linsley, 1957: 287, the synonymic entry:

pallidum: Van Dyke, 1928: 111 [Mld; not Say, 1823] (add a colon)

Calydon Thomson, 1864: 263, the synonymic entry:

Callidium: Blanchard in Gay, 1851: 497 [Mld; not Fabricius, 1775] [instead of "*Callidium* Blanchard in Gay, 1851: 497 (not Mulsant, 1839)" / add a colon]

Note. See explanation for "Fabricius, 1775" instead of "Mulsant, 1839" under **P.59**. *Callidium* Fabricius, 1775: 187 above.

Under *Elatotrypes hoferi* Fisher, 1919: 39, the synonymic entry:

cicatricosum: Leng, 1884: 112 [Mld; not Mannerheim, 1853] (add a colon)

Meriellum Linsley, 1957: 287 [RN]

AND under it, the synonymic entry:

Merium: LeConte, 1873: 296 [Mld; not Kirby, 1837] (add a colon)

Under *Phymatodes (Phymatodes)* Mulsant, 1839: 47, add a synonymic entry:

Reitteroderus Sama, 1991: 124 [URN]

Note. Sama (1991) proposed *Reitteroderus* as a replacement name for *Phymatoderus* Reitter, 1913, because he considered it to be a junior homonym of *Phymatoderus* Dejean, 1835. However, Dejean's name was unavailable since it was proposed without description or inclusion of at least one valid species name (ICZN 1999, article 12.2.5). Thus, *Phymatoderus* Reiter, 1913 was not a junior homonym and therefore *Reitteroderus* Sama, 1991 is an unnecessary replacement name.

P. 60

Under *Phymatodes (Phymatodes)* *grandis* Casey, 1912: 277, two of the synonymic entries:

lecontei Linsley, 1938: 109 [RN for *obscurum* LeConte, 1859]

obscurum LeConte, 1859: 79 [JpH; not Fabricius, 1787]

Under *Phymatodes (Phymatodes)* *varius* (Fabricius, 1776: 232), one of the synonymic entries:

varians: Bland, 1862: 275, 276 [ISS] (add a colon)

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Phymatodes (Phymatodes) *vilitalis* Linsley, 1940: 253 [RN]

And under it, the synonymic entry:

vile LeConte, 1873: 172 [JpH; not Newman, 1841, as *Callidium*] (instead of "(not Newman, 1842)")

Under *Physocnemum andreae* (Haldeman, 1847: 36), add a synonymic entry:

andrea: Rohwer, 1921: 440 [ISS] (with a colon)

Under *Pronocera* Motschulsky, 1859: 494, two of the synonymic entries:

Pronocerus: Motschulsky, 1875: 148 [ISS] (add a colon)

Potocallidium: Reitter, 1913: 38 [ISS of *Protocallidium* Csiki, 1904] (add a colon)

Under *Ropalopus* Mulsant, 1839: 40, one of the synonymic entries:

Rhopalopus: Redtenbacher, 1845: 110 [ISS] (add a colon)

Under *Semanotus* Mulsant, 1839: 54, two of the synonymic entries:

Hylotrupes: LeConte, 1873: 296 [Mld; not Audinet-Serville, 1834] [instead of "*Hylotrupes* LeConte, 1873: 296 (part)" / add a colon]

Anacomis: Leng, 1920: 275 [ISS of *Anocomis* Casey, 1912: 271] (add a colon)

P. 62

Under *Semanotus ligneus* Fabricius, 1787: 163, add the synonymic entry:
ligneous: Craighead, 1923: 44 [ISS] (with a colon)

Under *Xylocrius* LeConte, 1873: 172, the synonymic entry:
Hylocrius: Lameere, 1883: 38 [ISS]

Xylocrius agassizi (LeConte, 1861: 357)

And under it, add three synonymic entries:

agassii: LeConte, 1861: 357 [IOS] (with a colon)

agassizi: Gemminger in Gemminger & Harold, 1872: 2917 [ISSPU] (with a colon)

agassizii: LeConte, 1873: 173 [ISS] (with a colon)

Note. LeConte's (1861: 357) original spelling "*agassii*" was incorrect since it was based on the name Agassiz. When listing the species under *Callidium*, Gemminger (1872: 2917) proposed the correction to "*agassizi*" but since he did not simultaneously mention LeConte's incorrect original spelling, he proposed an incorrect subsequent spelling rather than an emendation (ICZN 1999, article 33.2.1). However, his spelling was adopted by the subsequent authors and became in prevailing usage and therefore is deemed to be the correct original spelling (article 33.3.1).

Under *Ceresium* Newman, 1842, one of the synonymic entries:

Rhaphidodera Gemminger in Gemminger & Harold, 1872: 2831 [UE of *Rhaphidera* Perroud, 1855]

P. 63

Under *Juiaparus battus battus* (Linnaeus, 1758: 390), one of the synonymic entries:
datus: Linnaeus, 1764: 69 [ISS] (add a colon)

Plocaederus Dejean, 1835: 321 [RN] (instead of "Dejean, 1835: 319 (not Dejean, 1821: 105)"; delete "(not Dejean, 1821)")

Note. *Plocaederus* was not found on page 105 in Dejean (1821) or anywhere else in the 1821 Catalogue. It is found on page 321 (page checked in the original work) in the second Catalogue (Dejean 1835). So DELETE "(not Dejean, 1821: 105)" since this information is irrelevant. This entry was most likely misplaced and should rather be placed at the end of the first synonymic entry "*Hamaticherus*: Audinet-Serville, 1834: 15". So:

And under it, three of the synonymic entries; and add one:

Hamaticherus: Audinet-Serville, 1834: 15 [Mld; not Dejean, 1821] (add a colon)

Hammaticherus: White, 1853: 125 [ISS of *Hamaticherus* Audinet-Serville, 1834] (add a colon)

Hammatocerus Gistel, 1848: 427 [UE of *Hamaticherus*: Audinet-Serville, 1834]

Hammatochaerus Gemminger in Gemminger & Harold, 1872: 2800 [UE of *Hamaticherus*: Audinet-Serville, 1834]

Note. For explanation, see Santos-Silva et al. (2021) about the nomenclatural history of the genus names *Hamaticherus* Dejean, 1821 and *Plocaederus* Dejean, 1835.

P. 64

Coleoxestia Aurivillius, 1912: 64 [RN]

And under it, the synonymic entry:

Xestia Audinet-Serville, 1834: 16 [JH; not Hübner, 1818, Lepidoptera]

Under *Criodion* Audinet-Serville, 1834: 571, the two synonymic entries:

Criodon: Desmarest in Chenu, 1870: 313 [ISS] (add a colon)

Crioction: Gounelle, 1909: 609 [ISS] (add a colon)

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Under *Coleoxestia globulicollis* (Gahan, 1892: 31), the synonymic entry:
semipubescens: Zikán & Zikán, 1944 [Mld; not Melzer, 1923] (add a colon)

Criodion spinosum Galileo, Martins & Santos-Silva, 2015: 373

Note. The species is listed under *Criodion*, but also repeated elsewhere in the Checklist under genus *Unaiuba* (on page 76). I have not found in which publication this transfer was proposed, nor which of these combinations is the valid one. **LGB – no mention of U. spinosum in Monne Nears et al, nor on the LGB website.**

P. 66

Under *Poeciloxestia melzeri* Lane, 1965: 270, the synonymic entry:
sagittaria: Melzer, 1923: 5 [Mld; not Bates, 1872] (add a colon)

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Under *Sphallotrichus spadiceus* (Gahan, 1892: 29), the synonymic entry:
setosum: Bondar, 1928: 33 [Mld; not Germar, 1823] (add a colon)

P. 67-77 [Clytini sensu lato]

The result of a comprehensive phylogenetic analysis by Zamoroka (2022) based on five genes, three mitochondrial and two nuclear, does not support the monophyly of Clytini. In his study, the author proposes new family group names resulting in the following classification for the Western Hemisphere taxa:

Chlorophorini Zamoroka, 2022: 205

Chlorophorina Zamoroka, 2022: 205

Chlorophorus Chevrolat, 1863: 290

Clytroleptus Casey, 1912: 350

Sarosesthes Thomson, 1864: 185

Plagionotina Zamoroka, 2021: 206

Megacyllene Casey, 1912: 348

Plagionotus Mulsant, 1842: 71

Clytini Mulsant, 1839: 27

Clytina Mulsant, 1839: 27

Clytus Laicharting, 1784: 88

Xylotrechus Chevrolat, 1860: 465

Neoclytina Zamoroka, 2021: 202

Cotyclytus Martins & Galileo, 2011

Neoclytus Thomson, 1860: 67

Zajciwiclytus Zamoroka, 2022: 203

Although the new tribal and subtribal names proposed in the study are available under the ICZN, the author included too few representatives of Western Hemisphere taxa, particularly from the Neotropics, for his classification to be applied in the Checklist at this time. This is the same for the new genus name *Zajciwiclytus* (type species: *Callidium mucronatum* Fabricius, 1775) since other species of *Neoclytus* not included in Zamoroka's study could eventually be transferred in this new genus. Incidentally, Bouchard et al. (2024) were not aware of Zamoroka's (2022) work.

P. 68

Under *Clytoleptus* Casey, 1912: 350, the synonymic entry:

Clytanthus: LeConte, 1873: 319 [Mld; not Thomson, 1864] (add a colon)

Under *Clytus* Laicharting, 1784

Add a forgotten junior synonym:

Clytanus Rafinesque, 1815: 117 (UE)

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Under *Glycobius* LeConte, 1873: 319, the synonymic entries:

Arhopalus: Lacordaire, 1869: 64 [Mld; not Audinet-Serville, 1834] (add a colon)

Plagionotus: LeConte & Horn, 1883: 304 [Mld; not Mulsant, 1842] (add a colon)

Glycobius speciosus (Say, 1824: 290) [instead of "... (Say, 1828: 53) (not Adams, 1817) / delete "(not Adams, 1817)"]

Note. *Clytus speciosus* was the name under which *Glycobius speciosus* Say, 1824 was originally established, and *Callidium speciosum* Adams, 1815 is the original combination for a taxon that is a synonym of a subspecies currently known as *Neoplacionotus bobelayei huseyini* (Lazarev, 2016), and therefore the two names are not primary homonyms. *Callidium speciosus* Adams, 1815 is preoccupied (primary homonym) by *Callidium speciosum* D.H. Schneider, 1787 (currently *Isotomus speciosus*) and is therefore permanently invalid (ICZN 1999, article 57.2). The combination *Plagionotus speciosus* has been used for both species, but never simultaneously and so the two taxa have never been secondary homonyms either and therefore the statement "(not Adams, 1817)" is irrelevant. However, the combination *Clytus speciosus* has discontinuously been used for *Glycobius speciosus* (Say) from its original description in 1824 until Bell (1881) and for *Isotomus speciosus* (Schneider, 1787) from White (1855: 264) until Heyrovský (1914: 123) proposed the combination with genus *Clytanthus*, and were therefore intermittent secondary homonyms from 1855 to 1914. So the mention "(not Schneider, 1787)" is more relevant than "(not Adams, 1817)".

And under it, one of the synonymic entries:

haiji: Gray in Griffith, 1832: 118 [ISS of *hayii* Gray in Griffith, 1831] (add a colon)

P. 70

Under *Megacyllene* Casey, 1912: 348, the synonymic entry:

Cyllene Newman, 1840: 7 [JH; not Gray, 1834, Gasteropoda]

Under *Megacyllene falsa* (Chevrolat, 1862: 51), the synonymic entry:

acutus: Laporte & Gory, 1836: 9 [Mld; not Germar, 1821] (add a colon)

Note. 1836 instead of "1838" (see explanation about the dating of Laporte & Gory's work in the introduction to **Section 3, sub-section B. Corrections to the publication dates of species described by Laporte & Gory in *Monographie du genre Clytus***)

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Under *Megacyllene melanaspis* (Chevrolat, 1862: 378), add a synonymic entry:

melanaspis: Lucas, 1862: xcvi [ISS] (with a colon)

Under *Megacyllene powersi* Linsley & Chemsak, 1963: 211), the synonymic entry:

infausta: Hopping, 1937: 445 [Mld; not LeConte, 1850] (add a colon)

Under *Megacyllene robiniae* (Forster, 1771: 43), add a synonymic entry:

robineae: McCorquodale, 2010: 469 [ISS] (with a colon)

Neoclytus Thomson, 1860: 67 [URN for *Rhopalomerus* Chevrolat, 1860]

And under it, among the synonymic entries:

Rhopalomerus Chevrolat, 1860: 457 [JH; not *Ropalomera* Wiedemann, 1824 / JsH; not Blanchard, 1849, Curculionidae]

Note. *Rhopalomerus* was mistakenly considered a junior homonym of *Ropalomera* Wiedemann, 1824 (Diptera) by Thomson (1860), but turned out to be a junior homonym of *Rhopalomerus* Blanchard, 1849 (Curculionidae).

Plagithmysus: Schaufuss, 1915: 859 [ISS of *Plagithmysus* Horn, 1875]

Note. Chevrolat (1860: 457) described two subgenera of *Clytus*, *Rhopalopachys* for several species, and *Rhopalomerus* for one species. Thomson (1860: 67) proposed the new replacement name *Neoclytus* for what he mistakenly considered a junior homonym of *Rhopalomerus* Wiedemann, when in fact it was *Ropalomera* Wiedemann, 1824 (Diptera). Nevertheless, *Rhopalomerus* Chevrolat is a junior homonym of *Rhopalomerus* Blanchard, 1851 (Curculionidae). Hopping (1932: 546) synonymized *Rhopalopachys* Chevrolat with *Neoclytus* Thomson but retained the younger name *Neoclytus* as the valid name instead of *Rhopalopachys*, the older available substitute name for *Rhopalomerus*. The reversal of precedence cannot be applied to declare *Neoclytus nomen protectum* because *Rhopalopachys* was used as valid after 1899. This case should be referred to the ICZN for a decision under the plenary power to maintain prevailing usage of *Neoclytus*.

P. 72

Under *Neoclytus acuminatus* (Fabricius, 1775: 194), add a synonymic entry:
erythrocephalus: Shufeldt, 1884: 334 [ISS] (with a colon)

Under *Neoclytus augusti* (Chevrolat, 1835 (4) : [55]), add a synonymic entry:
angusti: Bates, 1885: 301 [ISS] (with a colon)

Under *Neoclytus balteatus* LeConte, 1873: 201, the two synonymic entries:
magnus: Van Dyke, 1927: 109 [Mld; not Schaeffer, 1904] (add a colon)
interruptus: Van Dyke, 1927: 109 [Mld; not LeConte, 1873] (add a colon)

Under *Neoclytus horridus* (LeConte, 1862: 42), two of the synonymic entries:
longipes: LeConte, 1873: 200 [Mld; not Drury, 1773] (add a colon)
kirbyi: Hopping, 1932: 558 [Mld; not Aurivillius, 1912] (add a colon)

Under *Neoclytus jekeli* (White, 1885: 254), the synonymic entry:
longipes: Laporte & Gory, 1836: 16 [Mld; not Drury, 1773] (add a colon)

Note. 1836 instead of "1838" (see explanation about the dating of Laporte & Gory's work in the introduction to **Section 3, sub-section B. Corrections to the dates of description of species in Laporte & Gory Monographie du genre Clytus**).

Under *Neoclytus mucronatus mucronatus* (Fabricius, 1775: 193), add a synonymic entry:
macronatus: Alexander, 1958: 48 [ISS] (with a colon)

Under *Neoclytus muricatus muricatus* (Kirby in Richardson, 1837: 177), one of the synonymic entries:
muricatus: Haldeman, 1847: 41 [ISS] (add a colon)
longipes: Kirby in Richardson, 1837: 177 [Mld; not Drury, 1773] (add a colon)

Note. *N. muricatus* (Kirby, 1837: 177) is actually a junior synonym of *N. leucozonus* Laporte & Gory, 1836: 90 (see explanation about the dating of Laporte & Gory's work under **Section 3, sub-section B. Corrections to the dates of description of species in Laporte & Gory Monographie du genre Clytus**).

Note. If *N. muricatus* is retained as the valid name, "Kirby, 1837: 177" must be between parentheses since it was described in genus *Clytus*.

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Under *Neoclytus unicolor* (Laporte & Gory, 1836: 34), one of the synonymic entries:

longipes: Laporte & Gory, 1836: 16 [Mld; not Drury, 1773] (add a colon)

Note. Both "*Clytus unicolor* Laporte & Gory" and "*Clytus longipes* Laporte & Gory not Drury" appeared in two parts of the same work published the same year and therefore cannot have different publication years (see explanation about the dating of Laporte & Gory's work in the introduction to **Section 3, sub-section B**).

Ochraethes Chevrolat, 1860: 454 [COS]

And under it, four of the synonymic entries, and add one:

Ochroesthes: Chevrolat, 1860: 472-481 [IOS] (add a colon)

Ochraesthes: Thomson, 1861: 219 [ISS] (add a colon)

Ochrestes: Lacordaire, 1869: 65 [ISS] (add a colon)

Ochresthes: Bates, 1880: 50 [ISS] (add a colon)

Ochraethes: Casey, 1912: 356 [FR]

Note. Proposed as a subgenus of *Clytus*, this name appeared under two different spellings in the work in which it was originally described. The spelling *Ochraethes* appeared on page 454 as the main entry but "*Ochroesthes*" was used in combination with 11 species on pages 472-481. The author provided the following etymology for it: "Ὠχρα, ocre; εσθής, vêtement" [Okhra, ocher; esthês, clothing]. "*Ochroesthes*" was the etymologically correct name but, as First Reviser, Casey (1912: 356), "irrespective of the correct etymology", selected *Ochraethes* as the correct original spelling (ICZN 1999, article 24.2.3). Therefore, "*Ochroesthes*" is an incorrect original spelling (unavailable) and "*Ochraethes*" is the correct original spelling selected by the First Reviser.

P. 74

Under *Ochraethes sommeri* (Chevrolat, 1835: 72), one of the synonymic entries:

circulifer: Aurivillius, 1912: 386 [ISS of *circuliferus* Chevrolat, 1860] (add a colon)

Under *Ochraethes z-littera* (Chevrolat, 1860: 476), two of the synonymic entries:

z-litterata: Linsley, 1935: 86 [ISS] (add a colon)

christofori: Aurivillius, 1912: 386 [ISS of *cristoforii* Chevrolat, 1860] (add a colon)

Under *Pirangoclytus insignis* (Chevrolat, 1862: 65), the two synonymic entries:

palmatius: White, 1855: 260 [Mld; not Olivier, 1800] (instead of *palmatius* White, 1855: 260 (not Olivier, 1790) / add a colon) (replace 1790 with 1800)

palmatius: Lameere, 1884: 91 [Mld; not Olivier, 1800] (instead of *palmatius* Lameere, 1884: 91 / add a colon) (replace 1790 with 1800)

Under *Placosternus difficilis* (Chevrolat, 1862: 263), one of the synonymic entries:

crinicornis: Horn, 1880: 134 [Mld; not Chevrolat, 1860] (add a colon before Horn AND add a comma after "not Chevrolat")

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Under *Sarosesthes* Thomson, 1864: 185, the synonymic entry:

Arhopalus: LeConte, 1873: 319 [Mld; not Audinet-Serville, 1834] (add a colon)

Under *Triodoclytus* Casey, 1913: 387, one of the synonymic entries:

Paraclitus: Casey, 1912: 351 [Mld; not Bates, 1884] (add a colon)

Under *Unaiuba aulai* (Bruch, 1911: 168), the synonymic entry:

interruptus: Van Dyke, 1927: 109 [Mld; not LeConte, 1873] (add a colon)

Under *Unaiuba beltiana* (Bates, 1872: 186), the synonymic entry:

lebasii: Bates, 1872: 186 [Mld; not Chevrolat, 1861] (add a colon)

P. 76

Under *Xylotrechus* (*Xylotrechus*) *bowditchi* subsp. *hoppingi* Linsley, 1957: 35, one of the synonymic entries:
mormonus: Hopping, 1932: 540 [Mld; not LeConte, 1861] (add a colon)

Under *Xylotrechus colonus* (Fabricius, 1775: 191), one of the synonymic entries:
coloreum: Fabricius, 1801: 345 [ISS] (add a colon)

Under *Xylotrechus* (*Xylotrechus*) *insignis* LeConte, 1873: 199, two of the synonymic entries:
obliteratus: Leng, 1887: 199 [Mld; not LeConte, 1873] (add a colon)
planifrons: Fall, 1901: 147 [Mld; not LeConte, 1874] (add a colon)

Under *Xylotrechus* (*Xylotrechus*) *integer* (Haldeman, 1847: 41), one of the synonymic entries:
fuscus: LeConte, 1850: 27 [Mld; not Kirby, 1837, as *Clytus*] (add a colon)

Under *Xylotrechus* (*Xylotrechus*) *mormonus* (LeConte, 1861: 357), the synonymic entry:
obliteratus: Hopping, 1932: 534 [Mld; not LeConte, 1873] (add a colon)

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Under *Xylotrechus sagittatus sagittatus* (Germar, 1821: 171), the synonymic entry:
sagittarius: Thomson, 1861: 226 [ISS] (add a colon)

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Under *Compsocerus deceptor* Napp, 1976: 20, the synonymic entry:
barbicornis: Melzer, 1918: 420 [Mld; not Audinet-Serville, 1834] (add a colon)

Under *Compsocerus violaceus* (White, 1853: 147), one of the synonymic entries:
equestris: Gounelle, 1911: 79 [Mld; not Guérin-Ménéville, 1844] (add a colon)

P. 79

Under *Orthostoma* Lacordaire, 1830, among the synonymic entries:
Maxillaria Gistel, 1848: x [URN]

Note. Gistel (1848b: x) proposed this replacement name because he wrongly considered that *Orthostoma* was a junior homonym of *Orthostomum* Ehrenberg, 1831 (Platyhelminthes). [author's statement: "Orthostomum Grube, Würm.) bl. - Orthostoma (Serv. Cerambyx): Maxillaria, N."]

Under *Rosalia* (*Rosalia*) Audinet-Serville, 1833: 561, add a synonymic entry:
Charmides Gistel, 1848: 427 [UE]

Note. Gistel (1848a) proposed the name *Charmides* as an emendation of *Rosalia* in these terms: "XVIII. Alpenbockkäfer (*Charmides*, mihi). ... Anm. Der schönslingende Name *Rosalia* steht wohl einem Fräulein, die das Gtück hatte, so getauft zu sein, an, nicht aber einem Holzbock, da ist er bedeutungslos — . Er mußte gewechselt werden." [XVIII. Alpine longhorn beetle (*Charmides*, mihi). ... Note: The beautiful name *Rosalia* is appropriate for a young lady who had the good fortune to be christened that way, but not for a longhorn, where it is meaningless. It had to be changed.]".

Under *Rosalia funebris* Motschulsky, 1845: 87, one of the synonymic entries:
alpina: LeConte, 1852: 177 [Mld; not Linnaeus, 1758] (add a colon)

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Under *Dichophyiini* Gistel, 1848: 8
Original spelling: *Dichophyiaeidae* Gistel, 1848: [8]

P. 81

Under *Chrysoprasia* Audinet-Serville, 1834: 5, add two synonymic entries:

Cosmetes Gistel, 1848: 428 [UE]

Cosmetis Gistel, 1848: viii [UE of *Chrysoprasus*]

Note 1. *Chrysoprasis* Audinet-Serville, 1834 is a junior objective synonym of *Chrysoprasus* Perty, 1832: 89 (same type species).

Note 2. Gistel proposed *Cosmetes* (1848a) and *Cosmetis* (1848b) as emendations of *Chrysoprasis* Audinet-Serville, 1834 (as Dej.).

Under *Chrysoprasis hirtula* White, 1853: 150, one of the synonymic entries:

"*hirtula* Bates, 1872: 190 (not White, 1853)" to be deleted.

Note. This synonymic entry means that a species identified as *hirtula* by Bates (1872: 190) is not *hirtula* White, 1853 but rather *hirtula* White, 1853, which makes no sense. If Bates really used "*hirtula*" in another sense than *hirtula* White, 1853, then it should be put in the synonymic list of another species (with a colon after the species name), not of *hirtula* White, 1853, but I didn't find such a case in Monné's (2023) Neotropical Catalogue I.

Chrysoprasis nitidisternis Zajciw, 1960: 350 [COS]

And under it, add the synonymic entry:

nitidiventrīs: Zajciw, 1960: 350 [IOS] (instead of "(error)")

nitidisternis: Zajciw, 1962: 450 [FR]

Note. Two different spellings appeared in the article of the original description of this species. The spelling *nitidiventrīs* appeared as the main entry but "*nitidisternis*" was used three times in the rest of the article. As First Reviser, the author himself (Zajciw 1962: 450) selected *nitidisternis* as the correct original spelling (ICZN 1999, article 24.2.3) and specified that the spelling "*nitidiventrīs*" was the result of a typographic error. Therefore, "*nitidiventrīs*" is an incorrect original spelling (unavailable) and "*nitidisternis*" the correct original spelling selected by the first Reviser, rather than an emendation as erroneously mentioned in Neotropical Catalogue I (Monné's 2023: 225).

P. 82

Under *Chrysoprasis seticornis* Bates, 1880: 65, the synonymic entry:

sobrina: Bates, 1872: 190 [Mld; not Bates, 1870] (add a colon)

Under *Solangebira* Santos-Silva, Botero & Nascimento, 2023: 5, add the following synonymic entry:

Eryphus: Perty, 1832: 91 [Mld, not Klug, 1829]

P. 83

Under *Mallosoma* Audinet-Serville, 1834: 68, add a synonymic entry:

Dichophyia Gistel, 1848: 428 [UE]

Note 1. Gistel (1848a) proposed the new name *Dichophyia* in these terms: "*Mallosoma* (*Dichophyia*; mihi)." Monné (2024: 198) and Bouchard et al. (2024: 178) considered this name an unjustified replacement name ("unjustified new name") probably because it has a spelling totally different from *Mallosoma*. Botero & Monné's (2018: 1118) hypothesis that Gistel may have proposed a *nomen novum* (new replacement name) because he considered *Mallosoma* a junior homonym of *Malosma* Nuttall ex Abrams, 1838 (Plantae, Anacardiaceae) is unlikely because the author did not mention the name of the senior homonym and therefore there is no evidence of his intention to propose a new replacement name. There are many instances where Gistel (1848a, 1848b) mentioned a senior and a junior homonym together, followed by a replacement name, and these cases constitute unequivocal *nomina nova* statements, which is not the case for *Dichophyia*. It is therefore better to consider it as an unjustified emendation of *Mallosoma* Audinet-Serville, 1834.

Note 2. *Dichophyia* Gistel, 1848a: 428 was published in May 1848, and *Dichophyia* Gistel, 1848b: xi, 131 in June 1848.

Under *Neopoeciloderma* Monné & Martins, 1880: 65, the synonymic entry:

Poeciloderma: Jaquelin Du Val in Sagra, 1857: 267 [Mld; not White, 1853] (add a colon)

P. 84

Under *Tobipuranga beltii* (Bates, 1870: 413), add a synonymic entry:

belti: Gemminger in Gemminger & Harold, 1872: 2954 [ISS] (with a colon).

Under *Trichrous fisheri* Monné & Giesbert, 1992: 251, the synonymic entry:

bicolor: Fisher, 1932: 70 [Mld; not Sallé, 1856] (add a colon)

P. 85

Under *Dryobius sexnotatus* Linsley, 1957: 287, the synonymic entry:

sexfasciatum Say, 1824: 415 [JpH; not Olivier, 1790 (as *Callidium*)] (instead of "... (not Olivier, 1792)")

Under *Eburia* Lacordaire, 1830: 177, one of the synonymic entries:

Dissacantha: Thomson, 1864: 240 [ISS of *Dissacanthus* Hope, 1835] (add a colon)

P. 86

Under *Eburia lanigera lanigera* Linell, 1898: 192, the synonymic entry:

amabilis: Howard, 1889: 192 [Mld; not Boheman, 1859] (add a colon)

P. 87

Under *Eburia pilosa* (Erichson in Meyens, 1834: 267), one of the synonymic entries:

proletaria: Blair, 1933: 481 [Mld; not Erichson, 1847] (add a colon)

Under *Eburia semipubescens* (Thomson, 1861: 238), one of the synonymic entries:

nigrovittata: Aurivillius, 1893: 184 [Mld; not Bates, 1884] (add a colon)

Under *Eburia tetrastalacta* White, 1853: 89, one of the synonymic entries:

quadrimaculatus: Panzer in Drury, 1788: 141 [Mld; not Linnaeus, 1767] (add a colon)

Under *Eburodacrys* White, 1853: 93

Eburogutta Gemminger in Gemminger & Harold, 1872: 2815 [UE]

Note. Gemminger (1872: 2815) proposed his name *Eburogutta* as an emendation of *Eburodacrys* Thomson, 1860: 288 [actually 1860: 238]. The name was wrongly recorded as an unnecessary replacement name by Monné (2023: 279) in his Neotropical Catalogue I. Gemminger and Harold did not accept a "*vox hybrida*," i.e. a compound genus name formed with components from different languages which they considered an error to be corrected (see Gemminger & Harold's "*Einleitung*" in *Catalogus Coleopterorum* Tom. I (1868: XVII): "*Geändert haben wir dagegen allemal jene Gattungsnamen, die sich als Vox hybrida zeigten*" [However, we always changed the genus names that turned out to be *Vox hybrida*]). Since *Eburo-* is Latin and *-dacrys* is Greek, Gemminger proposed to replace the terminal Greek component *dacrys* with the Latin translation *-gutta*, so that the genus name would consist only of words of Latin origin, making *Eburogutta* an emendation of *Eburodacrys* rather than a replacement name.

P. 90

Under *Heterops lanieri* (Chevrolat, 1838: 283), one of the synonymic entries:

lanieri Jacquelin du Val, 1857: 263 (to be deleted)

Note. This synonymic entry is simply a subsequent citation of *Eburia lanieri* Chevrolat, 1838, but in a new combination with genus *Eriphus*, which represents a case like thousands not recorded in the Checklist.

Since the different combinations of species names are not recorded in the Checklist, this entry is superfluous and, for consistency, should be deleted.

P. 91

Under *Susuacanga falli* (Linsley, 1940: 257), the synonymic entry:
semipubescens: Fall, 1909: 163 [Mld; not Thomson, 1861] (add a colon)

P. 94

Alicianella Noguera, 2006: 165 [RN]

And under it, the synonymic entry:

Aliciana Noguera, 2005: 65 [JH; not Clarke, 1978, Lepidoptera]

Ambonus Gistel, 1848: xi [UE/SN] (instead of "1848: 11")

And under it, one of the synonymic entries:

Trichophorus Audinet-Serville, 1834: 17 [JH; not Temminck, 1821, Aves]

Note 1. Gistel (1848b) proposed on page xi of the introductory section (pp. v-xvi) the name *Ambonus* as an emendation of *Trichophorus* Audinet-Serville, 1834 in these terms: "*Tricophorus* (Serv.) in *Ambonus* (N.)". Rather considered a replacement name ("new name") by Monné (2024: 308) in Neotropical Catalogue I.

Note 2. In his statement, Gistel (1848b: xi) did not refer to a senior homonym of *Trichophorus* and he therefore proposed it as an emendation. The case of homonymy was detected by Neave (1939: 141) who recognized *Ambonus*, the oldest junior synonym available, as the correct substitute name for *Trichophorus* Audinet-Serville, 1834. The the unjustified emendation *Ambonus* was first adopted as valid by Costa et al. (1992: 916) for *A. distinctus*, followed by Monné (1993: 65) for all the other species included in *Trichophorus* until then.

Under *Amethysphaerion* Martins & Monné, 1975: 290, the two synonymic entries:

Ametisphaerion: Martins, 2005: 294 [ISS] (add a colon)

Amethisphaerion: Martins, 2005: 373 [ISS] (add a colon)

Under *Amethyspherion falsum* Martins, 1995: 747, the synonymic entry:

trinidadense: Martins & Napp, 1992: 470 [Mld; not Gilmour, 1963] (add a colon)

P. 95

Under *Anelaphus* Linsley, 1936: 464, add a synonymic entry:

Gymnospyra: Lingafelter, 1998: 64 [ISS of *Gymnopsyra* Linsley, 1937]

Under *Anelaphus asperus* (Knull, 1962: 105), add a synonymic entry:

aspersa: Van Pelt, 2002: 128 [ISS]

Under *Aneflus levettei* (Casey, 1891: 29), the synonymic entry:

levetti: Linsley, 1936: 475 [ISS] (add a colon)

Under *Aneflus paracalvatus* Knull, 1955: 221, add a synonymic entry:

paraclavatus: Chemsak & Linsley, 1982: 19 [ISS] (with a colon)

P. 96

Under *Aneflus sonoranus* Casey, 1924: 241, the synonymic entry:

obscurus: Leng, 1885: pl.2, fig. 27 [Mld; not LeConte, 1873] (add a colon)

Under *Anelaphus cinereus* (Olivier, 1800: 69), one of the synonymic entries:

nanum: Gahan, 1895: 103 [Mld; not Fabricius, 1792] (add a colon)

Anelaphus erakyr Galileo, Martins & Santos-Silva, 2015: 378 [RN]

And under it, the synonymic entry:

maculatus Galileo, Martins & Santos-Silva, 2014: 280 [JsH; not Chemsak & Noguera, 1993]

P. 97

Under *Anelaphus mutatus* (Gahan, 1890: 32), one of the synonymic entries:

lanatum: Leng, 1890: 214 [Mld; not Chevrolat, 1862] (add a colon)

Under *Anelaphus niveivestitus* (Schaeffer, 1905: 132), the synonymic entry:

niveipenne: Schaeffer, 1908: 327 [ISS] (add a colon)

P. 98

Atylostagma glabrum Schaeffer, 1909: 99 is considered a valid species in Monné & Nearn's Catalogue for Canada and USA III (2023: 118) LGB - interesting as they have updated the Neotropical Catalogue.

P. 99

Under *Curtomerus* Stephens, 1839, three of the synonymic entries :

Cylindera Newman, 1833: 509 [JH; not Westwood, 1831, Cicindelidae]

Cyrtomerus Gemminger in Gemminger & Harold, 1872: 2836 [UE]

Cylindrodera Gemminger in Gemminger & Harold, 1872: 2922 [UE of *Cylindera* Newman, 1833: 509]

Under *Elaphidion* Audinet-Serville, 1834: 66, two of the synonymic entries:

Elaphidium Agassiz, 1846: 135 [UE]

Centrocerum: Thomson, 1864: 244 [Mld; not Chevrolat, 1861] (add a colon)

P. 100

Under *Elaphidion conspersum* Newman, 1841: 110, the synonymic entry:

excelsum: Zayas, 1975: 86 [Mld; not Gahan, 1895] (add a colon)

Under *Elaphidion glabratum* (Fabricius, 1775: 180), the synonymic entry:

"*glabratum* Gahan, 1895: 100 (part) (not Fabricius, 1775)" (Misplaced synonymic entry; TO BE DELETED from under *Elaphidion glabratum* (Fabricius, 1775) and moved under *Elaphidion pseudonomon* Ivie, 1985)

Note. This synonymic entry means that a species identified as *glabratum* by Gahan (1895: 100) is not *glabratum* Fabricius, 1775 but rather *glabratum* Fabricius, 1775, which makes no sense. Gahan partly used "*glabratum*" in the sense of an undescribed species later described as *Elaphidion pseudonomon* Ivie, 1985, and therefore it should be moved in the synonymic list of *Elaphidion pseudonomon* (with a colon after the species name), not of *glabratum* Fabricius, 1775 (see Monné 2023: 387-388).

"*insulare* Chemsak, 1966: 212 (not Newman, 1840)" (Misplaced synonymic entry; TO BE DELETED from under *Elaphidion glabratum* (Fabricius, 1775) and moved under *Elaphidion pseudonomon* Ivie, 1985 (see Monné 2023: 388))

Under *Elaphidion irroratum* (Linnaeus, 1767: 633), among the synonymic entries:

insulare: Gilmour, 1963: 81 [Mld; not Newman, 1840] (add a colon)

Under *Elaphidion mimeticum* Schaeffer, 1905: 132, add three synonymic entries:

mineticum: Schaeffer, 1905: 132 [IOS] (with a colon)

mimeticum: Schaeffer, 1905: errata [COS] (with a colon)

mimectium: Linsley & Martin, 1933: 180 [ISS] (with a colon)

Under *Elaphidion mucronatum* (Say, 1824: 427), among the synonymic entries:

glabratum: Newman, 1840: 27 [Mld; not Fabricius, 1775] (add a colon)

Under *Elaphidion pseudonomon* Ivie, 1985: 312, add three synonymic entries:

glabratum: Gahan, 1895: 100 (part) [Mld; not Fabricius, 1775] (with a colon)
glabratum: Chemsak, 1966: 212 (part) [Mld; not Fabricius, 1775] (with a colon)
insulare: Chemsak, 1966: 212 [Mld; not Newman, 1840] (add a colon)

P. 101

Under *Enaphalodes atomarius* (Drury, 1773: 93), two of the synonymic entries, and add one; and delete one:
"atomarium Bates, 1880: 24 (not Drury, 1773)" TO BE DELETED.

Note. This synonymic entry means that a species identified as *Romaleum atomarium* by Bates (1880: 24) is not *Cerambyx atomarius* Drury, 1773 but rather *Enaphalodes atomarius* (Drury, 1773). Since *Romaleum atomarium* and *Cerambyx atomarius* are two different combinations for the same species [*Enaphalodes atomarius* (Drury, 1773)], this synonymic entry makes no sense. If Bates really used "atomarium" in another sense than *atomarius* (Drury, 1773), then it should be put as a synonymic entry under this other species (with a colon after the species name), not under *atomarium* (Drury), but I didn't find such a case in Neotropical Catalogue I (Monné 2023). It rather seems that "atomarium: Bates, 1880: 24" is just a subsequent citation of the same species and since the Checklist doesn't include the different combinations of the species, it should be deleted.

marylandius: Fabricius, 1801: 306 [ISS of *marylandicus* Fabricius, 1775] (with a colon)
marilandicum: Haldeman, 1847: 32 [ISS of *marylandicus* Fabricius, 1775] (add a colon)
bispinus: Lacordaire, 1868: 303 [ISS of *bispinosus* Pascoe, 1863] (add a colon)

Under *Enaphalodes hispicornis* (Linnaeus, 1767: 634), one of the synonymic entries:
spenicornis: Chevrolat, 1861: 248 [ISS] (add a colon)

P. 102

Under *Eurysthea* Thomson, 1861: 247, the synonymic entry:

Euristhea: Lacordaire, 1868: 321 [ISS] (add a colon)
Mallocera: Lacordaire, 1869: 321 [Mld; not Thomson, 1861] (with a colon) (instead of "*Mallocera* (section 2); ...")

Eustromula Cockerell, 1906: 242 [RN]

And under it, the synonymic entry:

Eustroma LeConte, 1873: 186 [JH; not Hübner, 1825, Lepidoptera]

Rendu ici pour la révision générale, 24.IV.2025, 2 h 45

P. 103

Under *Lanephus njumanii* (Haldeman, 1847: 375, one of the synonymic entries:

bidens: Newman, 1840: 25 [Mld; not Fabricius, 1787] (add a colon)
newmanii: LeConte, 1850: 16 [ISS]

Under *Mephritus* Pascoe, 1866: 479, the synonymic entry:

Nephalius: Lacordaire, 1868: 319 [Mld; not Newman, 1841] [instead of "*Nephalius* Gounelle, 1907: 243 (not Newman, 1841)"] (with a colon)

Note. Lacordaire (1868: 310) misapplied the name *Nephalius* for *Mephritus*; Gounelle (1907: 243) used it in the right sense (see Monné 2023: 420 in Neotropical Catalogue III).

Under *Mephritus amictus* (Newman, 1841: 93), the two synonymic entries:

cinerascens Lucas in Castelnau, 1857: 186 (instead of "*cinerascens* Lucas, 1859: 186")
"cinerascens Pascoe, 1866: 480 " TO BE DELETED

Note. Since this synonymic entry is just a subsequent citation of *Sphaerion cinerascens* Lucas, 1857: 186, but in combination with a different genus (*Mephritus*), a synonym already listed under *M. amictus* (Newman), it is redundant and should be deleted. This entry would be relevant only if the Checklist recorded subsequent citations of species names in combination with all the different generic names.

P. 105

Nyssicus Pascoe, 1859: 17 [RN]

And under it, two of the synonymic entries:

Holocanthus White, 1853: 96 [JH; not Lacépède, 1802, Actinopterygii [Pisces]]

Lampracantha Thomson, 1861: 244 [RN for *Holocanthus* White, 1853]

Lampracanthus: Thomson, 1861: 376 [ISS of *Lampracantha* Thomson, 1861: 244] (add a colon)

Nyssicus mendosus Martins, 2005: 73, add a synonymic entry:

quadriguttatus: Buquet, 1860: 627 [Mld; not Swederus, 1787] (with a colon)

Note. The statement "(not Swederus, 1787)" misplaced after "*Paranyssicus quadriguttatus* (Buquet, 1860: 627)" on page 106 of the Checklist actually belongs to this new synonymic entry to be added under "*Nyssicus mendosus* Martins, 2005" (see: Neotropical Catalogue I (Monné 2023: 425)).

P. 106

Under *Paranyssicus quadriguttatus* (Buquet, 1860: 627) (instead of "*Paranyssicus quadriguttatus* Buquet, 1860: 627 (not Swederus, 1787)" / "(not Swederus, 1787)" TO BE DELETED)

Note. *Paranyssicus quadriguttatus* (Buquet, 1860) was described in *Anoplomerus* Guérin-Méneville, 1844, and *Nyssicus quadriguttatus* Swederus, 1787 was described in *Cerambyx* Linnaeus, 1758, and therefore they are not primary homonyms. At no time were they combined with the same genus and therefore were never secondary homonyms either. There is no possible confusion. Actually, "(not Swederus, 1787)" is misplaced; it must be deleted from under "*Paranyssicus quadriguttatus* (Buquet, 1860: 627)" in the Checklist on page 106. It belongs to a new synonymic entry to be added under "*Nyssicus mendosus* Martins, 2005" (see Monné 2023: 425, Neotropical Catalogue I).

Under *Periboenum* Thomson, 1864: 245, the synonymic entry:

Nephalius: Thomson, 1861: 245 [Mld; not Newman, 1841] (add a colon)

P. 107

Under *Psyrassa* Pascoe, 1866: 481, among the synonymic entries:

Stizocera: Haldeman, 1847: 43 [Mld; not Audinet-Serville, 1834] (add a colon)

P. 108

Psyrassa bicolor García & Toledo-Hernández, 2022: 199 [RN]

AND under it, the synonymic entry :

linsleyi Toledo-Hernández, 2002: 58 [JsH; not Chemsak & Giesbert, 1986 (as *Megapsyrassa*)]

Note. Rephrase "(replacement for *linsleyi* Toledo 2002)" in order to keep the standard adopted throughout the Checklist in cases of replacement names.

Under *Psyrassa brevicornis* Linsley, 1934: 164, the two synonymic entries:

basicornis: Schaeffer, 1905: 161 [Mld; not Pascoe, 1866] (add a colon)

sallei: Linsley & Martin, 1933: 180 [Mld; not Bates, 1885] (add a colon)

Psyrassa crupina García & Toledo-Hernández, 2022: 199 [RN]

And under it:

testacea Giesbert, 1993: 140 [JsH; not Linsley, 1935 (as *Megapsyrassa*)]

cuprina García & Toledo, 2023: 500 [UE]

Note 1. Rephrase "(replacement for *testacea* Gisbert 1993" in order to keep the standard adopted throughout the Checklist in cases of replacement names.

Note 2. *Cuprina* was included in the 2023 Checklist, but is absent from this 2024 edition. It should be retained in the Checklist because, as an unjustified emendation, it is an available name. García & Toledo, 2022 first proposed *crupina* as a replacement name for the junior secondary homonym *testacea* Gisbert, 1993, not Linsley, 1935. They later proposed *cuprina* as an emendation, referring to the etymology they gave in their original article (name coming from the Latin "cupreus") and stating that *crupina* was therefore an incorrect spelling due to a lapsus calami (García & Toledo, 2023: 500), a condition allowing for a justified emendation under the provisions of the Code (ICZN 1999). However, the replacement name appears twice in the article, both times under the spelling "*crupina*", which is the indication of a spelling error in the manuscript of the authors rather than an inadvertent error made during the editing process. There is no clear evidence in the text that this is not a spelling mistake. A spelling mistake is a kind of incorrect latinization, which is not to be considered inadvertent error (ICZN 1999, article 32.5.1). Therefore, *P. crupina* must be retained as the valid name and *cuprina* is an unjustified emendation.

Psyrassa pertenuis (Casey, 1924: 248), add a synonymic entry:
pertenius: Frost, 1969: 95 [ISS] (with a colon)

P. 109

Under *Sphaerion* Audinet-Serville, 1834: 68, the synonymic entry; and add three:

Sphoerion: Thomson, 1864: 244 [ISS] (add a colon)

Cyrtoma Gistel, 1848: 428 [UE]

Cyrtama Gistel, 1848: xi [UE]

Pinax Gistel, 1848: xi [UE]

Note. Gistel (1848a: 428) proposed *Cyrtoma* as an emendation of *Sphaerion* Audinet-Serville, 1834 and later (1848b: xi) *Pinax* for "*Cyrtama*", which is apparently an incorrect subsequent spelling for *Cyrtoma*. Rather considered a replacement name ("unjustified new name") by Monné (2024: 420) in Neotropical Catalogue I.

P. 110

Under *Stenosphenus langurioides langurioides* Bates, 1885: 313, one of the synonymic entries:

languroides: Aurivillius, 1912: 443 [ISS] (add a colon)

Under *Stenosphenus sobrius* (Newman, 1840: 30), one of the synonymic entries:

sobrinus: Fisher, 1946: 94 [ISS] (add a colon)

Under *Stizocera* Audinet-Serville, 1834: 107, two of the synonymic entries:

Styzocera: Thomson, 1861: 188 [ISS] (add a colon)

Nephalius: Lacordaire, 1868: 319 [MId in part; not Newman, 1841] (add a colon)

P. 111

Under *Stizocera spinicornis* (Fairmaire, 1864: 274), the synonymic entry:

spiniformis: Bruch, 1912: 191 [ISS] (add a colon)

P. 112

Urimaso Galileo, Rosa & Santos-Silva, 2020: 298 [RN]

And under it, the synonymic entry:

Anama Martins, 2005: 258 [JH; not Newton & Chandler, 1989, Pselaphinae]

Hosticus Galileo, Rosa & Santos-Silva, 2020: 300 [RN]

And under it, the synonymic entry:

Alienus Galileo & Martins, 2010: 388 [JH; not Handlirsch, 1906, Paoliida; not Bridwell, 1919, Hymenoptera]

P. 113

Caribbomerus Vitali in Vitali & Rezbanyai-Reser, 2003: 11 [RN]

And under it, the synonymic entry:

Merostenus White, 1855: 244 [JH; not Walker, 1837, Hymenoptera]

Under *Gracilia* Audinet-Serville, 1834: 81, add a synonymic entry:

Aphelocera Gistel, 1856: 376

Note. New genus name described by indication under "CLXXIII. Obriidae" in these terms: "393) *Aphelocera** vini Pan. 24." Available because it was combined with an available species name [*Callidium vini* Panzer, 1799, junior subjective synonym of *Gracilia minuta* (Fabricius, 1781)] (ICZN 1999, article 12.2.5).

P. 114

Under *Penichroa* Stephens, 1839: 270, one of the synonymic entries:

Exilia Mulsant, 1863: 131 [JH; not Conrad, 1860, Mollusca]

P. 115

Under *Haplidus testaceus* LeConte, 1873: 175 , add a synonymic entry:

testaceus: Garnett, 1918: 177 [ISS] (with a colon)

P. 116

Under *Hesperophanes* Dejean, 1835: 328, one of the synonymic entries; and delete one:

Stromatium: LeConte, 1873: 301 [Mld; not Audinet-Serville, 1834] (with a colon)

Trichoferus Wollaston, 1854: 427 (to be removed from the synonyms of *Hesperophanes* since it is a valid genus (see on **P. 117**))

P. 117

Stromatium fulvum Villers, 1789: 256 [JpH; not Scopoli, 1763 (as *Cerambyx*)] (TO BE PUT as synonym under *S. auratum* (Böber, 1793: 135))

Stromatium auratum (Böber, 1793: 135) (= the substitute name for the species long known as *Stromatium fulvum* (Villers, 1789))

Tippmannia Monné, 2006: 180 [RN]

And under it, the synonymic entry:

Dolichopterus Tippmann, 1953: 335 [JH; not Hall, 1859, Eurypterida]

P. 118

Under *Zathecus* Bates, 1867: 26, add a synonymic entry:

Ochrus: Moxey, 1965: 240 [Mld; not Bates, 1867] (with a colon)

P. 119

Under *Gnomidolon elegantulum* Lameere, 1885: 88, the synonymic entry:

bituberculatum Thomson, 1864: 219 [JpH; not Audinet-Serville, 1834 (as *Ibidion*)]

Under *Gnomidolon insulicola* Bates, 1885: 160, among the synonymic entries:

elegantulum: Aurivillius, 1900: 410 [MId; not Lameere, 1884] (add a colon)

P. 120

Under *Hexoplon* Thomson, 1864: 219, the synonymic entry:

Gnomidolon: Lacordaire, 1869: 330 [MId; not Thomson, 1864] (add a colon)

Under *Hexoplon navajasi* Martins, 1959: 344, the synonymic entry:

eganum: Linsley, 1935: 480 [MId; not Bates, 1870] (with a colon)

P. 123

Under *Ideratus* Thomson, 1864: 183, the synonymic entries:

Beaveria Lane, 1970: 51 [JH; not Lee, 1965, Trematoda]

Beaveriella Napp & Martins, 2005: 434 [RN for *Beaveria* Lane, 1970]

Under *Lissonotus flavocinctus* subsp. *puncticollis* Bates, 1885: 333, one of the synonymic entries:

multifasciatus: Leng, 1886: 62 [MId; not Dupont, 1836] (add a colon)

P. 124

Methia Newman, 1842: 418 [RN]

And under it, two of the synonymic entries:

Thia Newman, 1840: 18 [JH; not Oken, 1815, Annelida; not Leach, 1816, Crustacea].

Tessaroptes Gemminger in Gemminger & Harold, 1873: 3063 [UE of *Tessaropa* Haldeman, 1847]

Under *Methia aestiva* Fall, 1907: 86, one of the synonymic entries:

mormona: Fall, 1901: 151 [MId; not Linell, 1896] (add a colon)

Under *Methia bicolorata* Linsley, 1962: 34, one of the synonymic entries:

bicolor: Linsley, 1935: 72 [MId; not Horn, 1885] (with a colon)

P. 125

Under *Methia mormona* Linell, 1897: 399, add a synonymic entry:

mormonica: Casey, 1924: 257 [ISS] (add a colon)

Under *Methia necydalea* (Fabricius, 1798: 148), add one synonymic entry:

necydalina: Fabricius, 1801: 332 [ISS] (add a colon)

Neoxela Botero, Bezark & Santos-Silva, 2022: 599 [RN]

And under it, the synonymic entry:

Xela Botero, Bezark & Santos-Silva, 2020: 163 [JH; not Jell, 1990, Trilobita]

Under *Styloxus* LeConte, 1873: 239, one of the synonymic entries:

Malthophia Casey, 1918: 415 (TO BE DELETED because this spelling is exactly the same as Casey's (1912: 308) original spelling. It is simply a subsequent citation)

Note. In 1912, the genus name appears three times, on pages 308, 309, and in the index on page 382, always under the spelling *Malthophia* (see **Section 1, Corrections of misspelled taxon names, P. 125**). The spelling "*Malthopia*" did not appear in 1912. The spelling used by Casey's (1918: 415; 424 (index)) is the same as that used in 1912; it is not an incorrect subsequent spelling. The text on page 415 in 1918, in which the correct spelling appears three times, simply presents arguments for treating this genus name as distinct from *Idoemea* Horn, 1880 and this citation has no nomenclatural significance and should therefore be deleted. And, actually, I did not find the spelling "*Malthopia*" anywhere. The spelling in the synonymic statement "*Malthopia* Casey, 1912: 308" in Monné's (2023: 524) Neotropical Catalogue I is incorrect.

P. 126

Under *Molorchus* Fabricius, 1792: 356, one of the synonymic entries:

Laphyra Newman, 1842: 418 [URN for *Glaphyra* Newman, 1840]

Note. Newman (1842) proposed the name *Laphyra* as a replacement name for *Glaphyra* because he wrongly thought it was a junior homonym of *Glaphyrus* Latreille, 1802, Coleopt., Glaphyridae.

P. 128

Under *Obrium maculatum* (Olivier, 1800: [No 68] 32), add a synonymic entry:

pallidum: LeConte, 1850: 22 [ISS of *pallidum* Say, 1824] (with a colon)

Under *Obrium peninsulare* Schaeffer, 1908: 338, the synonymic entry:

brunneum Schaeffer, 1904: 223 [JsH; not Fabricius, 1792, in *Saperda*]

P. 129

Under *Obrium rufulum* Gahan, 1908: 142, the synonymic entry:

rubrum: Leng, 1885: 136 [Mld; not Newman, 1838] (add a colon)

P. 130

Under *Gounelloeme* Monné & Martins, 1974: 22, the synonymic entry:

Gounellea Martins, Chemsak & Linsley, 1966: 213 [JH; not Lane, 1964, Lamiinae]

Under *Limernaea* Thomson, 1878: 20, one of the synonymic entries:

Lymernaea: Thomson, 1878: 21 [ISS]

Under *Malacopterus* Audinet-Serville, 1834: 565, add a synonymic entry:

Malacoptera: Chenu, 1870: 312 [ISS] (with a colon)

P. 131

Under *Oeme rigida* subsp. *deserta* Casey, 1824: 252, among the synonymic entries:

strangulata: Craighead, 1923: 40 [Mld; not Horn, 1880] (add a colon)

P. 133

Under *Dicentrus bluthneri* LeConte, 1880: 195, add a synonymic entry:

blunthneri: Deyrup, 1977: 181 [ISS] (with a colon)

Under *Oxycoleus* Lacordaire, 1869: 485, one of the synonymic entries:

Merionoeda: Bates, 1885: 287 [Mld; not Pascoe, 1858] (add a colon)

P. 134

Under *Ancylodonta nitidipennis* Germain, 1898: 781, the synonymic entry:

tristis: Fairmaire & Germain, 1859: 510 [Mld; not Blanchard, 1851] (add a colon)

Under *Ommidion* Newman, 1840: 196, the synonymic entry:

Ommatidion Gemminger in Gemminger & Harold, 1872: 2826 [UE]

P. 137

Under *Platyarthron* Guérin-Ménéville, 1844: 230, the synonymic entries:

Coelarthron Lacordaire, 1869: 142 [UE of *Coelomarthron* Thomson, 1861]

Platyarthrum Agassiz, 1846: 295 [UE]

P. 138

Under *Plectromerus* Haldeman, 1847: 43, DELETE the following synonymic entry:

Plectromerus LeConte, 1873: 304 (To be deleted because this spelling is exactly the same as Haldeman's original spelling. It is simply a subsequent citation)

P. 139

Proholopterus Monné, 2012: 44 [RN]

And under it, the synonymic entry:

Holopterus Blanchard in Gay, 1851: 475 [JH; not Brehm, 1845, Aves]

Under *Nathrius* Bréthes, 1916: 76, two of the synonymic entries:

Leptidea Mulsant, 1839: 105 [JH; not Billberg, 1820, Lepidoptera]

Leptideella Strand, 1936: 169 [RN for *Leptidea* Mulsant, 1839]

Deuteroleptidea Paclt, 1946: 169 [RN for *Leptidea* Mulsant, 1839]

P. 140

Under *Paraleptidea sanmartini* (Zajciw, 1960: 56), the synonymic entry:

femorata: Monné & Zajciw, 1970: 30 [Mid; not Gounelle, 1913] (add a colon)

Under *Pseudocephalus* Newman, 1842: 353, four of the synonymic entries; and add one:

Orthocephala Thomson, 1861: 257 [URN for *Pseudocephalus* Newman]

Note. Thomson (1861) proposed the name *Orthocephala* as a replacement name for *Pseudocephalus* because he wrongly thought it was a junior homonym of *Pseudocephala* Burmeister, 1837: 547, an order of Crustacea.

Pseudocephala: Pascoe, 1862: 361 [ISS] (add a colon)

Orthocephalus: Pascoe, 1862: 361 [ISS for *Orthocephala* Thomson, 1861] (add a colon)

Attodera Thomson in Pascoe, 1862: 361 [URN for *Orthocephala* Newman]

Note. Thomson in Pascoe (1862: 361 in footnote) proposed the name *Attodera* as a replacement name for *Orthocephalus* Pascoe, an incorrect subsequent spelling of *Orthocephala* Thomson and therefore an unavailable name with the same spelling as, and considered a junior homonym of, *Orthocephalus* Fieber, 1858, Heteroptera: Miridae.

Amethrocephala: Thomson, 1864: 139 [ISS for *Ametrocephala* Blanchard in Gay, 1851]

P. 141

Under *Acyphoderes aurulenta* (Kirby, 1818: 443), one of the synonymic entries:

abdominalis: Gahan, 1895: 111 [Mid; not Olivier, 1800] (add a colon)

P. 142

Under *Agaone* Pascoe, 1859: 22, one of the synonymic entries:

Cantharoxylum: Neave, 1939: 572 [ISS of *Cantharoxylum* Linsley, 1934] (add a colon)

P. 143

Charisia Champion, 1892: 161 [RN]

And under it, add a synonymic entry:

Charis Newman, 1840: 21 [JH; not Hübner, 1816, Lepidoptera]

P. 148

Neoregostoma Monné & Giesbert, 1992: 250 [NN]

Note. The name *Neoregostema* Monné & Giesbert, 1992 was proposed as follows:

"*Neoregostoma*, **new name** for *Oregostoma* Audinet-Serville, 1833:555 (part). (Type-species, *Oregostoma discoideum* Audinet-Serville, 1833:552, Thomson designation, 1864:167 (not Thomson, 1860:178))",

and the authors transferred seven valid species to the new genus.

The use of available species names in combination with a new genus name was a sufficient condition for making that genus name available before 1931 (ICZN 1999, article 12.2.5). ICZN 1999, Article 13 requires that a name proposed after 1930 must be accompanied by a description or definition that states in words characters that are purported to differentiate the taxon (article 13.1.1), or be accompanied by a bibliographic reference to such a published statement (article 13.1.2), or be proposed expressly as a new replacement name (*nomen novum*) for an available name, whether required by any provision of the Code or not (article 13.1.3). None of these requirements are met for *Neoregostoma*.

In this case, there was confusion on the part of the authors between "new genus" to be described and "new name" (*nomen novum*). They proposed *Neoregostoma* as a "**new name**" but referred only to an undefined concept without description, not to an available name to be replaced (article 30.1.3). In this case, "*Oregostoma* Audinet-Serville, 1833:555 (part)" does not refer to a description purported to differentiate it from other genera, including *Oregostoma* Audinet-Serville, 1833 (Article 30.1.2), and since no description is provided by the authors (article 30.1.1), *Neoregostoma* Monné & Giesbert, 1992 does not satisfy the provisions of the Code. It is therefore a ***nomen nudum*** and will have to be described as a new taxon.

P. 149

Under *Odontocera hilaris* Bates, 1873: 43, the synonymic entry:

punctata: Bates, 1870: 323 [Mld; not Klug, 1825] (with a colon)

Neothomasella Santos-Silva & Bezark, 2018: 449 [RN]

And under it, the synonymic entry:

Thomasella Santos-Silva, Bezark & Martins, 2012: 70 [JH; not Fredericks, 1928, Brachiopoda]

P. 151

Under *Oxylymma* Pascoe, 1859: 21, the synonymic entry:

Oxycalymma Gemminger in Gemminger & Harold, 1872: 2888 [UE]

P. 152

Under *Pasiphyle* Thomson, 1864: 164, the two synonymic entries:

Pasyphile: Lacordaire, 1869: 508 [ISS] (add a colon)

Pasiphile: Bates, 1873: 130 [ISS] (add a colon)

Under *Phespia corinna* (Pascoe, 1866: 290, the synonymic entry:

corynna: Lacordaire, 1869: 508 [ISS] (with a colon)

P. 154

Under *Rhinotragus longicollis* Bates, 1880: 41, the synonymic entry:

apicalis: Bates, 1872: 183 [Mld; not Guérin-Méneville, 1844] (add a colon)

P. 155

Under *Tomopterus aurantiacosignatus* Zajciw, 1969: 411, the synonymic entry:

tuberculicollis Zajciw, 1964: 427 TO BE DELETED since it is a junior synonym of *T. basimaculatus* Zajciw, 1964: 425 (as mentioned in Monné's (2023: 900) Neotropical Catalogue I). It could not be a synonym for two different species.

Under *Tomopteris staphylinus* Audinet-Serville, 1833: 545, two of the synonymic entries:

vespoides: Burmeister, 1865: 173 [Mld; not White, 1855] (with a colon)

quadratipennis: Costa-Lima, 1936: 302 [Mld; not Bates, 1873] (with a colon)

P. 156

Under *Cosmisoma* Audinet-Serville, 1834: 19, the two synonymic entries; and add one:

Cosmius Perty, 1832: 89 [JH; not Duméril, 1805, Diptera] 1806?

Camnus Gistel, 1848: viii [URN for *Cosmius* Perty, 1832]

Cosmosoma Gemminger in Gemminger & Harold, 1872: 2948 [UE]

Note. Gistel (1848b) proposed the replacement name *Camnus* because he considered that *Cosmius* was a junior homonym of *Cosmus* Pers. [= *Cosmos* Cavanilles, 1791 (Plantae, Asteraceae)].

P. 158

Under *Diammaphora* Chevrolat, 1859: 50, among the synonymic entries:

Diammaphora: Chevrolat, 1859: 50 [IOS]

Diammaphora Chevrolat, 1859: 51-54 [COS]

Diammaphora: Bates, 1870: 403 [ISS of *Diammaphora* Chevrolat, 1859]

Diammatophora Gemminger in Gemminger & Harold, 1872: 2947 [UE]

Diammatophora: Bruch, 1912: 301 [ISS of *Diammatophora* Gemminger, 1872]

Diammaphora: Aurivillius, 1912: 429 [FR]

Note. Two different spellings appeared in the article of the original description of this species. The spelling *Diammaphora* appeared once on page 50 but "*Diammaphora*" was used ten times on pages 51 to 54. Gemminger in Gemminger & Harold (1873: 2947) was the first author to subsequently cite both names at the same time but did not select any as the valid one since he proposed a third one, *Diammatophora*, as an emendation. Aurivillius (1912: 429) deemed to be the First Reviser since he first cited both names at the same time and selected *Diammaphora* as the correct original spelling (CIZN 1999, article 24.2.3). The name "*Diammaphora*" is therefore an incorrect original spelling and unavailable.

Under *Diammaphora parana* (Gemminger, 1873: 146), the synonymic entry:

perforata: Burmeister, 1865: 173 [Mld; not Klug, 1825] (add a colon)

P. 159

Under *Ischionodonta* Chevrolat, 1859: 58, one of the synonymic entries:

Brachyrrhopala Gemminger in Gemminger & Harold, 1872: 2915 [UE of *Brachyrrhopala* Burmeister, 1865]

Under *Ischionodonta platensis* (Chevrolat, 1859: 63), one of the synonymic entries:

aenescens: Lacordaire, 1869: 42 [ISS of *aenescens* Burmeister, 1865] (add a colon)

Under *Ischionodonta semirubra* (Burmeister, 1865: 172), one of the synonymic entries:

versicolor: Berg, 1886: 239 [Mld; not Chevrolat, 1859] (with a colon)

P. 160

Rhopaliella Monné, 2006: 178 [RN]

And under it, one of the synonymic entries:

Rhopalina Monné, 1989: 740 [JH; not Tinkham, 1939, Orthoptera]

Under *Rhopalophora* Audinet-Serville, 1834: 100, one of the synonymic entries:

Rhopalophorus: LeConte, 1873: 307 [ISS] (add a colon)

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Under *Rhopalophora rubecula* Bates, 1880: 62, the synonymic entry:
venezuelensis: Bates, 1874: 224 [Mld; not Chevrolat, 1859] (add a colon)

Under *Metaphrenon* Martins, 1975: 330, the synonymic entry:
Smodicum: Zayas, 1975: 46 [Mld; not Haldeman, 1847] (with a colon)

P. 162

Stenopterini Gistel, 1848: [9] [instead of Pascoe, 1867: 311] (see Bouchard *et al.* 2011: 482; Bouchard *et al.* 2024: 502)

Note. This Gistel citation refers to Gistel (1848c) in the **References related to the corrections** section (different from 1848a, b), a reference to be added in "References" section of the Checklist.

Under *Callimoxys* Kraatz, 1863: 105, add a synonymic entry:
Calimoxys: Gosling, 1986: 155 [ISS] (with a colon)

Under *Callimoxys fuscipennis* (LeConte, 1861: 356), add a synonymic entry:
sanguincollis fucipennis: Tyson, 1966: 203 [ISS]

Callimoxys nigrinus Williams & Hammond in Hammond & Williams 2011: 247 [COS]

And under it, add two synonymic entries:

nigrinis: Williams & Hammond in Hammond & Williams 2011: 283 [IOS]

nigrinus: Williams & Hammond, 2012: 92 [FR]

Under *Callimus* Mulsant, 1846: [17]:

Lampropterus Mulsant, 1873: 214 to be removed from the synonymic list and considered a valid subgenus that includes our two Nearctic species.

Under *Sydax* Lacordaire, 1869: 335, the synonymic entry:
Syaax: Melzer, 1935: 176 [ISS] (add a colon)

P. 163

Tillomorphini Lacordaire, 1868: 405 [instead of Pascoe, 1869: 554] (see Bouchard *et al.* 2011: 483; Bouchard *et al.* 2024: 531)

Under *Euderces* LeConte, 1850: 30, one of the synonymic entries:
Apelocera Chevrolat, 1862: 61 [UE of *Eplophorus* Chevrolat, 1861]
Apilocera: Chevrolat, 1862: 535 [ISS of *Apelocera* Chevrolat, 1962: 61] (add a colon)

P. 165

Under *Tetranodus* Linell, 1897: 396, the synonymic entry:
Tetranodes: Schaeffer, 1904: 223 [ISS]

P. 167

Under *Praxithea* Thomson, 1864: 254, one of the synonymic entries:
Praxythea: Gounelle, 1909: 606 [ISS] (add a colon)

Under *Praxithea melzeri* Lane, 1956: 8, the synonymic entry:
javetii: Lane, 1938: 90 [Mld; not Chabrillac, 1857] (add a colon)

Under *Psygmatocherus* Perty, 1828: 737, one of the synonymic entries:

Phoenicocerus: Latreille in Cuvier, 1832: 475 [ISS of *Phaenicocerus* Latreille, 1829] (add a colon)

P. 168

Under *Ancylocera* Audinet-Serville, 1834: 107, add two synonymic entries:

Aucylocera: Burmeister, 1865: 172 [ISS]

Ancylocera: Zajciw, 1972: 58 [ISS]

Under *Assycuera macrotela* (Bates, 1880: 68), the synonymic entry:

rugicollis: Bates, 1872: 191 [Mld; not Fabricius, 1801] (add a colon)

Under *Callancylla* Aurivillius, 1912: 446 [RN]

And under it, one of the synonymic entries:

Callopisma Thomson, 1864: 212 [JH; not Duméril, 1853, Reptilia]

P. 169

Under *Aegoidus* Buquet, 1838: 253, the two synonymic entries:

Oegoidus: Guérin-Méneville, 1844: 218 [ISS] (add a colon)

Aegoidius: Lacordaire, 1869: 197 [ISS] (add a colon)

Aethecerinus Fall & Cocquerell, 1907: 154 [RN]

And under it, the synonymic entry:

Aethecerus Chevrolat, 1862: 532 [JH; not Wesmael, 1844, Hymenoptera]

Under *Allocerus* Lacordaire, 1830: 173, add a synonymic entry:

Albocerus: Gistel, 1848: 427 [ISS]

P. 171

Under *Batus latreillei* (White, 1853: 83), the synonymic entry:

barbicornis: Olivier, 1795: pl.7, fig. 48 [Mld; not Linnaeus, 1764] (add a colon)

P. 172

Under *Callistochroma lampros* (Bates, 1885: 321), the synonymic entry:

tricolor: Bates, 1880: 75 [Mld; not Waterhouse, 1840] (add a colon)

Under *Ceragenia* Audinet-Serville, 1834: 32, the synonymic entry; and add one:

Ceratogenia Gistel, 1848: 432 [UE]

Cerogenia Gemminger in Gemminger & Harold, 1872: 2964 [UE]

Note. Gistel (1848a) proposed *Ceratogenia* as an emendation of *Ceragenia* in these terms: "für *Ceragenia* schreibe man *Ceratogenia*" [For *Ceragenia* you write *Ceratogenia*]. Rather considered a replacement name ("unjustified new name") by Monné (2024: 959) in Neotropical Catalogue I.

Chemsakiella Monné, 2006: 179 [RN]

And under it, the synonymic entry:

Linsleyella Chemsak, 1984: 114 [JH; not Rohr, 1980, Mollusca: Gastropoda]

P. 173

Under *Crioprosopus championi* Bates, 1885: 320, the synonymic entry:

iridescent: Bates, 1880: 74 [Mld; not White, 1853] (add a colon)

Under *Crossidius coralinus* subsp. *ferruginosus* Chemsak & Linsley, 1959: 178, add a synonymic entry:

coralinus subsp. *feruginosus*: Monné, 1994: 42 [ISS]

P. 174

Under *Cryptobias* Dupont in Audinet-Serville, 1834: 35, two of the synonymic entries; and add a synonymic entry:

Nosophaeus: Dupont, 1838: ix [ISS of *Nosophloeus* Dupont, 1836]

Dimacherus Gistel, 1848: 432 [URN]

Cryptobius: Chenu, 1870: 311 [ISS]

Note. Gistel (1848a: 432) proposed *Dimacherus* as a replacement name (*nomen novum*) because he wrongly considered that *Cryptobias* was a junior homonym of *Cryptobium* Mannerheim, 1830 (Staphylinidae).

P. 175

Under *Ctenodes* Olivier, 1807: 779, add a synonymic entry:

Brachypotes Gistel, 1848: 432 [URN]

Note. Gistel (1848a) proposed this replacement name because he considered that *Ctenodes* was a junior homonym of *Ctenodon* Bonaparte, 1831, Actinopterygii [Pisces], incidentally wrongly considered by him to be an amphibian.

Under *Ctenodes decemmaculata* Olivier, 1807: 781, one of the synonymic entries:

minuta: Latreille in Cuvier, 1836: 108 [ISS of *miniata* Klug, 1825] (with a colon)

Under *Cyphosterna* Chevrolat, 1863: 756, add a species name:

sinaloae (Chemsak & Linsley, 1982: 72) (transferred by Eya (2024: 87) from *Neotaranomis* Chemsak & Linsley, 1982 (in the Checklist on page 180))

Under *Cyphosterna sinaloae* (Chemsak & Linsley, 1982: 72), add a synonymic entry:

sinaloanum Eya, 2024: 87 [UE]

Note. Eya (2024: 87) transferred *sinaloae* from *Neotaranomis* to the genus *Cyphosterna* Chevrolat, 1863 and, considering that this genus name is neuter, he corrected the species name to *sinaloanum* to make the change to the neuter ending. This change was unjustified because, in doing so, he formed a new name since *sinaloanus*, *-a*, *-um* is an adjective (= "sinaloan") ruled by article 31.1.1 and therefore a word different from the original one *sinaloae* (= "of Sinaloa"), the genitive case of the proper noun *Sinaloa* treated as a personal name ruled by article 31.2. *Cyphosterna sinaloae* must be retained as the valid name in its original spelling for this species, and the adjectival name *sinaloanum* is an unjustified emendation and therefore an available name that must be listed as a junior objective synonym of *C. sinaloae* (ICZN article 33.2.3).

Under *Dendrobias* Dupont in Audinet-Serville, 1834: 41, the synonymic entry; and add one:

Dendrobis: LeConte, 1858: 40 [ISS] (add a colon)

Lacaena Gistel, 1848b: ix [URN]

Note. Gistel (1848: 432) proposed *Lacaena* as a replacement name because he wrongly considered that *Dendrobias* was a junior homonym of *Dendrobium* Swartz, 1799 (Plantae: Orchidaceae) and of *Dendrobis* Meyen, 1833, a junior synonym of *Octodon* Bennett, 1832 (Mammalia: Rodentia).

P. 176

Under *Dorcacerus* Dejean, 1821: 105, add a synonymic entry:

Dorcadocerus: Germar, 1823: 501 [ISS]

Eriocharis Aurivillius, 1912: 483 [RN]

And under it, the synonymic entry:

Eriosoma Blanchard, 1843: 207 [JH; not Leach, 1818, Hemiptera]

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Eriphus Audinet-Serville, 1834: 88 [wNP]

And under it, the synonymic entry; and add one:

Eryphus Klug, 1829: 7 (instead of "1829: 82")

Note 1. *Eriphus* Audinet-Serville, 1834 [1833]: 541 (in key) is a French vernacular name and therefore a *nomen nudum*; Audinet-Serville (1834: 88) is the correct reference for this name (see Bouchard et al. 2024: 212).

Note 2. Following remarkable and extensive detective work, Santos-Silva, Botero & Nascimento (2023) concluded that the type species of *Eriphus* Audinet-Serville, 1834: 88 [*Callidium bisignatum* Germar, 1823, designated by Chevrolat (1845: 404)] is congeneric with the type species of *Eryphus* Klug, 1829: 7 [*Eryphus rubricollis* Klug, 1829: 7 = *purpuratus* Chevrolat, 1863], making *Eryphus* and *Eriphus* subjective synonyms of each other. They established in the same work the new genus *Solangebira* for species included by Napp & Martins (2002) in *Eryphus sensu* Perty, 1832 not Klug, 1829 and treated *Eriphus* Audinet-Serville, 1834 as a *nomen protectum* and *Eryphus* Klug, 1829 as a *nomen oblitum*.

Note 3. However, contrary to the proposal of Santos-Silva et al. (2023), *Eryphus* Klug should have been accepted as the valid name because it has date priority and its use would not really threaten stability in Cerambycidae. Furthermore, the requirements of Article 23.9 are not fulfilled to invoke the reversal of precedence in order to maintain the prevailing usage of *Eriphus* over *Eryphus*; these being:

23.9.1.1, **"the senior synonym has not been used as a valid name after 1899"**.

Note 3a. The name *Eryphus* has been used as valid after 1899 by Napp & Martins (2002), Di Iorio (2004), Galileo & Martins (2006), Monné et al. (2009), Monné et al. (2016), and Monné & Monné (2017). The fact that these authors used it in an erroneous taxonomic sense (for species currently included in *Solangebira*) is irrelevant.

23.9.1.2, "the junior synonym or homonym has been used for a particular taxon, as its presumed valid name, in at least 25 works, published by at least 10 authors in the immediately preceding 50 years and encompassing a span of not less than 10 years".

Note 3b. The authors did not provide any evidence to this effect (citation of at least 25 works) in their work (see "23.9.2" below).

23.9.2, "An author who discovers that both the conditions of 23.9.1 are met should cite the two names together and state explicitly that the younger name is valid, and that the action is taken in accordance with this Article; **at the same time the author must give evidence that the conditions of Article 23.9.1.2 are met**, and also state that, to his or her knowledge, **the condition in Article 23.9.1.1 applies**. From the date of publication of that act the younger name has precedence over the older name. When cited, the younger but valid name may be qualified by the term *nomen protectum* and the invalid, but older, name by the term *nomen oblitum* (see Glossary). In the case of subjective synonymy, whenever the names are not regarded as synonyms the older name may be used as valid."

Note 3c. The authors did not give evidence that conditions of articles 23.9.1.1 and 23.9.1.2 are met. They were aware that the name *Eryphus* had been used as valid after 1899, but they only considered it as a taxonomic entity rather than in its wider nomenclatural sense. Their action does not qualify as a reversal of precedence and is invalid.

Note 4. *Eryphus* Klug is an available name and Santos-Silva, Botero & Nascimento (2023) brought evidence that it is a senior synonym of *Eriphus* Audinet-Serville, 1834. The reversal of precedence cannot be applied here to retain Audinet-Serville's name. *Eriphus* could be considered an incorrect subsequent spelling by Audinet-Serville (1834), but since it has never been attributed to Klug, it cannot be considered an incorrect subsequent spelling in prevailing usage. Unless someone refer the case to the Commission

for a ruling in order to conserve *Eriphus* Audinet-Serville, the valid name should be *Eryphus* Klug, 1829. If the case were referred to the Commission, given that the usage of *Eryphus* Klug as the valid genus name would not actually threaten the nomenclatural stability of Cerambycidae, it is quite possible that the Commission would not vote in favor of retaining Audinet-Serville's name.

Capricornus Gistel, 1848: ix [URN]

Note. This is a name that should be added as a synonymic entry under *Eriphus* Audinet-Serville. Gistel (1848b) proposed this replacement name because he mistakenly considered it a junior homonym of *Eriphia* Meigen, 1826 [= *Drymeia*, Diptera] and *Eriphia* MacLeay, 1838 [Malacostraca].

Georgiana Aurivillius, 1912: 450 [RN]

And under it, the synonymic entry:

Georgia Thomson, 1857: 21 [JH; not Baird & Girard, 1853, Squamata]

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Under *Gonyacantha rubronigra* Thomson, 1858, one of the synonymic entries:
nigrorubra: Lacordaire, 1869: 212 [ISS] (add a colon)

Under *Lissonomimus* Viana & Martinez, 1992: 28, the two synonymic entries:

Pujolia Lane, 1973: 380 [JH; not Levasseur, 1968, Coleopt.: Staphylinidae]

Laneiella Monné, 2006: 179 [RN for *Pujolia* Lane, 1973]

Under *Lissonotypus* Thomson, 1864: 211, the synonymic entry:

Lissonototypus Gemminger in Gemminger & Harold, 1872: 2982 [UE]

Under *Lophalia* Casey, 1912: 333, the synonymic entry:

Entomosterna: LeConte, 1873: 314 [Mld; not Chevrolat, 1862] (add a colon)

P. 179

DELETE "*Megaderus* Germar, 1823: 501" AND replace with:

Neomegaderus Monné, 2006: 179 [RN]

(to be moved into the correct alphabetical order after the genus *Neogalissus* on page 180)

And under it, the synonymic entry:

Megaderus Dejean, 1821: 106 [JH; not Rafinesque, 1815, Actinopterygii [Pisces]] (see Bouchard et al. 2024: 317-318).

Note 1. In the Checklist, the fact that *Megaderus* Germar, 1823 is retained as the valid genus name while *Megaderus* Dejean, 1821 is listed as a preoccupied name (junior homonym, invalid) doesn't make sense. If *Megaderus* Dejean is a junior homonym of *Megaderus* Rafinesque, *Megaderus* Germar is too and neither of them are valid.

Note 2. *Megaderus* Germar, 1823 is not an available name, just a subsequent citation (as *Megaderi*) of Dejean's.

Note 3. Dejean (1821: 106) proposed the new genus name *Megaderus* and included a valid species, *Cerambyx stigma* (currently *Megaderus stigma* Linnaeus, 1758), thus making the name *Megaderus* available (ICZN 1999, article 12.2.5, for genus names published before 1931). However, it is a junior homonym of *Megaderus* Rafinesque, 1815: 220 (Actinopterygii [Pisces]: Muraenidae). Germar (1823: 501) also used in a Latin text the genus name *Megaderi* (nominative plural of *Megaderus* because of the requirements of Latin grammar in his text, to be corrected to the nominative singular *Megaderus* according to ICZN 1999, article 11.8.1) and attributed it to Dejean. In the event that the name was attributed to him, it would also be a junior homonym of Rafinesque's name. Monné (2006: 179) was correct in proposing the replacement name *Neomegaderus* for this taxon.

Monné & Monné (2013: 360) considered that *Megaderus* Rafinesque, 1815 (Actinopterygii [Pisces]) was an unavailable name (*nomen nudum*) since, according to them, it was proposed in the index of a catalogue (on page 231), and so could not be the senior homonym of Dejean's (1821) or Germar's (1824) names. They rejected Dejean's name on the basis that the identity of the only species included, *stigma*, was ambiguous since it was not associated with an author's name, and proposed to use Germar's (1824) [actually 1823] name as the valid one because he provided a description and listed *stigma*. This conclusion was based on a misconception and ignored Silfverberg's (1984: 62) work on types of genera proposed by Dejean in 1821.

Monné & Monné (2013) indicated that *Megaderus* was only appearing as a name on page 231 of the index of Rafinesque's work and was therefore a *nomen nudum*, but page 231 doesn't exist in the work since it has only 224 pages. After the end of the text on page 214, there is a "Table des matières" [Table of contents] on pages 215-216, an "Abbréviations" section on page 217, and an "Additions et corrections" section from page 218 to 221. On page 220 we can read:

« pag. 93. l. 11. — Ajoutez — 11. *Megaderus* R. *Echidna* Forster. » [meaning: on Page 93, line 11, add: "11. *Megaderus* Rafinesque, a replacement name for *Echidna* Forster"]. This information is to be added at the end of the section on "Murenida" on page 93, after "10. *Murena* L. *Gymnothorax* Bl. *Murenopsis* Lac." It seems that Monné & Monné (2013) misintepreted the "Additions et corrections" section as an index and didn't understand that Rafinesque was proposing a *nomen novum* for *Echidna* Forster on page 220, making *Megaderus* an available name.

So *Megaderus* Rafinesque, 1815 is an unnecessary replacement name (*nomen novum*) and therefore an available name which is a senior homonym of *Megaderus* Dejean, 1821. *Neomegaderus* Monné, 2006 is therefore the valid name for this genus of cerambycid.

Under *Metopocoilus* Audinet-Serville, 1832: 170, two of the synonymic entries:

Metopocoellus: Laporte, 1840: 410 [ISS] (add a colon)

Metopocoelus: Lacordaire, 1869: 244 [ISS] (add a colon)

Under *Metopocoilus corumbaensis* Lane, 1956: 8, the synonymic entry:

rojasi: Lane, 1943: 102 [Mld; not Sallé, 1853] (add a colon)

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Under *Neotaphos* Fisher, 1937: 324, the two synonymic entries:

Uragus Guérin-Méneville, 1844: 230 [JH; not Rafinesque, 1815, Coelenterata; not Keyserling & Blasius, 1840, Aves]

Vianuragus Monné, 2006: 179 [RN for *Uragus* Guérin-Méneville, 1844]

Under *Neoxoplus cruentus* (LeConte, 1862: 42), one of the synonymic entries:

cruentatus: Horn, 1894: 338 [ISS] (add a colon)

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Under *Palaeotrachyderes* Tippmann, 1960: 147, add a synonymic entry:

Paleotrachyderes: Chemsak, Linsley & Noguera, 1992: 84 [ISS]

Parevander Aurivillius, 1912: 453 [RN]

And under it, the synonymic entry:

Evander: Lacordaire, 1869: 160 [Mld; not Thomson, 1861] (add a colon)

Note. *Evander* Thomson. 1861: 377 is an unnecessary replacement name for *Amphidesmus* Audinet-Serville, 1834: 65, an Afrotropical taxon, wrongly considered by Thomson to be a junior homonym of *Amphidesma* Lamarck, 1818 (Mollusca).

Under *Paroxoplus* Chemsak, 1959: 111, the synonymic entry:

Oxoplus: Lacordaire, 1869: 179 [MId; not LeConte, 1862] (add a colon)

Note. Eleven years before Bates (1880: 80), Lacordaire (1869) was the first author to use the genus name *Oxoplus* in the sense of *Paroxoplus* Chemsak, 1959. By the way, the original combination of the type species of *Paroxoplus* Chemsak, 1959 was *Oxoplus ornaticollis* Lacordaire, 1869: 180.

Under *Parozodera farinosa* (Burmeister, 1865: 161), the synonymic entry:

hamaticollis: Tippmann, 1953: 209 [MId; not Guérin-Méneville, 1844] (add a colon)

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Under *Plionoma* Casey, 1912: 333, the synonymic entry:

Sphaenothecus: LeConte, 1873: 316 [MId; not Dupont, 1838] (add a colon)

Under *Poecilopeplus* Dejean, 1835: 319, add a synonymic entry:

Cinclida Gistel, 1848: 427 [UE]

Note. Gistel (1848a) proposed this name as an emendation of *Poecilopeplus* Dejean, 1835 in these terms: "Poecilopeplus (Cinclida; mihi)". Rather considered a replacement name ("new name") by Monné (2024: 1029) in Neotropical Catalogue I.

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Under *Polyschisis* Audinet-Serville, 1834: 564, add two synonymic entries:

Polychisis: Gistel, 1848: xi [ISS]

Epitelus Gistel, 1848: xi [UE]

Note. Gistel (1848b) proposed the name *Epitelus* as an emendation of *Polyschisis* Audinet-Serville, 1834 in these terms: "*Polychisis* (Serv.) in *Epitelus* (N.)."

Under *Purpuricenus* Dejean, 1821: 105, add the following synonymic entries:

Acanthoptera Latreille, 1829: 114

Acanthroptera: Gray, 1832: 103 [ISS of *Acanthoptera* Latreille, 1829]

Acanthopterus: Guérin-Méneville, 1844: 223 [ISS of *Acanthoptera* Latreille, 1829]

Hamadrias Gistel, 1848: 427 [UE]

Note. Gistel (1848a: 427) proposed the name *Hamadrias* as an emendation of *Purpuricenus* Dejean, 1821 in these terms: "Das schöne verwandte Genus *Purpuricenus* muß seinen Namen in *Hamadrias* (mihi) wechseln" [The beautiful related genus *Purpuricenus* must change its name to *Hamadrias* (mihi)].

P. 184

Under *Retrachydes thoracicus thoracicus* (Olivier, 1790: 300), one of the synonymic entries:

morio: Dalman in Schoenherr, 1817: 365 [MId in part; not Fabricius, 1787]

instead of "*morio* Dalman in Schoenherr, 1817: 365 (part)".

Under *Schizax senex* LeConte, 1873: 195, add a synonymic entry:

senax: Craighead, 1923: 80 [ISS] (with a colon)

Under *Sphaenothecus* Dupont, 1838: xii, three of the synonymic entries:

Sphenothecus: White, 1853: 85 [ISS] (add a colon)

Sphoenothecus: Thomson, 1864: 205 [ISS] (add a colon)

Ischnocnemis: LeConte, 1873: 316 [MId; not Thomson, 1864] (add a colon)

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Under *Trachelissa Aurivillius*, 1912: 449 [RN], the synonymic entry; and add three:

Trachelia Audinet-Serville, 1834: 25 [JH; not Scopoli, 1769, Aves]
Loxodromus Gistel, 1848a: 432 [UE for *Trachelia* Audinet-Serville, 1834]
Loxodromus Gistel, 1848b: 132 [URN for *Trachelia* Audinet-Serville, 1834]
Hippias Gistel, 1848b: 185 [URN for *Trachelia* Audinet-Serville, 1834]

Note. In the concluding paragraph of the section on Cerambycidae, Gistel (1848a: 432) proposed the name *Loxodromus* as an emendation of *Trachelia* Audinet-Serville in these terms: "Uebrigens habe ich die neuen Namen der Genera für Sub-genera größtentheils vorzuschlagen das Recht genommen. Für *Trachelia*: *Loxodromus* (mihi)" [Incidentally, I have mostly reserved the right to suggest new names for the genera and sub-genera. For *Trachelia*: *Loxodromus* (mihi); ...]. Since he did not refer to the real senior homonym *Trachelia* Scopoli, 1769 (Aves), his name cannot be considered a new replacement name. Gistel (1848b: 132) proposed the name *Loxodromus* again in these terms: "*Trachelium* (Linn, plant.) bl. - *Trachelius* Schrank, Ehrenb. Infus.): Auchenaria, N. - *Trachelia* (Serv., Cerambyx) *Loxodromus*, N.", so as a new replacement name because he thought *Trachelia* Audinet-Serville was a junior homonym of *Trachelium* Linnaeus, 1753 (Plantae: Asterales: Campanulaceae) and *Trachelius* Schrank, 1803 (Ciliophora: Litostomatea). In the same work, in section "XIV. Klasse. Drillthierchen oder Wimpernthiere. Infusionsthierchen (Gyrozoo; Infusoria)", under "14. Familie. Halsdriller (Trachelina)", ignoring what he stated on page 132, the author proposed a different replacement name, *Hippias*, for Audinet-Serville's name, which he wrongly considered a junior homonym of *Trachelius* Schrank, 1803 (Ciliophora: Litostomatea) in these terms "(Der Name *Trachelia* von Serville an *Gnoma maculipennis* (Cerambycidae) vergeben, muß geändert werden in *Hippias*, mihi.)" [(The name *Trachelia* given by Serville to *Gnoma maculipennis* (Cerambycidae) must be changed to *Hippias*, mihi.)]. These names are available and have date priority over *Trachelissa* Aurivillius, 1912 but were forgotten. Reversal of precedence (ICZN 1999, article 23.9) should be used to declare *Trachelissa nomen protectum*, and *Loxodromus* and *Hippias nomina oblita*.

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Under *Trachyderes* (*Trachyderes*) *succinctus* subsp. *flaviventris* (Aurivillius, 1908: 6), the synonymic entry:
nigricornis: Martins, 1975: 83 [MId; not Aurivillius, 1908] (add a colon)

Under *Tragidion auripenne* Casey, 1893: 586, among the synonymic entries:
fulvipenne: Casey, 1893: 586 [MId; not Say, 1824] (add a colon)

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Under *Tylosis puncticollis* Bates, 1885: 325, two of the synonymic entries:
maculata: Bates, 1880: 81 [MId; not LeConte, 1850] (add a colon)
sellata: Bates, 1880: 81 [MId; not LeConte, 1858] (add a colon)

P. 189

Under *Engyum ludibriosum* Martins, 1870: 939, the synonymic entry:
album: Gounelle, 1909: 668 [MId; not Bates, 1870] (add a colon)

P. 190

Under *Heterachthes* Newman, 1840: 9, three of the synonymic entries:
Ibidion (*Heterachthon*) Thomson, 1867: 134 [UE]
Heterachthon: Aurivillius, 1912: 110 [ISS of *Heterachthon* Thomson, 1867] (add a colon)
Heterachtes: Aurivillius, 1912: 110 [ISS] (add a colon)

P. 192

Under *Neocompsa cylindricollis* (Fabricius, 1798: 146), among the synonymic entries:

quadrimaculatum Thomson, 1864: 215 (not Fabricius, 1792) (to be deleted)

Note. The only "*quadrimaculatum* Fabricius" found was originally described in genus *Callidium* in 1792 [currently in *Achryson*] and there is no case of primary or secondary homonymy found between it and *Ibidion quadrimaculatum* Thomson, 1864: 215. So, this synonymic entry is irrelevant]

Under *Neocompsa exclamatoris* (Thomson, 1861: 201), the synonymic entry; and add one:

interrogationis Thomson, 1864: 216 [NN]

exclamationus: Craighead, 1923: 77 [ISS]

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Under *Neocompsa textilis* (Thomson, 1865: 573), the synonymic entry:

mexicanum: Bates, 1880: 32 [Mld; not Thomson, 1865] [add a colon]

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Under *Compsibidion cleophile* (Thomson, 1865: 574), one of the synonymic entries:

laesicolle Thomson, 1864: 218 [Mld; not Germar, 1823] (add a colon)

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Under *Cydnidolon obliquum* Martins, 1969: 852, the synonymic entry:

unoculum: Gounelle, 1909: 668 [Mld; not Bates, 1870] (add a colon)

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Neoibidion Monné, 2012: 36 [RN]

And under it, the synonymic entry:

Ibidion Audinet-Serville, 1834: 542 [JH; not Gory, 1833, Clytini]

Neopotiatuca Martins & Galileo, 2008: 280 [RN]

And under it, add the following synonymic entry:

Potiatuca Martins & Galileo, 2007: 198 [JH; not Galileo & Martins, 2006, Apomecynini]

Under *Tetraopidion* Martins, 1960: 23, add two synonymic entries:

Cydnidolon: Lacordaire, 1868: 334 [Mld; not Thomson, 1864]

Cynidion: Damoiseau & Cools, 1987: 16 [ISS of *Cydnidolon*: Lacordaire, 1868]

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Under *Alcyopis* Pascoe, 1866: 484, add a synonymic entry:

Alcyopsis: Chemsak, Linsley & Noguera, 1992: 49 [ISS]

Minibidion captiosum Martins, 1968: 335 [RN]

And under it, the synonymic entry:

bicolor Martins, Galileo & Limeira-de-Oliveira 2011: 281 [JpH; not Martins, Galileo & Limeira-de-Oliveira, 2009]

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Under *Minibidion punctipenne* Martins, 1968: 339, the synonymic entry:

comatum: Gounelle, 1909: 677 [Mld; not Audinet-Serville, 1834] (add a colon)

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Under *Tropidion signatum signatum* (Audinet-Serville, 1834: 104), one of the synonymic entries:

vicinum: Bosq, 1943: 31 [Mld; not Gounelle, 1909 or 1913] (the date 1909 is doubtful)

Note. Gounelle described two species under the name *vicinum*: an *Obrium* in 1909 (p. 686) and an *Ibidion* (currently valid in *Tropidion*) in 1913 (p. 216). A hypothesis to check: since *Obrium vicinum* Gounelle, 1909: 686 has nothing to do with *Tropidion*, it is likely that Bosq (1943: 31) confused *Tropidion signatum* with *Tropidion vicinum* "not Gounelle, 1913" rather than with *Obrium vicinum* "not Gounelle, 1909". If so, the date "1909" must be replaced with "1913".

Under *Tropidion sipolisi* (Gounelle, 1909), one of the synonymic entries:

breviusculum Zikán & Zikán, 1944: 12 [JsH; not Thomson, 1867 (as *Ibidion*)] (add the info about the secondary homonymy with Thomson, 1867)

Under *Chenoderus* Fairmaire & Germain, 1859: 532, two of the synonymic entries:

Cycnoderus: Blanchard in Gay, 1851: 479 [Mld; not Audinet-Serville, 1834] (add a colon)

Chenoblacus Thomson, 1868: 201 [URN for *Chenoderus*, wrongly considered JpH of *Cheloderus* Gray, 1832]

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Under *Paromoeocerus* Gounelle, 1910: 139, the synonymic entry:

Compsocerus: Laporte, 1840: 435 [Mld; not Lacordaire, 1830] (add a colon)

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Under *Acanthocinus* Dejean, 1821: 106, two of the synonymic entries; delete one, and add one:

Acanthocinus (*Graphisurus*) Kirby, 1837: 169 (not "16"; but this line should BE DELETED anyway because this synonymic statement is irrelevant and should be removed from the synonymic list of *Acanthocinus*).

Note. This synonymic statement is wrong; it follows Linsley & Chemsak's (1995: 11-12) misinterpretation of *Graphisurus* type species (see Bousquet 2008: 619-620). Kirby (1837: 169) expressly stated under "Subgenus *Graphisurus*. Kirb.": "The type of this subgenus is *Cerambyx fasciatus* of De Geer." So genus *Graphisurus* Kirby, 1837 is valid, not a synonym of *Acanthocinus* Dejean, 1821.

Astynomus: Haldeman, 1847: 46 [Mld; not Stephens, 1839] (add a colon)

Lamia Gistel, 1848: 429 [NN]

Note. Gistel (1848a: 429) proposed the name *Lamia* as an emendation of *Astynomus* of authors, not Stephens, 1839 in these terms: "(*Lamia*; mihi. *Astynomus*, Alior.) ... Der Name *Lamia* findet sich nirgend mehr; ich hab' ihn wieder eingesetzt" [(*Lamia*; mihi. *Astynomus*, Alior. [in a different sense]) ... The name *Lamia* is no longer found anywhere; I have reinstated it]. It is therefore a *nomen nudum* because it refers to an unavailable name (*Astynomus* of authors).

Aedilis: LeConte, 1852: 173 [Mld; not Audinet-Serville, 1835] (add a colon)

Under *Acanthocinus princeps* (Walker in Lord, 1866: 331), one of the synonymic entries:

spectabilis: Horn, 1880: 130 [Mld; not LeConte, 1854] (add a colon)

Under *Alcathousiella* Monné, 2005: 11, the two synonymic entries:

Alcathous Thomson, 1864: 24 [JH; not Stål, 1863, Hemiptera]

Amniscus: Bates, 1863: 103 [Mld; not Dejean, 1835] (add a colon)

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Under *Amniscites* Gilmour, 1957: 4, the synonymic entry:

Amniscus: Bates, 1863: 103 (part) [Mld; not Dejean, 1835] (add a colon)

Under *Amniscus similis* (Gahan, 1895: 136), among the synonymic entries:

testaceus: Aurivillius, 1923: 403 [Mld; not Froelich, 1792] (add a colon)

Under *Anisopodus* White, 1855: 349 [RN]

And three of the synonymic entries:

Anisopus Audinet-Serville, 1835: 30 [JH; not Meigen, 1803 (= *Sylvicola* Harris, 1780), Diptera]

Leptoscelis Erichson, 1847: 145 [JH; not Laporte, 1832, Heteroptera]

Anisopadus: Burmeister, 1865: 178 [ISS]

Under *Anisopodus arachnoides* (Audinet-Serville, 1835: 31), the synonymic entry:

phalangodes: Costa Lima, 1936: 305 [Mld; not Erichson, 1847] (add a colon)

Under *Anisopodus batesi* Gilmour, 1965: 568, the synonymic entry:

arachnoides Bates, 1863: 283 [JsH; not Audinet-Serville, 1835]

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Under *Anisopodus heikei* Martins, 1974: 57, the synonymic entry:

phalangoides: Bates, 1872: 215 [Mld; not Eichson, 1847] (add a colon)

Under *Anisopodus scriptipennis* Bates, 1872: 236, add a synonymic entry:

scriptipennis: Li, Aguilar & Berkov, 2017: 679 [ISS]

Antecurisa Gilmour, 1960: 93

Note. Gilmour (1960: 93) used two different spellings when he established this genus: *Antecurisa* as the main entry and when he designated the type species, but *Antrecurisa* in the main entry of the new species name *Antrecurisa picta* in the main English text, and the same was done in the Spanish translation on page 96.

The author himself (Gilmour 1965: 595) acted as the First Reviser when he used "*Antecurisa picta*" as the valid name, making *Antecurisa* the correct original spelling and *Antrecurisa* the incorrect original spelling (ICZN 1999, article 24.2.3).

Under *Astyleiopus* Dillon, 1956, among the synonymic entries:

Sternidius: Linsley & Chemsak, 1995: 34 (Mld.; not Leconte, 1873) (see Bousquet 2008: 622-623) (add a colon).

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Under *Astylopsis* Casey, 1913: 309, the synonymic entry:

Amniscus: Haldeman, 1847: 46 [Mld; not Dejean, 1835] (add a colon)

Under *Atrypanius* Bates, 1864: 46, one of the synonymic entries:

Antrypanius: Melzer, 1927: 580 [ISS]

Under *Atrypanius binoculatus* (Bates, 1864: 153), the synonymic entry:

bimaculata: Aurivillius, 1923: 424 [ISS]

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Under *Baryssinus chemsaki* Monné, 1985: 369, the synonymic entry:

bilineatus: Bates, 1872: 218 [Mld; not Bates, 1864] (add a colon)

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Under *Canidia ochreostictica* (Dillon, 1956: 106), add a synonymic entry:

ochreosticta: Chemsak, Linsley & Noguera, 1992: 144 [ISS]

Under *Carphina assula* (Bates, 1864: 23), add a synonymic entry:

hypylon: Lameere, 1883: 71 [ISS of *Eutrypanus ypsilon* Kirsh, 1875]

Under *Catharesthes* Bates, 1881: 171, the synonymic entry:

Catharestes: Aurivillius, 1923: 395 [ISS]

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Under *Cosmotoma fasciata* Fisher, 1931: 23, the synonymic entry:

rubella: Bates, 1872: 237 [Mld; not Bates, 1864] (add a colon)

Under *Cosmotoma sertifer* (Audinet-Serville, 1835: 59), the synonymic entry:

setifer: Aurivillius, 1923: 334 [ISS]

Under *Cosmotoma viridana* Lacordaire, 1872: 781, the synonymic entry:

sertifer: Bosq, 1944: 201 [Mld; not Audinet-Serville, 1835] (add a colon)

Dectes sayi Dillon & Dillon, 1953: 260 [URN]

And under it, among the synonymic entries:

spinosa Say, 1826: 271 [wJpH of Drury, 1773 (as *Cerambyx*)] (instead of *spinosa* Say, 1826: 271 (not Drury, 1773); remove "(not Drury, 1773)")

Note. *D. sayi* was proposed by Dillon & Dillon (1953: 260) as a replacement name for *spinosa* Say because they believed that *Lamia spinosa* Say was a primary homonym of *Lamia spinosa* Drury, 1773. However, Drury's species was described as *Cerambyx spinosus* (currently *Polyrhaphis spinosa*) and therefore the two names were not primary homonyms. And since the two species were never placed in the same genus, they have never been secondary homonym either and *D. sayi* Dillon & Dillon is an unnecessary replacement name. Since Say's name was replaced before 1961, Bousquet et al. (2017: 160) stated that the replacement name *sayi* must be preserved according to ICZN 1999, article 59.3 and , but this article applies to secondary homonyms, which is not the case here. The name *Dectes spinosus* (Say) is the valid name under the provisions of the Code. An application to the ICZN will be necessary to retain *sayi* as the valid name. The statement "not Drury, 1773" is not relevant and must be deleted.

Under *Dectes sayi* Dillon & Dillon, 1953: 260, one of the synonymic entries:

texasus: Bates, 1881: 173 [Mld; not LeConte, 1862] (add a colon)

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Under *Eutrichillus* Bates, 1885: 397, add a synonymic entry:

Ceratographus: Lewis, 1986: 171 [ISS]

Under *Eutrichillus biguttatus* (LeConte, 1852: 172), one of the synonymic entries:

pusilla: Horn, 1880: 129 [Mld; not Kirby, 1837] (add a colon)

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Under *Eutrichillus comus* (Bates, 1881: 155), one of the synonymic entries:

cornus: Franz, 1954: 226 [ISS]

Under *Eutrypanus tessellatus* White, 1855: 372, add a synonymic entry:

tesselatus: Zikán & Zikán, 1944: 39 [ISS]

Under *Exalcidion* Monné, 1977: 698, the synonymic entry:

Alcidion: White, 1855: 394 [Mld in part; not Sturm, 1843] (instead of "Alcidion White, 1855: 394 (part) (not Sturm, 1843; not Thomson, 1861)"; add a colon)

Note. "not Thomson, 1861" should be deleted because this is a synonymic entry related to the valid genus name *Nealcidion* Monné, 1977 under which it is listed on **P. 223**.

Under *Glaucotes yuccivorus* (Fall, 1907: 84), the synonymic entry:

yuccavorus: Schaeffer, 1908: 330 [ISS]

Graphisurus Kirby, 1837: 169 (instead of *Graphisurus* LeConte, 1852: 174 (not Kirby, 1837))

Note. This synonymic statement is incorrect; it follows Linsley & Chemsak's (1995: 11-12) misinterpretation of the type species of *Graphisurus* (see Bousquet 2008: 619-620). See also note above under *Acanthocinus* [P. 204].

Under *Graphisurus despectus* (LeConte in Agassiz, 1850: 2345), one of the synonymic entries:
pusillus: LeConte, 1852: 175 [Mld; not Kirby, 1837] (add a colon)

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Under *Hyperplatys argentinus* (Berg, 1889: 105), the synonymic entry:
canus: Bosq, 1943: 23 [Mld; not Bates, 1863] (add a colon)

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Under *Hyperplatys melzeri* (Gilmour, 1865: 568), the synonymic entry:
nigrosparus: Melzer, 1935: 197 [Mld; not Bates, 1885] (add a colon)

Under *Lagocheirus binumeratus* Thomson, 1860: 9, one of the synonymic entries; and delete one:
tuberculatus: Fabricius, 1787: 131 [Mld; not DeGeer, 1775] (add a colon)
binumeratus Bates, 1872: 210 (not Thomson, 1861) TO BE DELETED

Note. This synonymic entry makes no sense. This means that a species identified as *binumeratus* by Bates (1872: 210) is not *binumeratus* Thomson, 1861 but rather *binumeratus* Thomson, 1861. If Bates really used "*binumeratus*" in another sense than *binumeratus* Thomson, 1861, then it should be put in the synonymic list of another species (with a colon after the species name), not of *binumeratus* Thomson, 1861, but I didn't find such a case in Monné's (2023) Neotropical Catalogue II. However, I found in Neotropical Catal. II (Monné 2023: 74) "*Lagochirus binumeratus*; Bates, 1880: 145" ["e" missing in the genus name] as a different spelling for *Lagocheirus binumeratus*; this may be what this synonymic entry here refers to. If so, it should be deleted since "*Lagochirus* Erichson" is already listed under genus *Lagocheirus* as an incorrect subsequent spelling.

Under *Lagocheirus obsoletus* Thomson, 1861: 10, among the synonymic entries:
undatus Voet, 1778: 11 [JpH, not Linnaeus, 1758, as *Cerambyx* (in *Semanotus*)]

Under *Lagocheirus obsoletus* subsp. *dezayasi* Dillon, 1957: 144, the synonymic entry:
obsoletus: Gahan, 1895: 130 [Mld; not Thomson, 1861] (add a colon)

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Under *Lagocheirus procerus* Casey, 1913: 304, the synonymic entry:
obsoletus: Horn, 1880: 117 [Mld; not Thomson, 1861] (add a colon)

P. 216

Under *Leptostylopsis terraecolor* (Horn, 1880: 122), one of the synonymic entries:
transversatus: LeConte, 1878: 414 [Mld; not Jacquelin Du Val, 1857] (add a colon)

Under *Leptostylus* LeConte, 1852: 168), add a synonymic entry:
Leptostylis: Bradley, 1930: 246 [ISS]

Under *Leptostylus asperatus* (Haldeman, 1847: 46), the synonymic entry:
albescens: Dillon, 1956: 144 [Mld; not Haldeman, 1847] (add a colon)

Leptostylus batesi Casey, 1913: 307 [RN]

And under it, the synonymic entry:

albescens Bates, 1885: 387 [JsH; not Haldeman, 1847]

Note. Casey proposed *Leptostylus batesi* as a replacement name for *L. albescens* Bates, a junior secondary homonym of *L. albescens* (Haldeman, 1847), established in genus *Amniscus*, currently a junior synonym of

Leptostylus transversus (Gyllenhal, 1817). Even if the two species involved are no longer considered congeneric, the secondary homonym is permanently invalid since it was replaced before 1961 and the replacement name is still in use (ICZN 1999, article 59.3).

Under *Leptostylus cratatellus* Bates, 1863: 102, add a synonymic entry:

cratatellus: García Morales, García Giménez, Toledo & Cantú Ayala, 2015: 107 [ISS]

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Under *Leptostylus decipiens* Bates, 1880: 149, the synonymic entry:

transversus: Bates, 1872: 211 [Mld; not Gyllenhal, 1817] (add a colon)

Under *Leptostylus fuligineus* Bates, 1885: 388, the synonymic entry:

fuliginosus: Gilmour, 1965: 573 [ISS]

Under *Leptostylus hilaris* Bates, 1872: 211, add a synonymic entry:

hilarius: Chemsak, Linsley & Noguera, 1992: 140 [ISS] (with a colon)

Under *Leptostylus perniciosus* Monné & Hoffmann, 1981: 259, the synonymic entry:

pleurostictus: Bondar, 1929: 85 [Mld; not Bates, 1863] (add a colon)

Under *Leptostylus pygialis* Bates, 1872: 212, add a synonymic entry:

pygidalis: Odegaard, 2004: 86 [ISS] (with a colon)

P. 218

Under *Leptostylus spermovoratis* Chemsak, 1972: 150, add two synonymic entries:

spermatovoratis: Jansen, 1980: 950 [ISS]

spermornatus: Maes, Allen, Monné & Hovore 1994: 43 [ISS]

Under *Lepturgantes pacificus* Gilmour, 1960: 178, the synonymic entries:

inscriptus: Bates, 1872: 217 [Mld; not Bates, 1863] (add a colon)

fragillimus: Bates, 1874: 230 [Mld; not Bates, 1863] (add a colon)

Under *Lepturges (Chaeturges) inscriptus* Bates, 1863: 371, one of the synonymic entries:

fragillimus: Bates, 1874: 230 [Mld; not Bates, 1863] (add a colon)

Note 1. The original spelling is "*Lepturges fragillimus*, Bates, Ann. Mag. Nat. Hist." on page 230 of Bates (1874).

Note 2. Since "*fragillima* Bates, 1873: 230" under *Lepturgantes pacificus* is a mistake for "*fragillimus* Bates, 1874: 230", there is a problem here. "*fragillimus* Bates, 1874: 230" cannot be a synonymic entry for both *Lepturgantes pacificus* and *Lepturges inscriptus*. It can only be a "synonym" of one or the other, not both.

P. 219

Under *Lepturges (Lepturges)* Bates, 1863: 367, one of the synonymic entries:

Lepturgus: Gemminger in Gemminger & Harold, 1873: 3156 [ISS]

Under *Lepturges (Lepturges) angulatus* (LeConte, 1852: 172), two of the synonymic entries:

symmetricus: Horn, 1880: 126 [Mld; not Haldeman, 1847] (add a colon)

confluens: Knull, 1946: 252 [Mld; not Haldeman, 1847] (add a colon)

Under *Lepturges (Lepturges) inflatus* Bates, 1872: 216, add a synonymic entry:

inflatus: García Morales, García Giménez, Toledo & Cantú Ayala, 2015: 108 [ISS]

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Under *Lepturges (Lepturges) sejunctimacula* Bates, 1881: 167, add a synonymic entry:

sejunctimaculata: Turnbow, Cave & Thomas, 2003: 35 [ISS] (with a colon)

P. 221

Under *Lophopoeum bruchi* Monné & Martins, 1976: 53

timbouvae: Bruch, 1940: 118 [MId; not Lameere, 1884] (add a colon)

Under *Lophopoeum carinatum* Bates, 1863: 275, add a synonymic entry:

carinulatum: Thomson, 1864: 322 [ISS]

Lophopoeum saronotum Bates, 1872: 215 [UEPU]

And under it, add two synonymic entries:

saronoto: Bates, 1872: 215 [IOS]

saronotum: Bates, 1881: 159 [UE]

Note. Bates (1881) proposed *saronotum* as an emendation of *saronoto*. It was an unjustified emendation because there is not clear evidence, without recourse to any external source of information, of an inadvertent error in the original publication itself (ICZN 1999, article 32.5.1). However, since *saronotum* is in prevailing usage and is attributed to Bates (1881), it is deemed to be a justified emendation (article 33.2.3.1).

P. 222

Under *Moneilema appressum* LeConte, 1852: 168, add two synonymic entries:

cylindricolle: Raske, 1967: 243 [ISS of *cylindricollis* Casey, 1913]

parahybridum: Breuning, 1961: 304 [ISS of *parahybrida* Psota, 1930]

Under *Moneilema blapsides blapsides* (Newman, 1838: 397), add a synonymic entry:

blaspoidea: Thomson, 1860: 24 [ISS]

P. 223-224

Under *Moneilema gigas* LeConte, 1873: 230 [p. 222], add a synonymic entry:

pallens: Aurivillius, 1922: 20 [ISS of *pollens* Casey, 1913]

Under *Nealcidion* Monné, 1977: 699, the synonymic entry:

Alcidion: Thomson, 1861: 12 [MId; not Sturm, 1843] (add a colon)

Under *Nealcidion cereicola* (Fisher, 1936: 7), the synonymic entry:

privatum: Bosq, 1934: 339 [MId; not Pascoe, 1866] (add a colon)

P. 224

Under *Neoeutrypanus* Monné, 1977: 695, the synonymic entry:

Eutrypanus: White, 1855: 371 [MId in part, not Erichson, 1847] (instead of "*Eutrypanus* White, 1855: 371 (part) (not Erichson, 1847)"; add a colon)

P. 225

Under *Nyssodrysternum* Gilmour, 1960: 59, add a synonymic entry:

Nyssodrystemum: Wappes, Morris, Nearn & Thomas, 2006: 36 [ISS]

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Under *Nyssodrysternum striatellum* (Tippmann, 1960: 192), add a synonymic entry:

stiatellum: Giuglaris, 2012: 63 [ISS]

P. 227

Under *Oedopeza ocellator* (Fabricius, 1801: 287), add a synonymic entry:

pogonocheiroides: Peck, 2005: 179 [ISS of *pogonocheroides* Audinet-Serville, 1835]

Under *Oedopeza setigera* (Bates, 1864: 147), add a synonymic entry:

seticera: Martinez, 2000: 93 [ISS]

Under *Onalcidion obscurum* Gilmour, 1957: 12, add a synonymic entry:

pictulum: Monné, 1990: 274 [Mld; not White, 1855] (with a colon)

Under *Palame vitticolle* (Bates, 1864: 157), add a synonymic entry:

viticolle: Giuglaris, 2012: 63 [ISS]

P. 228

Under *Paranisipodus acutus* (Thomson, 1865: 544), add a synonymic entry:

auctus: Lacordaire, 1872: 770 [ISS]

Paroecus celebensis (Thomson, 1857: 287)

batesii Thomson, 1864: 26 [UE]

Note. Thomson proposed the name *batesii* as an emendation of *celebensis* in these terms: "*Nomen propter patriae errorem mutatum*" [The name was changed due to a mistake in the country]. This was an unjustified emendation. Rather considered a replacement name ("*nomem nov. pro Astynomus celebensis*") by Monné (2024: 207) in Neotropical Catalogue II.

P. 229

Under *Pseudostylopsis* Dillon, 1956: 220, one of the synonymic entries:

Pseudostylopsis: Arnett, 1962: 872 [ISS]

P. 230

Under *Sporetus colobotheides* (White, 1855: 372), one of the synonymic entries:

colobotheoides: Gemminger in Gemminger & Harold, 1873: 3160 [ISS]

P. 231

Under *Stenolis calligramma* (Bates, 1872: 217), one of the synonymic entries:

decempunctata: Melzer, 1934: 110 [ISS of *decemguttata* Bates, 1885]

P. 232

Sternidius LeConte, 1873: 234 (instead of "... 1873: 234 (part)" / delete "(part)")

And under it, the synonymic entries:

Amniscus: Haldeman, 1847: 46 [Mld; not Dejean, 1835] (add a colon AND delete "(part)")

Leiopus: Haldeman, 1847: 50 [Mld; not Audinet-Serville, 1835] (add a colon AND delete "(part)")

Under *Sternidius decorus* (Fall, 1907: 84), one of the synonymic entries:

centralis: Dillon, 1956: 218 [Mld; not LeConte, 1884] (add a colon)

Under *Sternidius mimeticus* (Casey, 1891: 48), one of the synonymic entries:

crassulus: Horn, 1880: 124 [Mld; not LeConte, 1873] (add a colon)

P. 233

Under *Sternidius subfascianus* (White, 1855: 385), one of the synonyms:

subfasciatus: Lacordaire, 1872: 789 [ISS]

P. 233-234

TAXONOMIC CONTRADICTION in the genus *Styloleptus*

Under *Styloleptus biustus* (LeConte, 1852), one of the synonymic entries:

biustus var. *cubanus* Fisher, 1926: 22 [JsH; not Fisher, 1926: 26, as *Leiopus*]

Under *Styloleptus scurra* (Chevrolat, 1862: 249), one of the synonymic entries:

fisheri Gilmour, 1965: 577 [RN for *Leptostylus biustus* var. *cubanus* Fisher, 1926]

Note. The problem in the synonymic entries above is that *biustus cubanus* Fisher, 1926: 22 and *fisheri* Gilmour, 1965: 577 are objective synonyms since the latter is the replacement name for the former. Therefore, they cannot be respective synonyms of two different species; both must be listed as synonyms of the same species. In Monné's Neotropical Catalogue II (2023: 211), both names are listed as synonyms of *Styloleptus biustus* (LeConte, 1852), and *scurra* Chevrolat, 1862: 249 is combined with genus *Alcidion* Sturm, 1843. However, on titan.gbif.fr website, *scurra* is listed as a representative of *Styloleptus*. The most recent documented combination with *Styloleptus* that I found is that proposed by Devesa et al. (2019: 238), reported in Titan.gbif.fr website (Tavakilian & Chevillote 2024). In his Neotropical Catalog II, Monné (2023: 11) ignored the opinion of Devesa et al. (2019) and combined the species with the genus *Alcidion* without providing any arguments. I have not been able to find a published argument justifying this combination with *Alcidion*.

P. 236

Under *Trypanidius* Blanchard, 1847: 209, the two synonymic entries:

Trypaniduis: Thomson, 1864: 28 [ISS]

Trepanideus: Heyne & Taschenberg, 1907: 243 [ISS]

LGB: Now *Polymitoleiopus* below:

Under *Urgleptes* Dillon, 1956: 332, the synonymic entries:

Leiopus: Lacordaire, 1872: 775 [Mld in part; not Audinet-Serville, 1835] (add a colon AND delete "(part)")

Lepturges: Leng & Hamilton, 1872: 127 [Mld in part; not Bates, 1863] (add a colon AND delete "(part)")

Lepturges: Zayas, 1975: 268 [Mld; not Bates, 1863] (add a colon)

P. 237

Under *Urgleptes guadeloupensis* (Fleutiaux & Sallé, 1889: 472), add a synonymic entry:

guadalupensis: Hilburn & Gordon, 1989: 678 [ISS]

Under *Urgleptes melzeri* Gilmour, 1959: 7, the synonymic entry: LGB - now *Lepturges*

humilis: Melzer, 1935: 201 [Mld; not Bates, 1863] (add a colon)

Under *Urgleptes mixtus* (Bates, 1881: 170), the synonymic entry:

musculus: Bates, 1872: 236 [Mld; not Bates, 1863] (add a colon)

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Under *Urgleptes pluristrigosus* (Bates, 1885: 404), add a synonymic entry:

pleurostigma: Chemsak, Linsley & Noguera, 1992: 149 [ISS]

Urgleptes vauriearum Gilmour, 1960: 10

Note. The species was named after "C. & P. Vaurie who collected so much interesting material in Central America" (Gilmour 1960: 11). The author was either not aware that "C." stands for Charles, or selected the wrong genitive ending "-arum" instead of "-orum", the correct ending for a proper noun in genitive plural when it refers at least to one male person (like here, husband and wife). The name should have been *vaurieorum* but the original spelling must be retained because incorrect spelling of a species name due to incorrect latinization cannot be corrected (ICZN 1999, article 32.5.1).

Under *Xenocona asperipennis* (Fairmaire & Germain, 1860: 513), add two synonymic entries:

polyrhaphoides: Wille, 1943: 255 [Mld; not White, 1855: 394, in *Alcathousiella*] (with a colon)
polygraphoides: Beingolea, 1994: 7 [ISS of a Mld by Wille, 1943; not White, 1855]

P. 239

Under *Acanthoderes* Audinet-Serville, 1835: 29, the synonymic entry; and add one:

Acanthoderus: Laporte, 1840: 461 [ISS]

Scamillus Gistel, 1848: viii [URN for *Acanthoderes* Audinet-Serville, 1835 (as *Acanthoderus*)]

Note. Gistel (1848b) proposed the name *Scamillus* as a replacement name for "*Acanthoderus*: Laporte, 1840", an incorrect subsequent spelling for *Acanthoderes* Audinet-Serville, 1835, because of the presumed homonymy with *Acanthocerus* Palisot de Beauvois, 1818 (Hemiptera). Emendation made in these terms: "*Acanthoderus* (Palisot de Beauvois. Wanze: *Lygaeus sanctus*) bleibt; aber *Acanthoderus* (Serv. Cerambycid.) heißt: *Scamillus* Nob." [*Acanthoderus* (Palisot de Beauvois. Bug: *Lygaeus sanctus*) remains; but *Acanthoderus* (Serv. Cerambycid.) is called: *Scamillus* Nob.].

Under *Acanthoderes* (*Acanthoderes*) *amplitoris* Chemsak & Hovore, 2002: 10, add a synonymic entry:

amplitorsis: García Giménez, Toledo & Cantú Ayala, 2015: 108 [ISS]

Under *Acanthoderes* (*Acanthoderes*) *laportei* Aurivillius, 1923: 385, the synonymic entry:

daviesii: Laporte, 1840: 464 [Mld; not Swederus, 1787] (add a colon)

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Under *Acanthoderes* (*Pardalisa*) Casey, 1913: 302, add a synonymic entry:

Paradalisia: Chemsak & Hovore, 2002: 3 [ISS]

Under *Aegomorphus* Haldeman, 1847: 45, the synonymic entries:

Acanthoderes: Haldeman, 1847: 45 [Mld; not Audinet-Serville, 1835]

Psapharochrus: Casey, 1913: 301 [Mld; not Thomson, 1864] (add a colon)]

Under *Aegomorphus bivittata* (White, 1855: 354), add four synonymic entries:

bivittata: Chemsak & Linsley, 1982: 91 [ISS]

vivittata: Terrón Sierra in González et al., 1997: 223 [ISS of *bivittata*: Chemsak, Linsley & Noguera, 1992]

bivittis: Tavakilian, Berkov, Meurer-Grimes & Mori, 1997: 339 [ISS]

bivittus: Monné & Hovore 2006: 209 [ISS]

Note. See rationale for retaining the original spelling "*bivittata*" as the valid name in "Note" under *Aegomorphus bivittata* (White, 1855: 354) in **Section 5, Gender determination of genus names and agreement of species name endings, P. 240.**

Aegomorphus circumflexus (Jacquelin DuVal in Sagra, 1857: 270) [NP]

rusticus Klug, 1829: 13 [NO]

Under *Aegomorphus galapagoensis galapagoensis* (Linell, 1898: 261), the synonymic entry:

galapagonesis: Mutchler, 1938: 14 [ISS]

Aegomorphus homonymus (Blackwelder, 1946: 610) [RN]

And under it, the synonymic entry:

latevittata Aurivillius, 1923: 35 [JpH; not Aurivillius, 1921: 51, in *Acanthoderes*]

P. 241

Under *Aegomorphus lateralis* (Bates, 1861: 475), one of the synonymic entries:

consentaneus: Prudhomme, 1906: 37 [Mld; not Thomson, 1865] (add a colon)

Under *Aegomorphus peritapnioides* (Linsley, 1958: 49), add two synonymic entries:

peritapnoides: Noguera & Chemsak, 1996: 406 [ISS]

periptanioides: Santos-Silva, Botero & Wappes, 2020: 35 [ISS]

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Under *Aegomorphus socorroensis* (Linsley, 1942: 84), add a synonymic entry:
socorrensis: Linsley & Chemsak, 1966: 252 [ISS]

Under *Aegoschema Aurivillius*, 1923: 610, the synonymic entry:
Aegomorphus: White, 1855: 373 [Mld; not Haldeman, 1847] (add a colon)

Under *Ateralphus dejeani* (Lane, 1973: 397), the synonymic entry:
canescens: Lacordaire, 1872: 741 [Mld; not Bates, 1862] (add a colon)

Under *Azygocera Aurivillius*, 1920: 26, add the following synonymic entry:
Azigocera: Porter, 1932: 40 [ISS]

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Under *Discopus eques* Bates, 1880: 253, add a synonymic entry:
aeques: Soukup, 1942: 309 [ISS]

Under *Dryoctenes scrupulosus* (Germar, 1823: 470), add a synonymic entry:
scropulosus: Ferreira, Conduzza & Martins, 1997: 53 [ISS]

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Under *Eupromerella fuscicollis* (Bates, 1861: 216), add a synonymic entry:
fuscicollis: Giuglaris, 2012: 63 [ISS]

Under *Eupromerella plaumanni* (Fuchs, 1958: 59), add a synonymic entry:
plaumani: Wappes, Morris, Nearn & Thomas, 2006: 33 [ISS]

Under *Exalphus cavifrons* (Bates, 1872: 200), add a synonymic entry:
calvifrons: Souza & Monné, M.L., 2014: 22 [ISS]

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Under *Macronemus asperulus* White, 1855: 376, the synonymic entries:
antennator: Bates, 1872: 206 [Mld; not Fabricius, 1801] (add a colon)

Under *Miguelmonneus insolitus* (Monné, 2001: 1), add two synonymic entries:
inopinatus: Monné, 2001: fig. 1 [IE]
plaumani: Wappes, Morris, Nearn & Thomas, 2006: 33 [ISS]

P. 246

Under *Necalphus asellus* (Pascoe, 1866: 282), the synonymic entry:
ascellus: Gilmour, 1965: 607 [ISS]

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Under *Oplosia* Mulsant, 1863, one of the synonymic entries:
Hoplosia Fairmaire, 1864: 158 [UE]

Penaherreraus Roguet, 2004: 90 [RN]

And under it, the synonymic entry:

Pycnomorphus Thomson, 1864: 15 [JH; not Motschulsky, 1858, Zopheridae]

Under *Peritapnia minima* Chemsak & Linsley, 1978: 26, the synonymic entry:

nudicornis: Horn, 1894: 403 [Mld; not Bates, 1885] (add a colon)

Under *Plistonax* Thomson, 1864: 19, one of the synonymic entry:

Idiomerus Melzer, 1934: 98 [JH, not Imms, 1912, Collembola]

Under *Plistonax inopinatus* Lane, 1960: 47, the synonymic entry:

albolinitus: Zikán & Zikán, 1944: 34 [Mld, not Bates, 1861] (add a colon)

P. 248

CONFUSION involving *Pteridotelus contaminatus* Thomson, 1865: 544 AND *Psapharochrus contaminatus* Thomson, 1865: 543 in the current literature:

Pteridotelus contaminatus Thomson, 1865: 544

Note 1. Checked in the original publication: described on page 544 as follows: "17. *Pteridotelus Contaminatus* (Dej. cat. 1837, p. 362) (Nec *Psapharochrus Contaminatus* Thomson vide ante n° 12.)"

Note 2. In the Neotropical Catalogue II of Monné (2023: 319), this taxon is also listed as a valid species.

Note 3. On Titan.gbif.fr website, listed as the original combination of a junior synonym of *Scythropopsis melanostictica* (White, 1855). LGB- checklist following titan; deleted *contaminatus* Th from *Pteridotelus*

Under *Punctozotroctes inhamum* Martins, Galileo & Limeira-de-Oliveira, 2009: 241, add a synonymic entry:

hovorei: Martins & Galileo, 2007: 188 [Mld; not Bates, 1862] (with a colon)

Note. addition taken from Monné (2023: 320) in Neotropical Catalogue II.

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Under *Scythropopsis melanostictica* (White, 1855: 361), the synonymic entry, and add a synonymic entry: *contaminatus* Thomson, 1865: 543

Note 1. Checked in the original publication: described on page 543 as follows: "12. *Psapharochrus Contaminatus* (Nec Dejean *Acanthoderes*)"

Note 2. In the Neotropical Catalogue II of Monné (2023: 262), this taxon is rather listed as *Psapharochrus contaminatus* Thomson, 1865: 543, the original combination of the valid *Aegomorphus contaminatus* (Thomson, 1865), NOT as a junior synonym of *Scythropopsis melanostictica* (White, 1855).

Note 3. On Titan.gbif.fr website, also listed as the original combination of the valid *Aegomorphus contaminatus* (Thomson, 1865), NOT as a junior synonym of *Scythropopsis melanostictica* (White, 1855).

melanosticta: Gemminger in Gemminger & Harold, 1873: 3146 [ISS]

Under *Scythropopsis sallei* (Thomson, 1865: 543), the synonymic entry:

sallaei: Bates, 1880: 141 [ISS]

Under *Steirastoma* Lacordaire, 1830, one of the synonymic entries:

Stirastoma Gemminger in Gemminger & Harold, 1873: 3143 [UE]

Under *Steirastoma meridionale* Aurivillius, 1908: 9, one of the synonymic entries:

depressum: Heyne & Taschenberg, 1906: 243 [Mld; not Fabricius, 1781] (add a colon)

Steirastoma thunbergii Thomson, 1865: 543 (instead of *Steirastoma thunbergi*) (spelling checked in the original publication).

And add the following new synonymic entries:

thumbergii Thomson, 1865: 543 [IOS]

thunbergii: Lacordaire, 1872: 749 [ISSPU]

thunbergi: Gemminger in Gemminger & Harold, 1873: 3144 [ISS]

Note. "*thumbergii*" is the original spelling used by Thomson (1865: 543). Since there is no evidence in the publication itself, without recourse to any external source of information, clear evidence that it was an

inadvertent error for "thunbergii", the name cannot be the subject of a justified emendation (ICZN 1999, articles 32.5.1; 33.2.1). "Thunbergii" is an incorrect subsequent spelling first introduced by Lacordaire (1872: 749) and is therefore unavailable (articles 19.1), but since it became in prevailing usage (see Monné 2024: 380 in Catal. Ceramb. Neotr. Reg. II,) and attributed to the publication of the original spelling, the subsequent spelling and attribution are to be preserved and the spelling is deemed to be a correct original spelling (article 33.3.1).

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Under *Taurorcus* Lacordaire, 1830, one of the synonymic entries:

Taurorgus Gemminger in Gemminger & Harold, 1873: 3147 [UE]

Under *Tetrasarus pictulus* Bates, 1880: 143, the synonymic entry:

quadriscopulatus: Bates, 1872: 208 [MId; not Thomson, 1868] (add a colon)

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Under *Acrocinus* Illiger, 1806: 247, the synonymic entry:

Macropus Thunberg, 1805: 282 [JH; not Shaw, 1790, Mammalia]

Under *Macropophora* Thomson, 1864: 15, the synonymic entry:

Macropus Audinet-Serville, 1835: 18 [JH; not Shaw, 1790, Mammalia; not Thunberg, 1805, Cerambycidae]

Under *Oreodera aerumnosa* Erichson, 1847: 142, add a synonymic entry:

acrumnosa: Dall'Oglio & Peres Filho, 1997: 51 [ISS]

P. 252

Under *Oreodera hoffmanni* (Thomson, 1861: 28), add a synonymic entry:

hofmanni: Gemminger in Gemminger & Harold, 1873: 3140 [ISS]

P. 253

Under *Aerenica* Dejean, 1835: 352, one of the synonymic entries:

Aerenasius: Martins & Galileo, 1985: 464 [ISS of *Aerenaesius* Gilmour, 1962]

P. 254

Under *Antodice* Thomson, 1864: 128, the synonymic entries:

Antodyce: Bates, 1881: 299 [ISS] [instead of "*Antodyce* Aurivillius, 1920: 41"]

Note. Bates (1881) was the first author to use the wrong spelling "*Antodyce*" before Aurivillius (1920: 41).

Spathoptera: Laporte, 1840: 494 [MId; not Audinet-Serville, 1835] (add a colon)

Under *Antodice kyra* Martins & Galileo, 1998: 44, one of the synonymic entries:

kira: Julio, Giorgi & Monné, M.A., 2000: 32 [ISS]

Under *Antodice sexnotata* Franz, 1959: 187, the synonymic entry:

sexmaculata: Martins & Galileo, 1985: 90 [ISS]

P. 255

Under *Aphilesthes* Bates, 1881: 145, the synonymic entries:

Aphilestes: Aurivillius, 1923: 598 [ISS]

Amphilestes: Blackwelder, 1946: 626 [ISS]

Aphilestes: Gilmour, 1965: 646 [ISS]

P. 256

Under *Montesia bosqi* Seabra, 1961: 264, add two synonymic entries:

bosoi: Monné, 1979: 416 [ISS]

bosqui: Monné, M.A., 2005: 237 [ISS]

Under *Phaula microsticta* (Lane, 1973: 426), add a synonymic entry:

microstictica Martins, 1984: 316 [ISS]

Under *Phaula thomsoni* Lacordaire, 1872: 898, one of the synonymic entries:

lichenigera: Thomson, 1864: 120 [Mld; not Perty, 1832] (add a colon)

Under *Recchia* Lane, 1966: 232, one of the synonymic entries:

Aerenica: Thomson, 1857: 312 [Mld; not Dejean, 1835] (add a colon)

P. 257

Rumacon Blackwelder, 1946: 627 [RN]

And under it, the synonymic entry:

Spegazziniella Bruch, 1926: 347 [JH; not Jørgensen, 1913, Hymenoptera]

Under *Rumacon canescens* (Bruch, 1926: 348), one of the synonymic entries:

acutipennis: Tippmann, 1960: 206 [Mld; not Gahan, 1889] (add a colon)

P. 259

Under *Hippopsis lemniscata* (Fabricius, 1801: 330), add two synonymic entries:

lemnistica: Hamilton, 1895: 320 [ISS]

lineola: Fattig, 1947: 41 [ISS of *lineolata*: Bates, 1872, not Lepeletier & Audinet-Serville in Latreille, 1825]

Under *Pachypeza* Audinet-Serville, 1835: 42, add a synonymic entry:

Pachypexa: Blackwelder, 1946: 605 [ISS]

Under *Neoamphion* Monné, 2005: 254, the synonymic entry:

Amphion Reiche, 1839: 564 [JH; not Hübner, 1829, Lepidoptera]

Under *Neoamphion triangulifer* (Aurivillius, 1908: 7), the synonymic entry:

boliviana: Breuning, 1980: 68 [Mld; not Breuning, 1962] (add a colon)

P. 260

Under *Spalacopsis* Newman, 1842: 303, three of the synonymic entries:

Spacalopsis: LeConte, 1852: 145 [ISS]

Eutheia Dejean, 1835: 353 [JH; not Stephens, 1830, Staphylinidae]

Euthorus Jacquelin DuVal in Sagra, 1857: 276 [RN for *Eutheia* Dejean, 1835]

Systeme Pascoe, 1858: 264 [RN for *Eutheia* Dejean, 1835]

Under *Spalacopsis phantasma* Bates, 1885: 371, add a synonymic entry:

phantoma: Aurivillius, 1923: 361 [ISS]

P. 261

Under *Anisocerus* Lacordaire, 1830: 181, add a synonymic entry:

Anisaerus: Drapiez, 1837: 221 [ISS]

Under *Anisocerus scopifer* (Germar, 1823: 376), one of the synonymic entries:

scopigera: Lacordaire, 1872: 723 [ISS]

P. 262

Under *Demophoo hammatus* (Chabrillac, 1857: 199), the synonymic entry, and add one:

hamatus: Thomson, 1864: 21 [ISS]

armatus: Thomson, 1878: 19 [ISS]

Fredlanella Martins & Galileo, 1996: 305 [RN]

And under it, the synonymic entry:

Taperinha Lane, 1964: 179 [JH; not Linnavouri, 1959, Homoptera]

Under *Hoplistocerus prominulosus* Lane, 1950: 95, the synonymic entry:

prominulus: Gilmour, 1965: 620 [ISS]

P. 263

Under *Phacellocera* Laporte, 1840: 468, the synonymic entry:

Phacelocera: Blanchard, 1845: 156 [ISS]

Under *Trigonocephalus* White, 1855: 403, the synonymic entry:

Aneptius: Thomson, 1864: 352 [ISS of *Anepsius* Bates, 1862]

P. 264

Under *Adetaptera fulvosticta* (Bates, 1885: 341), add a synonymic entry:

fulvostictica: Breuning, 1960: 181 [ISS]

Under *Adetaptera laevipunctata* (Breuning, 1940: 37), add a synonymic entry:

laevipunctata: Chemsak, Linsley & Noguera, 1992: 116 [ISS]

Under *Adetus* LeConte, 1852: 161, among the synonymic entries:

Polyopsia: Haldeman, 1847: 55 [Mld; not Mulsant, 1839] (add a colon)

Pterichthya: Bates, 1880: 109 [ISS of *Pterichthya* Thomson, 1868]

Pterichtya: Aurivillius, 1922: 290 [ISS of *Pterichthya* Thomson, 1868]

P. 265

Under *Adetus bacillarius* Bates, 1885: 344, add a synonymic entry:

bacillarius: Audureau, 2008: 14 [ISS]

Under *Adetus furculicauda* (Bates, 1880: 110), the synonymic entry:

furculicauda: Breuning, 1960: 181 [ISS]

Under *Adetus lherminieri* Fleutiaux & Sallé, 1889: 468, add a synonymic entry:

grossepuncta: Chemsak, Linsley & Noguera, 1992: 114 [ISS]

P. 266

Under *Adetus pictus* Bates, 1880: 109, add a synonymic entry:

pictus m. *exultus*: Breuning, 1960: 180 [ISS of *exultus* Bates, 1880]

Under *Aletretropsis* Breuning, 1940: 154, the synonymic entry:

Aletretropsis: Breuning, 1960: 174 [ISS]

P. 267

Apomorrisia Santos-Silva & Nascimento, 2022: 399 [RN]

And under it, the synonymic entry:

Morrisia Santos-Silva, Nascimento & Wappes, 2019: 16 [JH; not Davidson, 1852, Brachiopoda]

P. 269

Catuaba sanguinolenta Martins & Galileo, 2003: 135 [COS] (instead of "*Catuaba sanguinoloenta* Martins & Galileo, 2003: 135")

And add a synonymic entry:

sanguinoloenta: Martins & Galileo, 2003: 135 [IOS] (with a colon)

Note. Two different spellings appeared in the article of the original description of this species. The spelling *sanguinoloenta* appeared as the main entry but "*sanguinolenta*" was used three times in the rest of the article. Since Monné (2005: 297), in his catalogue, listed *sanguinolenta* as the valid name and placed "*sanguinoloenta*" as a synonym, he is deemed, as First Reviser, to have considered the spelling "*sanguinoloenta*" as the result of an error and to have selected "*sanguinolenta*" as the correct original spelling (ICZN 1999, article 24.2.3). Thus, "*sanguinoloenta*" became the incorrect original spelling and is therefore an unavailable name.

Dorcasta Pascoe, 1858: 264 [NP]

And under it, among synonymic entries:

Gnaphalocera Dejean, 1835: 349 [NN]

Note. this name is a *nomen nudum* (not described and not including an available species (ICZN 1999, article 12.2.5).

Gnaphalocera Chevrolat in d'Orbigny, 1845: 245 [NO]

Dorcasta dasycera (Erichson in Schomburgk, 1848: 574) [NP]

And among the synonymic entries:

lincta Dejean, 1835: 349 [NN] [instead of *linta* Dejean, 1835: 349 / spelling checked in the original publication]

linta Chevrolat in d'Orbigny, 1845: 245 [NO]

P. 271

Under *Ptericoptus* Lacordaire, 1830: 185, the synonymic entry; and add one:

Ptericoptus Gemminger in Gemminger & Harold, 1873: 3101 [UE]

Pterycoptus: Desmarest in Chenu, 1860: 326 [ISS]

Ptericoptus crassicornis (Fabricius, 1803: 84) [RN]

And under it, one of the synonymic entry:

clavicornis Fabricius, 1801: 323 [JpH; not Fabricius, 1775, *Anubis*, Callichromatini]

Under *Ptericoptus meridionalis* Breuning, 1939: 233, add a synonymic entry:

hibridus meridionalis: Di Iorio in Cordo et al., 2004: 65 [ISS]

P. 273

Under *Typophaula melancholica* Thomson, 1868: 152, one of the synonymic entries:

dejeanii Thomson, 1868: 153 [conditionnal RN for *Typophaula melancholica* Thomson, 1868]

P. 274

Under *Callia batesi* Blackwelder, 1946: 626 [RN]

And under it, the synonymic entry:

minuta Melzer, 1930: 207 [JpH; not Bates, 1872, as *Estola*]

P. 276

Under *Chereas* Thomson, 1864: 124, the synonymic entry:

Atelodesmis: Thomson, 1860: 62 [MId; not Buquet, 1857] (add a colon)

Under *Drycothaea stictica stictica* Bates, 1881: 193, add a synonymic entry:

stictia: Cools, 1993: 96 [ISS]

Drycothaea truncatipennis Tavakilian, 1997: 136 [RN]

And under it, the synonymic entry:

stictica Breuning, 1942: 163 [JsH; not Bates, 1881, as *Estola*]

P. 277

Under *Euryestola* Breuning, 1940: 180, the synonymic entry:

Euroyestola Breuning, 1963: 510 [ISS]

Under *Gryllica* Thomson, 1860: 120, the synonymic entry:

Esmia: Thomson, 1864: 100 [Mld; not Pascoe, 1859] (add a colon)

Under *Gryllica prava* Lane, 1973: 470, the synonymic entry:

metallica: Dillon & Dillon, 1946: 156 [Mld; not Pascoe, 1858] (add a colon)

Under *Harringtonia myia* (Dillon & Dillon, 1946: 163), add a synonymic entry:

miya: Galileo & Martins, 1991: 250 [ISS]

P. 278 LGB the following taxon is now placed as *Glenea (Glenea) fasciata* (Fabricius, 1781)

BEFORE genus *Hirticallia*, insert the following forgotten taxa:

Hemilocallia Hernandez, Santos-Silva & Nascimento, 2019: 90

grishami Hernandez, Santos-Silva & Nascimento, 2019: 92

Note. The genus is described on the 4th page of the first PDF edition (maybe the pre-publication edition), but it corresponds to page 90 in the original paper publication, and the species is described on the 6th page of the PDF corresponding to page 92 (Ann. Soc. Entomol. France (n. ser.) 55). The pagination of the PDF available now on the publisher's website (Taylor & Francis online) was modified from 1–13 to 87–99 in order to match the publication of the paper edition. It is recommended by Krell (2015) to use the final page numbers, since they are better finding aids, when pagination in an available electronic work differs from the pagination of the same work subsequently assigned to a particular journal issue.

Under *Micatocomus* Galileo & Martins, 1988: 511, add a synonymic entry:

Micatomus: Monné, M.A., 2005: 331 [ISS]

P. 279

Rumuara Martins & Galileo, 2006: 214 [RN]

And under it, the synonymic entry:

Paracladus Martins & Galileo, 1990: 480 [JH; not Carpenter, 1966, Orthoptera]

P. 280

Colobothea Lepeletier & Audinet-Serville in Latreille, 1825: 336 [ISSPU]

And under it, add three synonymic entry:

Colobotea Lepeletier & Audinet-Serville in Latreille, 1825: 336 [IOS]

Colobothea Gray, 1832: 110 [COS / ISSPU]

Colobothaea: Guérin-Méneville, 1855: 600 [ISS]

P. 281

Under *Colobothea hondurena* Giesbert, 1979: 436, add a synonymic entry:

hondurana: Chemsak, Linsley & Noguera, 1992: 150 [ISS]

Under *Colobothea musiva* (Germar, 1823: 488), add a synonymic entry:

muciva: Chemsak, Linsley & Noguera, 1992: 150 [ISS]

Under *Colobotheca osculatii* Guérin-Ménéville, 1855: 600, add a synonymic entry:
obsculatii: Gilmour, 1965: 629 [ISS]

P. 282

Under *Colobotheca scolopacea* Erichson, 1847: 149, add two synonymic entries:
scolopacea: Aurivillius, 1923: 455 [ISS]
scopalacea: Gilmour, 1965: 629 [ISS]

Under *Confluentia colombiana* (Gilmour, 1950: 552), add two synonymic entries:
columbiana: Gilmour, 1954: 85 [ISS]
colombina: Fuchs, 19564: 576 [ISS]

P. 283

Under *Piriana mima* (Belon, 1903: 68), the synonymic entry:
mima: Gilmour, 1965: 631 [ISS]

Under *Piriana tricusps* (Belon, 1903: 70), the synonymic entry:
bicusps: Aurivillius, 1923: 457 [ISS]

Under *Sangaris* Dalman, 1823: 71, the synonymic entry:
Songaris: Thomson, 1868: 201 [ISS]

Under *Sangaris biguttata* Bates, 1865: 219, one of the synonymic entries:
binoculata: Zajciw, 1967: 118 [Mld; not Bates, 1865] (add a colon)

Under *Sangaris concinna* Dalman, 1823: 71, the synonymic entry:
histro: Gilmour, 1965: 625 [ISS of *histrion* Perty, 1832]

P. 284

Under *Sparna lycoides* Thomson, 1864: 30, add a synonymic entry:
locoides: Gilmour, 1965: 631 [ISS]

Aerenea Thomson, 1857: 298 [ISSPU]

And under it, one of the synonymic entries; and add two:

Aerenaea Thomson, 1857: 298 [IOS]

Aerenea: Thomson, 1860: 35 [COS / ISSPU]

Pythoides: Breuning, 1961: 289 [ISS of *Pythaidos* Brethes, 1920]

P. 285

Under *Aerenea subcostata* Melzer, 1932: 219, add a synonymic entry:
subcostalis: Zikán & Zikán, 1944: 29 [ISS]

Brasiliosoma Breuning, 1960: 181 [RN]

and under it, the synonymic entry:

Phrynosoma Breuning, 1948: 2 [JH; not Wiegmann, 1828, Reptilia]

Under *Compsosoma* Lacordaire, 1830: 183, add a synonymic entry:
Campsosoma: Buck, 1959: 599 [ISS]

Under *Compsosoma perpulchrum* (Vigors, 1825: 418), add a synonymic entry:
perpulchrum: Piza, 1968: 19 [ISS]

Under *Compsosoma v-notatum* (Vigors, 1825: 417), the synonymic entries:
notatum: White, 1846: 48 [ISS]

5-notatum: Thomson, 1857: 75 [ISS]

Under *Cristaerenea* Breuning, 1949: 26, the synonymic entry:

Cognataerenea: Breuning, 1980: 24 [Mld; not Breuning, 1971] (add a colon)

Under *Cristaerenea cognata* (Pascoe, 1859: 36), add three synonymic entries:

hypsiomioides: Breuning, 1949: 27 [ISS of *hypsiomoides* Thomson, 1868]

hypsiomoides: Breuning, 1961: 291 [ISS of *hypsiomoides* Thomson, 1868]

hypsiomoides: Breuning, 1980: 25 [ISS of *hypsiomoides* Thomson, 1868]

P. 286

Under *Pythais* Thomson, 1857: 71, the synonymic entry:

Pithais: Gounelle, 1908: 7 [ISS]

Under *Tessarecphora* Thomson, 1857: 77, add the following synonymic entry:

Campsosoma: Lucas, 1859: 189 (part) [ISS]

Campsomera Lucas, 1859: pl. XIII, fig. 3 (typogr. error for *Campsosoma*: Lucas, 1859: 189)

Under *Tucales* Gounelle, 1908: 13, the synonymic entry:

Variella: Breuning, 1961: 291 [ISS of *Vaziella* Prosen, 1954]

Under *Tucales pastranai* (Prosen, 1954: 34), the synonymic entry:

postrarvi: Breuning, 1961: 291 [ISS]

P. 289

Under *Cicuiara striata* (Bates, 1866: 191), the synonymic entry:

stritata: Galileo & Martins, 1996: 875 [ISS]

P. 290

Under *Desmiphora* (*Desmiphora*) Audinet-Serville, 1835, among the synonymic entries:

Desmophora Gemminger in Gemminger & Harold, 1873: 3107 [UE]

Pyrrhacita: Gemminger in Gemminger & Harold, 1873: 3107 [ISS of *Pyrracita* Thomson, 1868]

Terchaetes: Lacordaire, 1872: 623 [ISS of *Therchaetes* Thomson, 1868]

Under *Desmiphora* (*Desmiphora*) *circumspecta* (Lane, 1973: 383), among the synonymic entries:

circumspecta: Galileo & Martins, 1993: 77 [ISS]

Desmiphora (*Desmiphora*) *crinita* Giesbert, 1998: 34 [JsH; not Chevrolat, 1861: 252]

Note. A replacement name must be proposed for this species (see Note below under *Desmiphora* (*Desmiphora*) *intonsa*).

Under *Desmiphora* (*Desmiphora*) *intonsa* (Germar, 1823: 484), the synonymic entry; add a synonymic entry:

crinitus Chevrolat, 1861: 252 [instead of "Dejean in Chevrolat, 1862: 252" / delete "Dejean in"]

Note 1. Concerning the publication date of *Euchaestes crinitus* Chevrolat, the *Journal of Entomology* vol. 1 No 4 (pp. 207-302) was issued in December 1861 according to the wrapper.

Note 2. Dejean actually first proposed the name *Euchaestes crinitus* in 1835 [note the spelling of the genus name] in his Second Catalogue on page 340, and included it again in his Third Catalogue (Dejean 1836: 366), but it was a *nomen nudum* because the species name was not described. When providing a description under "*Euchaestes crinitus*, Dej. Cat. 3 éd. p. 366.", Chevrolat (1861: 252) unequivocally made the act of publication for the taxa *Euchaestes* and *crinitus*, making them available and *crinitus* the type species of genus *Euchaestes* Chevrolat, 1861 by monotypy. *Desmiphora crinita* Giesbert, 1998 is therefore a junior secondary homonym of *Euchaestes crinitus* Chevrolat, 1861 and a replacement name should be proposed.

intensa: Zikán & Zikán, 1944: 26 [ISS]

P. 292

Estola hirsutella Aurivillius, 1922: 319 [RN]

And under it, the synonymic entry:

hirsuta Fairmaire & Germain, 1859: 525 [JsH; not DeGeer, 1775 (as *Cerambyx hirsutus*)]

Estola insularis subnigrescens Breuning, 1974: 109 [RN]

And under it, the synonymic entry:

insularis nigrescens Linsley & Chemsak, 1966: 229 [JpH; not Breuning, 1943]

P. 293

Estola obscurella Monné & Giesbert, 1992: 319 [RN]

And under it, the synonymic entry:

obscura Thomson, 1868: 123 [JsH; not Fabricius, 1792, as *Cerambyx obscurus*]

Estola subannulicornis Breuning, 1963: 507 [RN]

And under it, the synonymic entry:

annulicornis Breuning, 1950: 173 [JpH; not Fisher, 1942]

Under *Estola seriata* Kirsch, 1875: 287, the synonymic entry:

sericata: Lameere, 1883: 62 [ISS]

Under *Estoloides esthlogenoides* Breuning, 1943: 56, add a synonymic entry:

esthlogeniodes: Chemsak, Linsley & Noguera, 1992: 119 [ISS]

P. 294

Under *Estoloides nayeliae* Santos-Silva, Wappes & Galileo, 2018: 462, add a synonymic entry:

nayeliaei: Bezark, 2019: 413 [ISS]

P. 295

Under *Eupogonius nigritarsis* Fisher, 1926: 10, add a synonymic entry:

nigritarsus: Chemsak, Linsley & Noguera, 1992: 120 [ISS]

Under *Eupogonius pauper* LeConte, 1852: 159, one of the synonymic entries:

vestita Say, 1826: 273 [JpH; not Say, 1824, as *Saperda*]

P. 296

Heteresmia Monné, 2005: 414 [RN]

And under it, the synonymical entry:

Esmia Pascoe, 1859: 55 [JH; not Leach, 1847, Mollusca]

P. 298

Monnetyra Galileo & Martins, 2006: 23 [RN]

And under it, the synonymic entry:

Anhanga Galileo & Martins, 2003: 375 [JH; not Distant, 1887, Hemiptera]

Neocolobura Monné, 2005: 421 [RN]

and under it, the synonymic entry:

Colobura Blanchard in Gay, 1851: 511 [JH; not Billberg, 1820, Lepidoptera]

P. 299

Under *Panegyrtes sparsepunctatus* Breuning, 1940: 179, the synonymic entry:

lactescens: Breuning, 1974: 163 [Mld; not Thomson, 1868] (with a colon) (instead of "*lactescens* Thomson, 1868: 133" AND MOVE "*lactescens* Thomson, 1868: 133" AS A VALID SPECIES after *Panegyrtes fraternus* Galileo & Martins, 1995)

Note. *Panegyrtes lactescens* Thomson, 1868 is a valid species and type species of the genus (see Monné 2023: 653-654 in Neotropical Catalogue II). It was inadvertently put in synonymy with *sparsepunctatus* Breuning, 1940 in the Checklist. Actually, it is "*lactescens*: Breuning, 1974: 163 (not Thomson, 1868)" which should appear as a synonymic entry under *Panegyrtes sparsepunctatus* Breuning, 1940 because the name used by Breuning in 1974 corresponds to a misidentification of a species he described in 1940.

Under *Parablabicentrus angustatus* (Bates, 1866: 193), add a synonymic entry:

angustulus: Monné, M.A., 1994: 67 [ISS]

Piruauna Galileo & Martins, 1998: 150 [instead of "*Piruana* ..."]

And under it, add a synonymic entry:

Piruana: Martins, Galileo & Limeira-de-Oliveira, 2009: 518 [ISS]

Under *Psenocerus supernotatus* (Say, 1823: 425), among the synonymic entries:

pini: LeConte, 1852: 158 [Mld; not Olivier, 1800] (add a colon).

Note. Instead of "not Olivier, 1795". See the introduction to **Section 3, sub-section D. Adjustments to dates and pages of description of the species described by G.A. Olivier in the fourth volume of "*Entomologie, ou histoire naturelle des insectes*."**

P. 300

Under *Spinestoloides* Breuning, 1954, add the synonymic entry:

Antillestoloides Santos-Silva, Wappes & Galileo, 2018: 459 [RN for *Minestoloides* Breuning, 1980]

P. 301

Under *Dorcaschema alternatum* (Say, 1824), add a junior synonym:

leptocera Chevrolat in d'Orbigny, 1844: 110

Note. This was a species name listed in Dejean (1835: 348) under genus *Dorcaschema* without description and therefore genus and species names were not available from this work (nomina nuda). Subsequently made available by Chevrolat (1844: 110) in *Tome 5* of the *Dictionnaire universel d'histoire naturelle* where he gave a short but nevertheless sufficient description (ICZN 1999, article 12.1) under the genus *Dorcaschema*, thereby making this genus available under the provisions of article 12.2.6 [combined definition of a new nominal genus and a single new nominal species] and thus making *leptocera* the type species of the genus by monotypy. *Dorcaschema leptocera* proposed as a junior synonym of *D. alternata* (Say) by Haldeman (1847: 54), synonymy confirmed by Chevrolat (1862: 192). The essentials of this information already published by Bousquet *et al.* (2017: 153).

Elytracanthini Bousquet in Bousquet *et al.*, 2009: 30 [RN]

And under it, add the following synonym:

Elytracanthinae Lane, 1955: 281 [PI]

Elytracanthina Monné, 2005: 428 [RN]

And under it, the synonymic entry:

Elytracantha Lane, 1955: 281 [JH; not Kleine, 1913, Brentidae]

Under *Iquiracetima* Galileo & Martins, 1995: 140, add a synonymic entry:

Iquaratecima: Wappes, Galileo & Santos-Silva, 2006: 41 [ISS]

P. 302

Under *Neohebestola* Marinoni, 1977: 46, the synonymic entry:

Hebestola: Blanchard in Gay, 1851: 513 [Mld; not Haldeman, 1847] (add a colon)

P. 304

Under Hemilophini Thomson, 1868: 189, one of the synonymic entries; and add one:

Amphionychitae Thomson, 1860: 41 (key), 63 [NO] (instead of Amphionychini Thomson, 1860: 63)

Hemilophitae Thomson, 1868: 189 [NP]

Under *Abycendaua duplicata* (Bates, 1881: 294), add a synonymic entry:

dulpicatus: Gilmour, 1965: 634 [ISS]

Under *Adesmus* Lepeletier & Audinet-Serville in Latreille, 1825: 335; among the synonymic entries:

"*Amphionycha* Thomson, 1861: 64" must be removed if it only appears in the synonymic list because it was assumed to be a spelling different from the original one. This is a wrong assumption since "*Amphionycha* Thomson" is just a subsequent exact citation of Dejean, 1835: 352.

P. 305

Under *Adesmus clathratus* (Gistel, 1848: 624), add a synonymic entry:

calligata: Viana, 1972: 398 [ISS of *colligata* Redtenbacher, 1868]

P. 306

Under *Alampyris melanophiloides* (Thomson, 1868: 197), add a synonymic entry:

melanophilus: Thomson, 1878: 15 [ISS]

P. 307

Under *Apeba togata* (Klug, 1825: 464), add a synonymic entry:

tagita: Desmarest in Chenu, 1860: pl. 23, fig. 1 [ISS]

Under *Calocosmus* Chevrolat, 1862: 250, add a synonymic entry:

Calocosmos: Leng & Mutchler, 1914: 451 [ISS]

Under *Calocosmus hispaniolae* Fisher, 1925: 15, add a synonymic entry:

hispanidae: Russo, 1930: 144 [ISS]

P. 308

Under *Calocosmus speciosus* Chevrolat, 1862: 252, the synonymic entry:

venustus: Jacquelin Du Val in Sagra, 1857: 275 [Mld; not Chevrolat, 1838] (add a colon).

Under *Cathopteron* Hamilton in Leng & Hamilton, 1896: 162, the synonymic entry:

Cathstopteron: Arnett, 1962: 873 [ISS]

Under *Cephalodina crassiceps* Bates, 1881: 213, the synonymic entry:

capito: Bates, 1872: 231 [Mld; not Bates, 1866] (add a colon).

P. 309

Cotyadesmus Martins & Galileo, 2005: 16 [RN]

And under it, the synonymic entry:

Paradesmus Galileo & Martins, 2003: 267 [JH; not Saussure, 1869, Myriapoda]

P. 310

Egalicia Lane, 1974: 537 [RN]

And under it, the two synonymic entries:

Alicia Thomson, 1864: 125 [JH; not Johnson, 1861, Cnidaria]

Tetralicia Aurivillius, 1923: 588 [RN for *Alicia*] [JH; not Harrison, 1917, Hemiptera]

P. 311

Under *Esamirim chionides* (Bates, 1885: 430), the synonymic entry, and add one:

chionidis: Aurivillius, 1923: 589 [ISS]

chionide: Chemsak, Linsley & Noguera, 1992: 157 [ISS]

P. 312

Under *Hemierana* Aurivillius, 1923: 594, the synonymic entry:

Amphionycha: Haldeman, 1847: 57 [Mld; not Dejean, 1835] (add a colon).

Under *Hilarolea incensa* (Perty, 1832: 97), add a synonymic entry:

encensa: Thomson, 1868: 200 [ISS]

P. 313

Under *Iarucanga* Martins & Galileo, 1991: 564, the synonymic entry:

Spathoptera: Bates, 1866: 368 [Mld; not Audinet-Serville, 1835] (add a colon).

Under *Isomerida* Bates, 1866: 373, the synonymic entry; and add one:

Spathoptera Thomson, 1868: 190 (part) [Mld; not Audinet-Serville, 1835] (add a colon).

Spathopta: Germar in Guérin-Méneville, 1839: 330 [ISS of *Spathoptera* Thomson, 1868, not Audinet-Serville, 1835]

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Under *Itumbiara plumosa* (Bates, 1881: 291), the synonymic entry:

fimbriata: Zikán & Zikán, 1944: 41 [Mld; not Bates, 1881] (add a colon).

Under *Kyranycha fraudatrix* (Bates, 1881: 218), the synonymic entry:

lineatus: Bates, 1872: 233 [Mld; not Bates, 1874] (add a colon)]

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Under *Lapazina* Lane, 1973: 409, add a synonymic entry:

Ampionycha: Aurivillius, 1909: 11 [ISS of *Amphionycha*: Bates, 1881]

Under *Lycaneptia nigrobasalis* Tippmann, 1960 : 203, the synonymic entry:

quadricostata: Martins & Galileo, 1991: 588 [Mld; not Tippmann, 1953] (add a colon)

Under genus *Lycidola* Thomson, 1864

"*superbus* Melzer, 1927: 581" to be removed (in fact, a junior synonym of *Ites plagiatus* Waterhouse, 1880, under which it is already listed in the Checklist on the previous page (p. 314)).

P. 316

Neomoema Martins & Galileo, 1996: 306 [RN]

And under it, the synonymic entry:

Moema Galileo & Martins, 1992: 594 [JH; not Costa, 1989, Actinopterygii [Pisces]]

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Under *Phoebe luteola* Bates, 1881: 215, the synonymic entry:

lutaria: Bates, 1881: 302 [ISS]

Under *Phoebella phoebe* (Lepeletier & Audinet-Serville in Latreille, 1825: 335, one of the synonymic entries:

octomaculata Audinet-Serville, 1835: 37 [URN for *Saperda phoebe* Lepeletier & Audinet-Serville, 1825]

Under *Piratininga* Galileo & Martins, 1992: 16, add a synonymic entry:

Pirantininga: Wappes, Arias & Nearn, 2009: 4 [ISS]

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Under *Pyrobolus fumigatus* (Germar, 1823: 491), add a synonymic entry:

suturalis: Gilmour, 1965: 637 [ISS of *suturata* Bates, 1881]

Under *Quatiara* Lane, 1972: 372, the synonymic entry:

Amphionycha: Leséleuc, 1844: pl. 138 [Mld; not Dejean, 1835] (add a colon).

Under *Quatiara luctuosa* (Leséleuc, 1844: pl. 138), the synonymic entry:

leseleuci Aurivillius, 1923: 590 [URN]

Under *Sybaguasu* Martins & Galileo, 1991: 621, add a synonymic entry:

Sybaguassu: Galileo & Martins, 1999: 111 [ISS]

Under *Sybaguasu murinum* (Pascoe, 1866: 288), the synonymic entry:

minima: Bates, 1881: 305 [ISS]

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Under *Themistonoe* Thomson, 1864: 126, add a synonymic entry:

Themnistonoe: Linsley, 1961: 634 [ISS]

Under *Tyrinthia xanthe* Bates, 1881: 223, add a synonymic entry:

cyrinella: Pittier & Biolley, 1895: 29 [ISS of *lycinella* Bates, 1881]

Under *Tyrinthia photurina* Bates, 1885: 434, add a synonymic entry:

proturina: Chemsak, Linsley & Noguera, 1992: 160 [ISS]

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Under *Lamiini* Latreille, 1825: 401, add the junior synonym:

Monohammidae Gistel, 1848: [9]

Under *Deliathis imperator* (Thomson, 1868: 100), add the following synonymic entry:

imperatrix Santos-Silva & Botero, 2018: 274 [UE]

Note. Original combination: *Hammoderus imperator*. Santos-Silva & Botero (2018: 274) proposed replacing *imperator* with *imperatrix* because *Deliathis* is a feminine genus. In doing so, they misinterpreted the Latin name *imperator* as an adjective rather than as a masculine noun (*imperator*, *-oris* = emperor). It is actually a noun in apposition and it must retain its original spelling (ICZN article 31.2.1). When they proposed to replace *imperator* with the feminine Latin noun *imperatrix*, *-icis* (= empress), they thereby proposed an unjustified emendation and the name "*Deliathis imperatrix* Santos-Silva & Botero, 2018" thus became an available name that must be listed as a junior objective synonym of *Deliathis imperator* (Thomson, 1868) (ICZN article 33.2.3).

Between *Deliathis incana* and *nigrovittata*, ADD:

neonivea Santos-Silva & Botero, 2018: 274 [RN]

And under it, add the following synonymic entry:

niveus Breuning, 1943: 258 [JSH; not *nivea* Bates, 1869: 388]

Note. When Santos-Silva & Botero, 2018: 274 corrected the ending of the species name *niveus* Breuning, 1943 to *-a* in order to agree the ending of the adjective *niveus*, *-a*, *-um* with the feminine genus name *Deliathis*, they noticed that it was a secondary homonym and rightly proposed *neonivea* as a replacement name.

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Under *Hammatoderus* Gemminger & Harold, 1873: 3022 [RN]

And one of the synonymic entries:

Hammoderus Thomson, 1860: 98 [Mld; not Thomson, 1856] (add a colon).

Under *Hammatoderus sallei* (Thomson, 1860: 99), the synonymic entry:

sallaei: Bates, 1880: 102 [ISS]

Hebestola pullata (Haldeman, 1845: 54) (Add a closing parenthesis mark after "54").

Under *Mimolochus hoefneri* (Thomson, 1865: 554), the synonymic entry, and add one:

hoepfneri: Lacordaire, 1869: 325 [ISS] (instead of *hoepneri*; spelling verified in the original publication)

haefnerii: Thomson, 1878: 9 [ISS]

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Monochamus Dejean, 1821: 106

Note. Delete "(not Megerle in Dejean auct)". This information is given in the Checklist only for the genera *Monochamus* and *Pogonocherus* while Dejean (1821) attributed also to Megerle the following available generic names recorded in the Western Hemisphere: *Hamaticherus*, *Acanthocinus*, *Obrium*, *Toxotus*, *Pachyta*. Megerle von Mühlfeld was an insect collector and dealer who sent specimens to Dejean with lists of suggested unpublished generic names and Dejean retained these names in his Catalogues and attributed them to the collector. Nevertheless, these names should be credited to Dejean in absence of contrary evidence because he is the author who made the act of publication. In Dejean's second (1833-1836) and third (1836-1837) Catalogues, Chevrolat must be credited with some generic names in the "chrysomélines" and "trimères" sections because the author, in the preface of the work, specifically acknowledged Chevrolat's involvement in the making of the list for these groups. There was no such statement by Dejean about Megerle (see Bousquet 2004: 37–38; see also Santos-Silva et al. 2021: 4 for additional information). The genus names proposed in Dejean's (1821) catalogue have long been known to be attributed to Dejean alone (Silfverberg 1984: 62), so "(not Megerle in Dejean auct)" is an irrelevant information that should be removed.

And under it, one of the synonymic entries; and add two:

Ceratades Gistel, 1834: 29

Note. A forgotten junior objective synonym of *Monochamus* after Adlbauer et al. (2010: 281) according to Bousquet & Bouchard (2017: 133).

Monohammus Dejean, 1835: 340 [UE] (for date and page, see Bousquet & Bouchard 2013: 86).

Monohamus: Gistel, 1848: 189 [ISS]

Under *Monochamus clamator clamator* (LeConte, 1852: 149), one of the synonymic entries:

maculosus: Horn, 1885: 191 [Mld; not Haldeman, 1847] (add a colon).

rubigeneus: Chemsak & Linsley, 1970: 414 [ISS of *rubigineus* Bates, 1880] (with a colon)

Under *Monochamus clamator* subsp. *latus* Casey, 1924: 290, the synonymic entry:

oregonensis: Casey, 1913: 292 [Mld; not LeConte, 1873] (add a colon).

Monochamus maculosus Haldeman, 1847: 51 (not Voet, 1778) / Delete "(not Voet, 1778)"

Note. The original combination of the species is *Monohammus maculosus* and Aurivillius (1922) corrected the spelling of the genus name to *Monochamus*. Voet's names "*paramaribous maculosus*", "*surinamensis maculosus*", and "*anglicus maculosus*" were combined with the genus name *Cerambyx*, never with the names *Monohammus* or *Monochamus*. In other words, these names have never been known simultaneously under the same genus name, so *Monochamus maculosus* and Voet's names are not primary or secondary homonyms, contrary to the opinion of Linsley & Chamsak (1985: 63). Also, Voet's work, in which his names were proposed, was rejected for nomenclatural purposes because the names published in it are not consistently binominal (see Alonso-Zarazaga & Lyal 1999: 8; Bousquet 2016: 547) and therefore all new names proposed in it are unavailable (ICZN 1999, article 11.4). For these reasons, the indication "(not Voet, 1778)" is irrelevant and should be deleted.

Monochamus scutellatus (Say, 1824: 289) (instead of "*scutellatus scutellatus* (Say, 1824: 289)")

Note. No nominotypical subspecies because *M. scutellatus* has no subspecies since *M. oregonensis* is listed as a junior synonym rather than a subspecies of *M. scutellatus*.

Under *Neoptychodes trilineatus* (Linnaeus, 1771: 532), add two synonymic entries:

3-vittatus: Riley & Howard, 1892: 204 [ISS]

trivittatus: Morgan, 1897: 137 [ISS]

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Pseudotaeniotes Dillon & Dillon, 1949: 2 [RN]

And under it, the synonymic entry:

Parataeniotes Dillon & Dillon, 1943: 15 [JH; not Breuning, 1943]

Under *Ptychodes* Audinet-Serville, 1835: 74, add a synonymic entry:

Talus Gistel, 1848: xi [UE]

Note. Gistel (1848b) proposed the name *Talus* as an emendation of *Ptychodes* Audinet-Serville, 1835 in these terms: "*Ptychodes* (Chevr.) in *Talus* (N.)". Rather considered a replacement name ("unjustified new name") by Monné (2024: 914) in *Neotropical Catalogue II*.

Under *Ptychodes dilloni* Breuning, 1949: 6, the synonymic entry:

taeniotoides: Dillon & Dillon, 1941: 60 [Mld; not Thomson, 1865] (add a colon).

Under *Ptychodes politus* Audinet-Serville, 1835: 75, add a synonymic entry:

lecontei: Pittier & Biolley, 1895: 29 [ISS of *lecontei* Thomson, 1856]

Under *Taeniotes* Audinet-Serville, 1835: 90, add two synonymic entries:

Metoscopius Gistel, 1848: 430 [UE]

Teaniotes: Gara & Onore, 1989: 210 [ISS]

Note. Gistel (1848a) proposed the name *Metoscopius* as an emendation of *Taeniotes* Audinet-Serville, 1835 in these terms: "*Der brasilische Taeniotes (Metoscopius; mihi)*" [*The Brazilian Taeniotes (Metoscopius; mihi)*].

Under *Taeniotes amazonum* Thomson, 1857: 172, one of the synonymic entries:

scalaris: Heyne & Taschenberg, 1907: 241 [Mld; not Fabricius, 1781] (add a colon).

Under *Taeniotes insularis insularis* Thomson, 1857, the synonymic entry:

thomsoni Breuning, 1943: 246 [URN]

Taeniotes luciani Thomson, 1859: 98 [RN]

AND under it, the synonymic entry:

buquetii Thomson, 1856: 324; Pl. 8, fig. 1 [JsH; not Taslé, 1841, as *Hammoderus*]

Under *Taeniotes pulverulentus* Olivier, 1790: 302, one of the synonymic entries; and add one:

pulvurentus: Bosq, 1943: 109 [ISS]

scalaris: Bondar, 1913: 9 [Mld; not Fabricius, 1781] (add a colon).

Taeniotes scalatus Gmelin, 1790: 1825 [RN]

AND under it, one of the synonymic entries:

scalaris Fabricius, 1781: 213 [JpH; not Linnaeus, 1758, as *Cerambyx* (currently in *Saperda*)] (delete parentheses for the author's name)

Under *Taeniotes similis* Dillon & Dillon, 1941: 29, the synonymic entry:

inquinatus: Bates, 1872: 198 [Mld; not Thomson, 1857] (add a colon).

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Under *Taeniotes xanthostictus* Bates, 1880: 98, one of the synonymic entries:

luciani: Bates, 1872: 198 [Mld; not Thomson, 1859] (add a colon).

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Under *Megabasis* Audinet-Serville, 1835: 53, add a synonymic entry:

Damula Gistel, 1848: 429 [UE]

Note. Gistel (1848a) proposed the name *Damula* as an emendation of *Megabasis* Audinet-Serville, 1835 in these terms: "*Megabasis* (*Damula*; mihi)". Rather considered a replacement name ("unjustified new name") by Monné (2024: 932) in Neotropical Catalogue II.

Mesosini Mulsant, 1839: 165 (instead of "Thomson, 1861: 35" (in fact, 1860: 35); see Bouchard et al. (2011: 496) and Bouchard et al. (2024: 328))

Under *Liosynaphaeta balloui* Fisher, 1926: 1, add a synonymic entry:

balloni: Breuning, 1939: 423 [ISS]

Under *Synaphaeta* Thomson, 1864: 370, the two synonymic entries:

Synaphe Thomson, 1864: 60 [JH; not Hübner, 1825, Lepidoptera] / (instead of "... (not Huebner, 1789)").

Mesosa: LeConte, 1852: 166 [Mld; not Latreille, 1829] (add a colon).

Under *Apamauta* Thomson, 1868: 58, the synonymic entry:

Apamanta: Lacordaire, 1872: 674 [ISS]

Under *Buoides erichsoni* Martins, 1979: 150, the synonymic entry:

egens: Dillon & Dillon, 1945: 81 [Mld; not Erichson, 1847] (add a colon).

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Under *Cacostola brasiliensis* Thomson, 1868: 68, the synonymic entry:

braziliensis: Dillon & Dillon, 1946: 265 [ISS]

Under *Cacostola flexicornis* Bates, 1865: 32, add a synonymic entry:

flexicornus: Dillon & Dillon, 1946: 261 [ISS]

Chitron mniszechii (Buquet, 1859: 48), add two synonymic entry:

mniszechii: Gemminger in Gemminger & Harold, 1873: 3128 [ISS]

mniszechy: Zikán & Zikán, 1944: 31 [ISS]

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Under *Cicatrodea* Dillon & Dillon, 1946: 223, add a synonymic entry:

Cicatrodera: Wappes, Morris, Nearn & Thomas, 2006: 26 [ISS]

Under *Cylicasta terminata* (Buquet, 1859: 47), the synonymic entry:

liturata: Dillon & Dillon, 1946: 270 [Mld; not Fabricius, 1801] (add a colon).

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Under *Eupalessa attenuata* (Thomson, 1868: 91), add a synonymic entry:

atenuatta: Fragoso, 1971: 34 [ISS]

Under *Hesycha crucifera* Dillon & Dillon, 1952: 66, the synonymic entry:

paupercula: Dillon & Dillon, 1945: 133 [MId; not Thomson, 1868] (add a colon).

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Under *Hesychotypa ableptema* Martins & Galileo, 1990: 80, the synonymic entry:

nymphonoides: Dillon & Dillon, 1945: 160 [MId; not Pascoe, 1859] (add a colon).

Under *Hesychotypa nymphonoides* (Pascoe, 1859: 36), add two synonymic entries:

niphonoides: Thomson, 1868: 58 [ISS]

nymphoroides: Barbosa, Fonseca & Martins, 2009: 294 [ISS]

Under *Hesychotypa turbida* (Bates, 1880: 122), the synonymic entry:

maculosa: Bates, 1880: pl.8, fig. 20 [MId; not Bates, 1865] (add a colon).

Under *Hypselomus* Perty, 1832: 95, add a synonymic entry:

Hypsolemus: Chevrolat, 1861: 192 [ISS]

Under *Hypsioma Audinet-Serville*, 1835: 38, the synonymic entry:

Hypselomus: Bates, 1865: 111 [MId; not Perty, 1832] (add a colon).

Under *Hypsioma charila* Dillon & Dillon, 1945: 43, add a synonymic entry:

charilla: Gilmour, 1950: 545 [ISS]

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Under *Hypsioma gibbera* Audinet-Serville, 1835: 39, add a synonymic entry:

gibbosa: Pelseneer, 1890: clxxvi [ISS]

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Under *Lachnia* Audinet-Serville, 1835: 63, add a synonymic entry:

Vervex Gistel, 1848: 432 [UE]

Note. In the concluding paragraph of the section on Cerambycidae, Gistel (1848a: 432) proposed the name *Vervex* as an emendation of *Lachnia* Audinet-Serville, 1835 in these terms: "... ; für *Lachnia* setze: *Vertex* (mihi)." [...; for *Lachnia* use: *Vertex* (mihi).]. The name appeared in Gistel (1848b: 132) with the same text, but also in 1848b: ix as an emendation of *Lachnaia* Chevrolat in Dejean, 1836 (Chrysomelidae). Bezděk (2020: 177) considered it as a junior objective synonym of *Lachnaia* Chevrolat, 1836. Since Gistel (1848a: 432) was published in May 1848, and Gistel (1848b: xi) in June 1848, *Vervex* Gistel, 1848b: ix (= *Lachnaia*, Chrysomelidae) is a junior homonym of *Vervex* Gistel, 1848a: 432 (Cerambycidae). Rather considered a replacement name ("unjustified new name") by Monné (2024: 984) in Neotropical Catalogue II.

Under *Lachnia subcincta* Audinet-Serville, 1835: 64, the synonymic entry:

subvincta: Breuning, 1961: 207 [ISS]

Under *Lochmaeocles* Bates, 1880: 124, two of the synonymic entries:

Lochmaeodes: Aurivillius, 1923: 345 [ISS]

Lochmalodes: Arnett, 1962: 871 [ISS]

Under *Lochmaeocles batesi* (Aurivillius, 1923: 345), the synonymic entry:

callidryas: Bates, 1880: 124 [MId; not Bates, 1865] (add a colon).

Under *Lochmaeocles cornuticeps cornuticeps* (Schaeffer, 1906: 20), the synonymic entry:

tessellatus: Knull, 1937: 42 [MId; not Thomson, 1868] (add a colon).

Under *Lochmaeocles marmoratus* Casey, 1913: 351, the synonymic entry:

tessellatus: Schaeffer, 1906: 18 [MId; not Thomson, 1868] (add a colon).

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Under *Lochmaeocles pseudovestitus* Chemsak & Linsley, 1988: 135, the synonymic entry:

vestitus: Dillon & Dillon, 1946: 207 [MId; not Bates, 1885] (add a colon).

Neodillonia Monné & Fragoso, 1984: 926 [RN]

And under it, one of the synonymic entries; and add one:

Clyptemnestra: Prosen, 1947: 331 [ISS of *Clyptemnestra* Thomson, 1860]

Dillonia Lane, 1955: 269 [JH; not Haeckel, 1847, *Actinopterygii* [Pisces]]

Under *Neolampedula lateralis* (Thomson, 1868: 63), the synonymic entry:

obliquator: Dillon & Dillon, 1945: 114 [MId; not Fabricius, 1801] (add a colon)

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Oncideres Lacordaire, 1830: 183 [ISSPU]

And under it, add three synonymic entries:

Oncyderes Lacordaire, 1830: 183 [IOS]

Oncideres: Audinet-Serville, 1835: 67 [COS/ ISSPU]

Apocoptona Kirby & Spence, 1828: 318 (a forgotten senior subjective synonym of *Oncideres*, to be declared *nomen oblitum*)

Under *Oncideres apicalis* Dillon & Dillon, 1946: 349, the synonymic entry:

dalmanii: Martins, 1981: 228 [MId; not Thomson, 1868] (add a colon).

Under *Oncideres canidia* Dillon & Dillon, 1946: 365, add a synonymic entry:

candida: Duffy, 1960: 201 [ISS]

Under *Oncideres captiosa* Martins, 1981: 229, the synonymic entry:

aegrota: Fonceca, 1931: 37 [MId; not Thomson, 1868] (add a colon).

Under *Oncideres chevrolatii* Thomson, 1868: 77, one of the synonymic entries:

diana: Bates, 1865: 176 [MId; not Brongniart, 1793] (add a colon).

Note 1. Instead of "*diana* Bates, 1865: 176 (not Olivier, 1792)"

Note 2. The actual date of the Olivier's work (*Encyclopédie méthodique* Tome 7, no 2) where *Lamia diana* is mentioned is 1797.

Under *Oncideres cingulata cingulata* (Say, 1826: 272), among the synonymic entries:

texana: Herrick, 1902: 15 [MId; not Horn, 1885] (add a colon).

Under *Oncideres cingulata* subsp. *texana* Horn, 1885: 195, one of the synonymic entries:

cingulatus: Townsend, 1902: 79 [MId; not Say, 1826] (add a colon).

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Under *Oncideres dejeanii* Thomson, 1868: 201, the synonymic entry; and add one:

dejeani: Berti Filho, 1997: 52 [ISS]

pustulata Thomson, 1868: 88 [JpH; not LeConte, 1854]

Under *Oncideres diana* (Brongniart, 1793: 34), the synonymic entry; and add one:

diana Olivier, 1797: 470 [JS & JpH, not Brongniart, 1793 (as *Lamia*)]

Note 1. "Olivier, 1792: 470" refers to *Encyclopédie méthodique* Tome 7, no 2 (pp. 369-827), actually published in 1797. 1792 is the date for Tome 7, no 1 (pp. 1-368). Therefore, Brongniart 's (1793) description has date priority.

Note 2. Olivier actually published the name *diana* under the genus name *Lamia* on page 470 in *Encyclopédie méthodique. Histoire naturelle. Insectes*. Tome 7 (wrongly dated 1792 on the title page), partie 2 (pages 369-827, February 1797), and subsequently used the same species name under the genus name *Cerambyx* in *Entomologie, ou histoire naturelle des insectes* (1800: [No 67] 107). However, Brongniart (1793: 34) first established this species name under the genus *Lamia* from a specimen collected in the same place (Cayenne) by the same collector (M. Leblond) as those on which Olivier based his two descriptions of *diana*. (see explanation under "*Oncideres diana*" in **Section 3, subsection D, P. 334**)

albella Schoenherr, 1817: 395 [URN for *Cerambyx diana* Olivier, 1800: (67) 107]

Note. Olivier had already published the description of *Lamia diana* Olivier, 1797: 470 when he included *Cerambyx diana* in *Entomologie, ou histoire naturelle des insectes* (Olivier 1800: [No 67] 107) where it is only a subsequent citation of his name of 1797.

Under *Oncideres fulva* Bates, 1865: 176, the synonymic entry:

satyra: Dillon & Dillon, 1946: 326 [Mld; not Bates, 1865] (add a colon)

Under *Oncideres gutturator* (Fabricius, 1775: 172, one of the synonymic entries:

satyra: Martins, 1981: 225 [Mld; not Bates, 1865] (add a colon).

Under *Oncideres irrorata* Melzer, 1934: 94, the synonymic entry:

gutturator: Bruch, 1941: 366 [Mld; not Fabricius, 1775] (add a colon).

Under *Oncideres multincta* Thomson, 1868: 77, one of the synonymic entries:

diana: Bates, 1865: 176 [Mld; not Brongniart, 1793] (add a colon).

Note 1. "*diana* Bates, 1865 (misid.; not Brongniard, 1793)" (instead of "*diana* Bates, 1865: 176 (not Olivier, 1792)")

Note 2. The actual date of the Olivier's work (*Encyclopédie méthodique* Tome 7, no 2) where *Lamia diana* is mentioned is 1797.

Note 3. In the Checklist, "*diana*: Bates, 1865: 176 (not Olivier, 1792)" is placed in synonymy under two valid species: *O. chevrolatii* Thomson, 1868 and *O. multincta* Dillon & Dillon, 1946. A taxon could be in synonymy with only one species. Incidentally, "*diana*: Bates, 1865: 176" is not placed in synonymy with any valid species in Monné's (2023) Neotropical Catalogue II, but with *O. multincta* on titan.gbif.fr website (Tavakilian & Chevillote 2024).

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Under *Oncideres ophthalmalis* Dillon & Dillon, 1946: 392, add a synonymic entry:

phtharmalis: Breuning, 1961: 392 [ISS]

Under *Oncideres pustulata* LeConte, 1854: 82, the two synonymic entries:

putator: Riley, 1880: 271 [Mld; not Thomson, 1868] (add a colon)

trinodatus: Essig, 1926: 460 [Mld; not Casey, 1913] (add a colon)

Under *Oncideres rhodosticta* Bates, 1885: 365, three of the synonymic entries:

putator: Horn, 1885: 195 [Mld; not Thomson, 1868] (add a colon)

cingulatus: Hamilton in Leng & Hamilton, 1896: 141 [Mld; not Say, 1826] (add a colon)

pustulatus: Essig, 1926: 460 [Mld; not LeConte, 1854] (add a colon)

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Under *Oncideres* Martins & Galileo, 1990: 88, add a synonymic entry:

Oncideres: Nascimento & Bravo, 2014: 138 [ISS]

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Under *Tibiosoma* Martins & Galileo, 1990: 77, add a synonymic entry:

Tibiosomus: Wappes, Arias & Nearn, 2009: 4 [ISS]

Under *Trachysomus mexicanus* Dillon & Dillon, 1946: 240, the synonymic entry:

fragifer: Bates, 1880: 124 [Mld; not Kirby, 1818] (add a colon)

Trachysomus verrucosus (Olivier, 1792: 458), one of the synonymic entries:

dromedarius Buquet, 1852: 353 ~~(not Voet, 1778)~~ / Delete "(not Voet, 1778)"

Note. Voet's work, in which his names were proposed, was rejected for nomenclatural purposes because the species names published in it are not consistently binominal (see Alonso-Zarazaga & Lyal 1999: 8; Bousquet 2016: 547) and therefore all new names proposed in it are unavailable (ICZN 1999, article 11.4). For these reasons, the indication "(not Voet, 1778)" is irrelevant and should be deleted.

Trestonia Buquet, 1859: 45 [NP]

And under it, add the following synonymic entries:

Trestonia Buquet, 1859: 45 [JH; not Rafinesque, 1815 (Tenebrionidae)]

Trestonia: Bousquet, 2008: 624 [NP vs *Trestonia* Rafinesque, 1815 [NO]]

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Under *Trestonia pulcherrima* Dillon & Dillon, 1946: 285, add a synonymic entry:

pulcherima: Lagos & Barrios, 2014: 22 [ISS]

Under *Trestonia turbula* Monné & Fragoso, 1984: 929, the synonymic entry:

ramuli: Dillon & Dillon, 1946: 281 [Mld; not Bates, 1865] (add a colon)

Under *Tritania dilloni* Chalumeau, 1990: 300, the synonymic entry:

grisea: Dillon & Dillon, 1945: 52 [Mld; not Fleutiaux & Sallé, 1889] (add a colon)

Under *Tulcus dimidiatus* (Bates, 1865: 112), the synonymic entry:

cruda: Dillon & Dillon, 1945: 64 [Mld; not Erichson, 1847] (add a colon)

Under *Tulcus lycimnius* (Dillon & Dillon, 1945: 72), the synonymic entry:

picticornis: Bates, 1880: 123 [Mld; not Bates, 1865] (add a colon)

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Under *Echthistatus* Pascoe, 1862: 352, one of the synonymic entries:

Parechthistatus: Giesbert, 2001: 9 [Mld; not Breuning, 1942] (add a colon)

Edechthistatus Monné, 2005: 605 [RN]

And under it, the synonymic entry:

Parechthistatus Giesbert, 2001: 9 [JH, not Breuning, 1942]

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Under *Microcleptes* Newman, 1840: 11, add a synonymic entry:

Microleptus: Buck, 1959: 597 [ISS]

Under *Nanilla delauneyi* Fleutiaux & Sallé, 1889: 467, add a synonymic entry:

delaunayi: Breuning, 1950: 149 [ISS]

Neohoplonotus Monné, M.A., 2005: 608 [RN]

And under it, the synonymic entry:

Hoplonotus Blanchard in Gay, 1851: 507 [JH; not Schmidt-Goebel, 1846, Staphylinidae]

Under *Neohoplonotus spiniferus* (Blanchard in Gay, 1851: 508), add two synonymic entries:

spiniferus: Thomson, 1867: 20 [ISS]

spinifer: Philippi, 1887: 775 [ISS]

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Under *Brachychilus* Blanchard in Gay, 1851: 499, add three synonymic entries:

Blachychilus: Porter, 1930: 551 [ISS]

Branchychilus: Bosq, 1951: 106 [ISS]

Brachyciclus: Ringuelet, 1955: 100 [ISS]

P. 343

Under *Ecyrus* LeConte, 1852: 160, one of the synonymic entries:

Exocentrus: Haldeman, 1847: 50 [Mld; not Dejean, 1835] (add a colon)

Note. Instead of "*Exocentrus*: Haldeman, 1847: 50 (not Mulsant). Genus *Exocentrus* must be attributed to Dejean, 1835, not to Mulsant, 1839 (see Bousquet & Bouchard 2013: 82).

Under *Hypomia penicillata* (Bates, 1880: 137), add a synonymic entry:

pencillatus: Linsley, 1930: 89 [ISS]

Under *Lypsimena fuscata* Haldeman, 1847: 54, among the synonymic entries:

"*fuscata* Bruch, 1912: 210 (not LeConte, 1852)" To be deleted

Note. This entry means that a species identified as *fuscata* by Bruch (1912: 210) is not *fuscata* Haldeman, 1847 but rather *fuscata* LeConte, 1852. This synonymy makes no sense. If Bruch really used "*fuscata*" in another sense than *fuscata* Haldeman, 1847, then the name should be put in the synonymic list of another species (with a colon after the species name), not of *fuscata* Haldeman, 1847. But *fuscata*: LeConte, 1852 and *fuscata*: Bruch, 1912 are just subsequent citations of *Lypsimena fuscata* Haldeman, 1847 (see Monné 2023: 987, in Neotropical Catalogue II). It is the same name for the same species, so it should not appear in the synonymic list.

P. 344

Pogonocherus Dejean, 1821: 107 (instead of "*Pogonocherus (Pogonocherus)* Dejean, 1821: 107 (not Megerle in Dejean)")

Note 1. Since *Eupogonocherus* Linsley, 1935 is a junior objective synonym of *Pogonocherus* Dejean, 1821 (same type species), there are no subgenera in genus *Pogonocherus*. So "(*Pogonocherus*)" is superfluous.

Note 2. Delete "(not Megerle in Dejean auct)". This information is given in the Checklist only for the genera *Monochamus* and *Pogonocherus* while Dejean (1821) attributed also to Megerle the following available generic names used in the Western Hemisphere: *Hamaticherus*, *Acanthocinus*, *Obrium*, *Toxotus*, *Pachyta* and "(not Megerle in Dejean)" is not mentioned for these genera. So "(not Megerle in Dejean auct)" is irrelevant information (see complete rationale in "Note" under *Monochamus* [P. 322]).

And under *Pogonocherus* (~~*Pogonocherus*~~) Dejean, 1821: 107, add two synonymic entries:

Pogonocerus: Stephens, 1829: 197 [ISS]

Pogonocerus Gistel, 1848: 430 [UE]

Note. The citation of Stephens (1829), reading "POGONOCERUS, (Megerle.)", referred to the establishment of the genus by Dejean (1821) in his first catalogue and is for this reason an incorrect subsequent spelling and an unavailable name. However, Gistel (1848a) clearly proposed *Pogonocerus* as an emendation of *Pogonocherus* Dejean in these terms: "*Pogonocerus* (nicht -cherus!)" [*Pogonocerus* (not -cherus!)].

Although unjustified, Gistel's emendation is an available name and a junior synonym of *Pogonocherus*

Dejean. This is confirmed by the statement he gave under "Feuerkäfer (Pyrochroa)" on pages 411-412: "In die Nachbarschaft ist zu stellen: *Pogonocerus*; F. Fischer (aber der Name kann nicht bleiben, weil er bei den Cerambyciden vergeben ist, wo salschlich ein h dabei steht „Pogonocherus"; κερας, im Griechischen. Der für die Cerambyciden muß bleiben und für den Fischerischen *Pogonocerus* schlage ich vor: *Hyledroma*)" [In the neighborhood should be placed: *Pogonocerus*; F. Fischer (but the name cannot remain because it is assigned to the Cerambycids, where an h is incorrectly placed in "*Pogonocherus*"; κερας, in Greek. The name for the Cerambycids must remain and for Fischer's *Pogonocerus* I suggest: *Hyledroma*)].

Under *Pogonocherus parvulus* LeConte, 1852: 160, one of the synonymic entries:
mixtus: Caulfield, 1881: 60 [Mld; not Haldeman, 1847] (add a colon)

Under *Pogonocherus pictus* Fall, 1910: 6, one of the synonymic entries:
simplex: Hamilton, 1896: 135 [Mld; not LeConte, 1873] (add a colon)

Under *Poliaenus obscurus* subsp. *albidus* Linsley, 1933: 184, the synonymic entry:
concolor: Van Dyke, 1920: 46 [Mld; not Schaeffer, 1909] (add a colon)

Under *Poliaenus obscurus* subsp. *ponderosae* Linsley, 1935: 85, the synonymic entry:
californicus: Van Dyke, 1920: 49 [Mld; not Schaeffer, 1909] (add a colon)

Under *Poliaenus obscurus* subsp. *schaefferi* Linsley, 1933: 184, the two synonymic entries:
vandykei: Schaeffer, 1932: 153 [Mld; not Linsley, 1930] (add a colon)
californicus: Craighead, 1923: 124 [Mld; not Schaeffer, 1908] (add a colon)

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Under *Polyrhaphis* Audinet-Serville, 1835: 26, one of the synonymic entries; and add one:
Polyrhophis: Desmarest in Chenu, 1860: 321 [ISS]
Polyraphis: Lacordaire, 1872: 731 [ISS]
Polyrrhaphis Gemminger in Gemminger & Harold, 1873: 3139 [UE of "*Polyraphis* Serv."]

Under *Polyrhaphis jansonii* Pascoe, 1859: 30, the synonymic entry:
janseni: Aurivillius, 1923: 372 [ISS]

Under *Polyrhaphis spinipennis* Laporte, 1840: 460, the synonymic entry:
abdominalis Heyne & Taschenberg, 1906: 243 [Mld; not White, 1855, in *Trigonocephalus*] (add a colon)

P. 346

Under *Ataxia* Haldeman, 1847: 56, three of the synonymic entries:
Stenidea: Haldeman, 1847: 373 [Mld; not Mulsant, 1842] (add a colon)
Stenosoma: LeConte, 1852: 158 [Mld; not Mulsant, 1839] (add a colon)
Esthlogena: Bates, 1866: 289 [Mld; not Thomson, 1864] (add a colon)

Under *Ataxia crypta* (Say, 1832: 5), one of the synonymic entries:
annulata: Fabricius, 1801: 326 [Mld; not Fabricius, 1792] (add a colon)

Note. The exact date for "*A. crypta* Say" is 1832 (see in **Section 3 G. Corrections to authors, dates and pages of description of taxa described in other works**).

Ataxia falli Breuning, 1961: 225 [RN]

AND under it, the synonymic entry:

sulcata Fall, 1907: 84 [JsH; not Bates, 1866]

Note. *Esthlogena sulcata* was described by Bates (1866: 290) and *Ataxia sulcata* by Fall (1907: 84). When Breuning (1961: 53) found *sulcata* Bates to be a junior synonym of *obscura* Fabricius, 1801, and transferred the species in *Ataxia*, *sulcata* Fall, 1907 became a junior secondary homonym of *Ataxia sulcata* (Bates). Breuning (1961) proposed *falli* as the replacement for *sulcata* Fall.

Under *Ataxia hubbardi* Fisher, 1924: 253, the synonymic entry:
crypta: Riley, 1880: 271 [Mld; not Say, 1832] (add a colon)

P. 347

Catafimbria Aurivillius, 1922: 260 [RN]

AND under it, the synonymic entry:

Fimbria Belon, 1896: 387 [JH; not Megerle von Mühlfeld, 1811, Mollusca]

Note. When proposing *Catafimbria* as a replacement name for *Fimbria* Belon, 1896 (a junior homonym of *Fimbria* Megerle von Mühlfeld, 1811), Aurivillius (1922: 260) wrongly attributed *Fimbria* to "Boheman, 1761" instead of 1861; *Fimbria* Megerle, 1811 is older than Boheman's name.

Under *Cryptocranium* Lacordaire, 1830: 184, add a synonymic entry:

Omatodesisa: Monné, M.A. & Giesbert, 1992: 252 [ISS of *Ornatodesida* Breuning, 1961]

Under *Emphytoecia* Fairmaire & Germain, 1859: 529, add a synonymic entry:

Amphithoecia: Thomson, 1861: 383 [ISS]

Under *Emphytoecia suturella* (Blanchard in Gay, 1851: 518), add a synonymic entry:

saturella: Thomson, 1861: 383 [ISS]

P. 348

Under *Esthlogena* (*Esthlogena*) Thomson, 1864: 107, the synonymic entry:

Hebestola: Thomson, 1857: 302 [Mld; not Haldeman, 1847; ~~not Blanchard in Gay, 1851~~] (add a colon)

Note. "; not Blanchard in Gay, 1851" to be deleted. "not Haldeman, 1847" means that Thomson (1857) used the name *Hebestola* in the sense of *Esthlogena* and this information is pertinent. However, "*Hebestola* not Blanchard in Gay, 1851" is not relevant to *Esthlogena* but rather to genus *Neohebestola* Marinoni, 1977 under which it is already listed on **P. 302**.

Under *Esthlogena guatemalena* Bates, 1885: 348, add a synonymic entry:

guatemalana: Chemsak & Linsley, 1970: 410 [ISS]

Parepectasoides Breuning, 1979: 47 [RN]

And under it, the synonymic entries:

Proxepectasis Monné & Giesbert, 1992: 252 [URN]

Parepectasis Breuning, 1974: 159 [JH; not Bruch, 1926 (jun. syn of *Ataxia*)]

Pteroplius Lacordaire, 1830: 183 [ISSPU]

And under it, the synonymic entry; and add two synonymic entries:

Pterhoplius Lacordaire, 1830: 183 [IOS]

Pteroplius: Audinet-Serville, 1835: 65 [COS / ISSPU]

Pteroplia: Thomson, 1860: 73 [ISS]

Under *Rhaphiptera* Audinet-Serville, 1835: 66, add a synonymic entry:

Phaphiptera: Vulcano, Mascarenhas & Pereira, 1980: 107 [ISS]

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Under *Rhaphiptera rixator* Thomson, 1868: 117, add a synonymic entry:

vexator: Thomson, 1878: 11 [ISS]

Under *Rhaphiptera triangulifera* Lane, 1974: 97, add a synonymic entry:

triangularis: Fragoso & Monné, M.A., 1984: 1976 [ISS]

Under *Mecas cana* subsp. *saturnina* (LeConte, 1859: 21), two of the synonymic entries:

inornata: Packard, 1871: 594 [Mld; not Say, 1824] (add a colon)

concolor: Kirk & Balsbaugh, 1975: 100 [Mld; not LeConte, 1852] (add a colon)

Note. Kirk & Balsbaugh (1975: 100) wrongly interpreted *Mecas cana saturnina* as *Saperca concolor* in the sense of *concolor* LeConte, 1852 (= junior synonym of *Saperda inornata* Say, 1824). Therefore, add "(not LeConte, 1852)".

Under *Mecas cineracea* Casey, 1913: 360, the synonymic entry:

bicallosa: Breuning, 1955: 140 [Mld; not Martin, 1924] (add a colon)

Under *Mecas cinerea* (Newman, 1840: 13), among the synonymic entries:

inornata: Gahan, 1888: 300 [Mld; not Say, 1824] (add a colon)

Under *Mecas confusa* Chemsak & Linsley, 1973: 163, the synonymic entry:

inornata: Townsend, 1884: 222 [Mld; not Say, 1824] (add a colon)

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Under *Mecas menthae* Chemsak & Linsley, 1973: 174, the synonymic entry:

marginella: Linsley, Knull & Statham, 1961: 32 [Mld; not LeConte, 1873] (add a colon)

NOTE. Under genus *Oberea* Mulsant, 1839, all names among the synonymic entries that were proposed as "morphs" by Breuning (1962) [e.g., *quadricalllosa* m. *infrarufa* Breuning, 1962: 223] are unavailable names that have no nomenclatural or taxonomic value [an infrasubspecific name ("variety", "form", "aberration", "ab.", "morph") proposed after 1960 is unavailable (infrasubspecific) under the provisions of ICZN 1999, articles 10.2, 15.2, and 45.5]. These are not synonyms and should not be included in checklists; if these names are kept in the Checklist, make sure to add a colon after each of them and add also something indicating that they are "infrasubspecific" and therefore *nomina nuda*. **LGB - these will be removed from the checklist.**

Under *Oberea affinis* Dejean, 1835: 351, add a synonymic entry:

bimaculata: amer. auct. [Mld; not Olivier, 1800]

Oberea caseyi Plavilstshikov, 1927: 64 [RN]

And under it, three of the synonymic entries:

ferruginea Casey, 1913: 366 [JsH; not Thunberg, 1787: 57]

quadricalllosa: Linsley & Chemsak, 1995: 226 [Mld; not LeConte, 1874] (add a colon)

schaumi: Linsley & Chemsak, 1995: 229 (~~part~~) [Mld in part; not LeConte, 1852] (add a colon)

Under *Oberea deficiens* Casey, 1924: 296, the synonymic entry:

tripunctata: Linsley & Chemsak, 1995: 226 [Mld in part; not Swederus, 1787] (add a colon)

Note. add "in part" because Linsley & Chemsak concept of *O. tripunctata* was partly correct.

Under *Oberea pallida* Casey, 1913: 367, the synonymic entry:

praelonga: Linsley & Chemsak, 1995: 246 [Mld in part; not Casey, 1913] (add a colon)

Note. Add "in part" because Linsley & Chemsak concept of *O. praelonga* was partly correct.

Under *Oberea perspicillata* Haldeman, 1847: 57, among the synonymic entries:

bimaculata: Horn, 1878: 46 [Mld; not Olivier, 1800] (add a colon)

Under *Oberea praelonga* Casey, 1913: 367, the synonymic entry:

tripunctata Dillon & Dillon, 1961: 654 [Mld; not Swederus, 1787] (add a colon)

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Under *Oberea quadricalllosa* LeConte, 1874: 68, one of the synonymic entries:

schaumii Garnett, 1918: 284 [Mld; not LeConte, 1852] (add a colon)

Under *Oberea schaumii* LeConte, 1852: 153, one of the synonymic entries:

~~*schaumi* Linsley & Chemsak, 1995: 229 (part) (not LeConte, 1852)~~

Note. To be deleted because this synonymic entry is only relevant to *Oberea caseyi* Plavilstshikov, 1927, under which it is already listed on **P. 350**.

Under *Oberea ulmicola* Chittenden, 1904: 4, the synonymic entry:

ocellata: Linsley & Chemsak, 1995: 233 [Mld in part; not Haldeman, 1847] (add a colon)

Note. Add "in part" because Linsley & Chemsak concept of *O. ocellata* was partly correct.

Under *Saperda hornii* Joutel, 1902: 33, add a synonymic entry:

horni: Aurivillius, 1923: 485 [ISS]

Note. *Saperda hornii* is the valid name. The use of the genitive ending *-i* in a subsequent spelling of a species-group name that is a genitive based upon a personal name in which the correct original spelling ends with *-ii*, or vice versa, is deemed to be an incorrect subsequent spelling (ICZN 1999, art. 33.4).

P. 352

Under *Tapeina coronata coronata* Lepeletier & Audinet-Serville in Latreille, 1828: 545, add a synonymic entry:
diadem: Fisher, 1944: 10 [ISS of *diadema* Gemminger, 1873]

Under *Tapeina erectifrons erectifrons* Thomson, 1857: 43, the synonymic entry:

coronata: Gerstaecker, 1858: 329 [Mld; not Lepeletier & Audinet-Serville in Latreille, 1828] (add a colon)

Under *Tapeina hylaeana* Marinoni, 1972: 34, the synonymic entry:

dispar: Bates, 1866: 196 [Mld; not Lepeletier & Audinet-Serville in Latreille, 1828] (add a colon)

P. 352

Under *Tapeina* Lepeletier & Audinet-Serville in Latreille, 1828: 545, one of the synonymic entries:
Tapina Gemminger in Gemminger & Harold, 1873: 3068 [UE]

Under *Tapeina coronata coronata* Lepeletier & Audinet-Serville in Latreille, 1828: 545, add a synonymic entry:
diadema Gemminger, 1873: 146 [RN for *coronata* Thomson, 1857a: 43, considered by Gemminger to be distinct from *T. coronata* Lep. & Aud.-Serv., 1828]
diadem: Fisher, 1944: 10 [ISS of *diadema* Gemminger, 1873]

Under *Tapeina erectifrons erectifrons* Thomson, 1857: 43, the synonymic entry:

coronata: Gerstaecker, 1858: 329 [Mld; not Lepeletier & Audinet-Serville in Latreille, 1828] (add a colon)

Under *Tapeina hylaeana* Marinoni, 1972: 34, the synonymic entry, and add one:

dispar: Bates, 1866: 196 [Mld; not Lepeletier & Audinet-Serville in Latreille, 1828] (add a colon)

hylaena: Barbosa, Fonseca & Martins, 2009: 294 [ISS]

P. 353

Phaea paralella Toledo, Martinez & Bezark, 2016: 85 [COS]

And under it, add the synonymic entries:

paralella: Toledo, Martinez & Bezark, 2016: 85 [IOS]

paralella: Martinez-Hernández, Corona-López, Flores-Palacios & Toledo-Hernandez, 2022: 339 [COSFR]

Note. Two different spellings appeared in the article of the original description of this species. The spelling "*paralella*" appeared once as the main entry on page 85 but the correct orthograph "*paralella*" was used five times in the rest of the article: in the Abstract and in the Resumen, in the caption to the figures 5-9 on page 87, and in the main text in the Diagnosis and in the Etymology sections on page 88. Since two of the original describers of the species in question are authors of Martínez-Hernández et al. (2022: 339), the latter, as first revisers, selected the alternative spelling *paralella* as the correct original spelling (ICZN 1999, article 24.2.3), and therefore made the spelling "*paralella*" an incorrect original spelling (unavailable).

Under *Phaea mirabilis* Bates, 1874: 232, add a synonymic entry:
mirabilis: Toledo-Hernández, 2005: 421 [ISS]

P. 354

Under *Tetraopes discoideus* LeConte, 1858: 26, add a synonymic entry:
discoides: García Morales, García Giménez, Toledo & Cantú Ayala, 2015: 111 [ISS]

Under *Tetraopes femoratus* LeConte, 1847: 93, two of the synonymic entries; and add two:
nigripes Casey, 1913: 377 [JpH; not Bates, 1881 (= *subfasciatus* Bates, 1881)]
caseyi Aurivillius, 1923: 575 [RN for *nigripes* Casey, 1913]
femoralis: Popenoe, 1877: 34 [ISS]
femuratus: Ruíz Cancino & Coronado Blanco, 2002: 104 [ISS]

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Under *Tetraopes melanurus* Schoenherr, 1817: 401, one of the synonymic entries:
tornator: Stephens, 1829: 413 [Mld; not Fabricius, 1775] (add a colon)

Above genus *Tetrops* Stephens, 1829: 16

Add tribe name Tetropini Portevin, 1927: 39 and add reference to "Portevin, G. 1927" in the **References related to the corrections** section.

Note. Genus *Tetrops* Stephens, 1829 is currently not considered part of tribe Tetraopini Thomson, 1861. It is a representative of tribe Tetropini Portevin, 1927 (see Bouchard *et al.* 2011: 502). Santana Souza *et al.* (2020: 12) stated that, since the species in the tribes Astathini, Tetraopini and Tetropini are rather uniform morphologically, it seems to be redundant to retain three names to define geographic lineages, but this statement is a subjective judgement without support data and therefore not a valid proposal for synonymizing these tribe names. Bouchard *et al.* (2024: 525) conserved Tetropini Portevin, 1927 as a valid tribe; it includes only the genus *Tetrops* Stephens, 1829 in the Western Hemisphere.

For *Tetrops praeustus* (Linnaeus, 1758: 641), in the distribution record:

(introduced Canada (ON-NS) & eUS) (instead of "(introduced Canada (NS) & eUS)")

Note. Known also from Ontario, Québec, and New Brunswick (see Bousquet *et al.* 2017: 185, 254 [map]).

P. 356

In section Incertae Sedis, add the following taxa:

Dryana Gistel, 1848a: 429

bituberculata Gistel, 1848a: 429

Note. These taxa were placed by the author among the Cerambycidae in section "XXVI. Zauberbockkäfer, Spürbock", between genera *Amniscus* and *Leiopus* (pp. 429-430). His descriptions, which in the text precede those of *Leiopus histrionicus* (currently junior synonym of *Eutrypanus dorsalis* Germar, 1823), are as follows:

"*Dryana* (mihi; Alcidion?). Körper sehr flach. Fühler borstenförmig ; erstes Glied compreß, sehr lang, dicker als alle. Erster Bruststring gerandet. Oberflügel scharf gerundet, in 2 Dornen auslaufend. Schenkel dick. (Gattung : *Dr. bituberculata* ; mihi aus Rio negro in Brasilien. Graubraun filzig-behaart; erster Bruststring höckerig; Oberflügel an Schultergegend je mit einem Höcker und einem dunkeln Querstreifen, ebenso 2 auf jedem gegen die scharfe Spitze, wie Exclamationszeichen; dunkle Streisenpunkte, weit abflehend. 4''' lang.)" [*Dryana* (mihi; *Alcidion*?). Body very flat. Antennae bristle-like [???]; first segment compact, very long, thicker than all others. Prothorax rounded. Elytra sharply margined, ending in two spines. Thighs thick. (Genus*: *Dr. bituberculata*; mihi from Rio Negro in Brazil. Gray-brown, tomentous-hairy; prothorax tuberculate; elytra with one tubercle and a dark transverse stripe on each humerus, as well as two on each toward the sharp tip, like exclamation marks; dark streaked spots, widely suffused. 4' long.)]

* Gistel often used the word "Gattung" [= genus] in the sense of "species".

Section 5. Gender determination of genus names and agreement of species name endings)], the synonymic entry:

mexicanus Thomson, 1860: 17 [instead of 1861: 17]

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Canidia mexicana Thomson, 1860: 14 [instead of 1861: 14]

P. 210

Under *Cosmotoma* Chevrolat, 1843, one of the synonymic entries:

Beltista Thomson, 1860: 16 [instead of 1861: 16]

Cosmotoma adjuncta (Thomson, 1860: 16) [instead of 1861: 16]

P. 212

Under *Exalcidion* Monné, 1977, the synonymic entry:

Alcidion White, 1855: 394 (part) (not Sturm, 1843; not Thomson, 1860) [instead of (...; not Thomson 1861)]

P. 214

Lagocheirus binumeratus Thomson, 1860: 9 [instead of 1861: 9]

and among the synonymic entries, one of the synonymic entries TO BE DELETED:

binumeratus Bates, 1872: 210 (not Thomson, 1860) [TO BE DELETED since a part of this entry is wrong, and once corrected it is superfluous]

Note. This synonymic entry is undoubtedly erroneous. If the *binumeratus* of Bates (1872) is not the same as the *binumeratus* of Thomson (1860: 9), how could it be placed in synonymy with *Lagocheirus binumeratus* Thomson, 1860? Bates' name actually corresponds to a subsequent citation of Thomson's name, which is a kind of entry not listed in this Checklist; it is superfluous and must be deleted.

Lagocheirus obsoletus Thomson, 1860: 10 [instead of 1861: 10]

Under *Lagocheirus obsoletus* subsp. *dezayasi* Dillon, 1957, the synonymic entry:

obsoletus: Gahan, 1895: 130 (not Thomson, 1860) [instead of (not Thomson 1861)]

P. 215

Under *Lagocheirus procerus* Casey, 1913, the synonymic entry:

obsoletus: Horn, 1880: 117 (not Thomson, 1860) [instead of (not Thomson 1861)]

P. 222

Under *Moneilema albopictum* White, 1856, among the synonymic entries:

lecontei Thomson, 1860: 25 [instead of 1861: 25]

P. 223

Under *Nealcidion* Monné, 1977, the synonymic entry:

Alcidion Thomson, 1860: 12 [instead of 1861: 12]

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Nealcidion latum Thomson, 1860: 12 [instead of 1861: 12]

Under *Neoeutrypanus nitidus* White, 1855, the synonymic entry:
venezuelensis Thomson, 1860: 13 [instead of 1861: 13]

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Trypanidius dimidiatus Thomson, 1860: 8 [instead of 1861: 8]

Trypanidius mexicanus Thomson, 1860: 8 [instead of 1861: 8]

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Acanthoderini Thomson, 1860: 5 [instead of 1861: 5]

Original spelling: Acanthoderitae Thomson, 1860: 2 (key), 5

And under it:

Oreoderitae Thomson, 1860: 29 [instead of 1864: 15]

Dryoctenitae Thomson, 1860: 29 [instead of 1861: 29]

P. 243

Criopsis Thomson, 1861: 341 [instead of 1860: 341]

P. 244

Exalphus leuconotus (Thomson, 1860: 10) [instead of 1861: 10]

P. 249

Under *Steirastoma histrionica* White, 1855, the synonymic entry:

larva Thomson, 1860: 6 [instead of 1861: 6]

P. 252

Oreodera hoffmanni Thomson, 1860: 28 [instead of 1861: 28]

P. 253

Oreodera tenebrosa Thomson, 1865: 542 [instead of 1864: 542]

Oreodera tuberculata Thomson, 1865: 542 [instead of 1864: 542]

Note. See Thomson, J. 1865b in the *References related to the corrections* section.

P. 257

Under Agapanthiini Mulsant, 1839, one of the synonymic entries:

Hippopsitae Thomson, 1860: 123 [instead of 1861: 123]

P. 258

Under *Aphies erythrodera erythrodera* Duponchel & Chevrolat, 1861, the synonymic entry:

apicalis Thomson, 1860: 44 [instead of 1861: 44]

P. 260

Anisocerini Thomson, 1860: 31 [instead of 1861: 31, 339] [delete ", 339"]

Original spelling: Anisoceritae Thomson, 1860: 31 (key)

Note. "Anisoceritae" appears in a key on page 31, and also as a main entry with the description on page 339.

Page 31 must be retained as the page where this family group name was established because it was published in 1860 whereas page 339 was published in 1861.

P. 261

Cyclopeplus batesii Thomson, 1860: 32 [instead of *batesi* Thomson, 1861: 32]

Cyclopeplus cyaneus Thomson, 1860: 33 [instead of 1861: 33]

P. 264

Apomecynini Thomson, 1860: 68 [instead of 1861: 68]

Original spelling: Apomecynitae Thomson, 1860: 42 (key), 68

P. 270

Ischioloncha wollastonii Thomson, 1860: 123 [instead of *wollastoni* Thomson, 1861: 123]

P. 273

Symperga balyi Thomson, 1860: 121 [instead of 1861: 121]

P. 276

Under *Chereas* Thomson, 1864, the synonymic entry:

Atelodesmis Thomson, 1860: 62 (misidentification, not Buquet, 1857) [instead of 1861: 62]

P. 277

Gryllica flavopustulata Thomson, 1860: 121 [instead of 1861: 121]

P. 279

Colobothini Thomson, 1860: 18 [instead of 1861: 18]

Original spelling: Colobothitae Thomson, 1860: 2, 7 (keys), 18

Allocarterica buquetii (Thomson, 1860: 20) [instead of 1861: 20]

Apechthes Thomson, 1861: 362 [instead of 1860: 362]

Carneades grandis (Thomson, 1860: 21) [instead of 1861: 21]

P. 280

Under *Carterica mucronata* (Olivier, 1800: 30), one of the synonymic entries:

colobothoides Thomson, 1860: 20 [instead of 1861: 20]

P. 287

Desmiphorini Thomson 1860: 74 [instead of 1861: 74]

Original spelling: Desmiphoritae Thomson, 1860: 3 (key), 74

And among the synonymic entries:

Hoplosia LeConte & Horn, 1883: 326 [To be removed from Desmiphorini and moved as synonym under *Acanthoderini* Thomson, 1860 on **page 238** [because type-genus *Hoplosia* Fairmaire, 1864 is a junior synonym of *Oplosia* Mulsant, 1863, a genus included in tribe *Acanthoderini* and thus making *Oplosiini* LeConte & Horn, 1883 a junior subjective synonym of *Acanthoderini* Thomson, 1860].

P. 290

Under *Desmiphora* (*Desmiphora*) *fasciculata* (Olivier, 1792), one of the synonymic entries:

gigantea Thomson, 1860: 75 [instead of 1861: 75]

Under *Desmiphora* (*Desmiphora*) *hirticollis* (Olivier, 1800), one of the synonymic entries:

mexicana Thomson, 1860: 75 [instead of 1861: 75]

P. 297

Ischnolea Thomson, 1861: 347 [instead of 1860: 347]

P. 301

Dorcaschematini Thomson, 1860: 107 [instead of 1860: 104]

original spelling: Dorcaschemitae Thomson, 1860: 104 (key), 107

Note. In the key on page 104, and as main entry with description on page 107. For sake of consistency, when a genus appears on two different pages in a key and as a main entry with a description, the page of the main entry should be retained.

P. 304

Under Hemilophini Thomson, 1868, one of the synonymic entries:

Amphionychitae Thomson, 1860: 41 (key), 63, (*nomen oblitum*) [instead of Amphionychini Thomson, 1860: 63]

Original spelling: Hemilophitae Thomson, 1868: 189 (*nomen protectum*)

Under *Adesmus* Lepeletier & Audinet-Serville in Latreille, 1825, among the synonymic entries:

Amphionycha Thomson, 1860: 64 [instead of 1861: 64]

P. 305

Adesmus diana Thomson, 1860: 65 [instead of 1861: 65]

P. 309

Cirrhicera niveosignata Thomson, 1860: 64 [instead of 1861: 64]

P. 321

Under *Hammatoderus* Gemminger in Gemminger & Harold, 1873: 3022, the synonymic entry:

Hammoderus Thomson, 1860: 98 [instead of 1861: 98]

Hammatoderus lacordairei (Thomson, 1860: 98) [instead of 1861: 98]

Hammatoderus sallei (Thomson, 1860: 99) [instead of 1861: 99]

and the synonymic entry:

sallaei: Bates, 1880: 102 [instead of *sallaei* Bates, 1880] / a colon to be added after this species name because it's actually not a synonym but rather an incorrect subsequent spelling of *H. sallei* (Thomson, 1860).

Under *Hammatoderus thoracicus* (White, 1858), one of the synonymic entries:

spinipennis Thomson, 1860: 100 [instead of 1861: 100]

P. 323

Under *Taeniotes* Audinet-Serville, 1835: 90, the synonymic entry:

Hammoderus Thomson, 1856: 324, Pl. 8, fig. 1

Taeniotes luciani Thomson, 1859: 98 [instead of "1859: 96"]

P. 324

Taurolema bellatrix Thomson, 1860: 15 [instead of 1861: 15]

P. 325

Megabasini Thomson, 1860: 30 [instead of 1864: 23]

Original spelling: Megabasitae Thomson, 1860: 28 (key), 30

Mesosini Thomson, 1860: 35 [instead of 1861: 35]

Original spelling: Mesositae Thomson, 1860: 34 (key), 35

BUT, REPLACE Mesosini Thomson BY THE VALID OLDER NAME:

Mesosini Mulsant, 1839: 165

Original spelling: Mesosaires Mulsant, 1839: 165

Note. See Bouchard et al. (2011: 496) for the justification of this change: vernacular Mulsant's name latinized by Gistel (1848: [9]) (ICZN 1999, art. 11.7.2).

Synaphaeta Thomson, 1865: 370 [instead of 1864: 370]

Note. In *Livraison 4* (pp. 353-538) of Thomson's *Systema cerambycidarum* issued in 1865.

Onciderini Thomson, 1860: 38 [instead of 1861: 38]

Original spelling: Oncideritae Thomson, 1860: 3 (key), 38

And among the synonymic entries:

Hypsiomitae Thomson, 1860: 4 (key), 109 [instead of 1861: 109]

Onocephalitae Thomson, 1860: 8 (key), 120 [instead of Onocephalini 1861: 120 / AND remove the underline]

P. 327

Cipriscola fasciata (Thomson, 1860: 118) [instead of 1861: 118]

P. 328

Under *Eudesmus* Audinet-Serville, 1835, the synonymic entry:

Larvica Thomson, 1860: 71 [instead of 1861: 71]

P. 329

Under *Hypselomus* Perty, 1832, the synonymic entry:

Clytemnestra Thomson, 1860: 113 (part) [instead of 1861: 113]

Under *Hypselomus cristatus* Perty, 1832, the synonymic entry:

tumulosus Thomson, 1860: 113 [instead of 1861: 113]

Hypsioma affinis Thomson, 1860: 117 [instead of 1861: 117]

Hypsioma basalis Thomson, 1860: 117 [instead of 1861: 117]

P. 330

Ischiocentra Thomson, 1861: 382 [instead of 1860: 382]

P. 331

Lesbates axillaris (Thomson, 1860: 116) [instead of 1861: 116]

P. 332

Under *Neodillonia* Monné & Fragoso, 1984, the synonymic entry:

Clytemnestra Thomson, 1860: 113 (part) [instead of 1861: 113]

Under *Neodillonia albisparsa* (Germar, 1823), the synonymic entry:

bonariensis Thomson, 1860: 115 [instead of 1861: 115]

P. 339

Tulcus amazonicus (Thomson, 1860: 119) [instead of 1861: 119]

Tulcus subfasciatus (Thomson, 1860: 118) [instead of 1861: 118]

P. 342

Phrynetini Thomson, 1864: 71

Original spelling: Phrynetitae Thomson, 1864: 71

P. 345

Polyrhaphidini Thomson, 1860: 30

Original spelling: Polyrhaphitae Thomson, 1860: 3 (key), 30

Pteropliini Thomson, 1860: 73 [instead of 1861: 43, 73]

Original spelling: Pteropliitae Thomson, 1860: 43 (key), 73

And one of the synonymic entries:

Protorhopalitae Thomson, 1864: 69 [instead of 1861: 69] / see Bouchard et al. (2011: 500) for correct date of description.

P. 347

Under *Emphytoecia* Fairmaire & Germain, 1860: 529, one of the synonymic entries:

Amphytoecia: Thomson, 1861: 383 [instead of 1861: 383; add a colon after this genus name because it's actually not a synonym but rather an incorrect subsequent spelling]

P. 348

Under *Pteroplius* Lacordaire, 1830, the synonymic entry:

Pteroplia: Thomson, 1860: 73 [instead of *Pteroplia* Thomson, 1861: 73; add a colon after this genus name because it's actually not a synonym but rather an incorrect subsequent spelling of *Pteroplius*]

P. 349

Under Saperdini Mulsant, 1839: 181, among the synonymic entries:

Obereitae Thomson, 1864: 117 [original spelling instead of "Obereini Thomson, 1864: 117"]

P. 352

Tetraopini Thomson, 1860: 66 [instead of 1861: 66]

Original spelling: Tetraopesitae Thomson, 1860: 42 (key), 66

P. 354

Tetraopes cleroides Thomson, 1860: 66 [instead of 1861: 66]

Under *Tetraopes discoideus* LeConte, 1858: 26, one of the synonymic entries:

rubrocinereus Thomson, 1860: 67 [instead of 1861: 67]

G. Corrections to authors, dates and pages of description of taxa described in works of other authors.

P. 6

Under *Hypocephalus* Desmarest, 1832: pl. 24, the synonymic entry:

Mesoclastus Gistel, 1836: 3 [instead of "1837: 54"]

AND under *H. armatus* Desmarest, 1832: pl. 24, the synonymic entry:

paradoxus Gistel, 1836: 4 [instead of "1837: 54"]

Note. *Mesoclastus paradoxus* was established by Gistel (1836) in the booklet "Über eine neue Familie, Sippe und Gattung aus der Ordnung der Käfer." Gistel (1837) is a reprint of the same article under the title "*Mesoclastus paradoxus*, eine neue Familie, Sippe und Gattung aus der Ordnung der Käfer" in *Faunus* (Neue Folge) 1. See Gistel (1836; 1837) in the Section **References related to the corrections**. Both publications have been verified

P. 11

Heteropalpini Villiers, 1961: 385 [instead of 1980: 33] (see Bouchard et al. 2011: 453; Bouchard et al. (2024: 252) / see the reference to Villiers (1961) in the *References related to the corrections* section.

P. 14

Myzomorphus Sallé, 1850: 429 [instead of Dejean, 1835: 319]

Note. *Myzomorphus* Dejean, 1835 is a nomen nudum (unavailable name) because no available species was originally included by Dejean.

Myzomorphus scutellatus Sallé, 1850: 429 [instead of Sallé, 1849: 429]

Note. *Annales de la Société Entomologique de France* (série 2) 7 [1849], issue 4 (pages 373-467, lxxvii-cxxiii, pls.11-15) was first noticed April 29, 1850 (according to *Comptes Rendus de l'Académie des Sciences de France* 30, Bull. Bibliogr.: 574).

P. 18

Acanthinodera Hope, 1834: 106 [PN] [instead of 1833: 106]

Acanthinodera cumingii Hope, 1834: 105 [instead of 1833: 106]

Note 1. According to Peavot (1913: 814), volume 1 (2) of *The Transactions of the Zoological Society of London* was published by 25.IV.1834.

Note 2. Therefore, the synonym *scabrosus* Lequien, 1833: pl. 74 has date priority.

P. 19

Under *Basitoxus* Audinet-Serville, 1832, one of the synonymic entries:

Basitaxus: Desmarest, 1860: 307 (misspelling) [instead of *Basitaxus*; Chenu, 1870: 307]

Note. See Bousquet (2016: 143) for correct author and date of publication; Chenu is the editor, not the author; 1870 is the date of the first reissue and a third issue was published in 1884.

P. 24

Andinotrichoderes Tippmann, 1960: 97 [instead of "1960: 98" / page verified in the original publication]

Under *Meroscelisus* Audinet-Serville, 1832, one of the synonymic entries:

Meroscelicus: Desmarest, 1860: 308 (misspelling) [instead of *Meroscelicus*; Chenu, 1870: 308]

Under *Microphophorus* Blanchard in Gay, 1851, the synonymic entry:

Microphorus: Desmarest, 1860: 307 (misspelling) [instead of *Microphorus*; Chenu, 1870: 307]

Note. See Bousquet (2016: 143) for correct author and date of publication; Chenu is the editor, not the author; 1870 is the date of the first reissue and a third issue was published in 1884.

P. 25

Prionini Latreille, 1802: 212 [instead of 1804: 264] (see Bouchard et al. 2011: 454; Bouchard et al. 2024: 441).

Note. Yet, on page 13 of the Checklist, the correct date and page is used for the subfamily name Prioninae (a name established for a taxon at any rank in the family group is deemed to have been simultaneously

established for nominal taxa at all other ranks in the family group [Principle of coordination, ICZN 1999, article 36.1]).

P. 26

Prionus (Antennalia) fissicornis Haldeman, 1847: 125 [instead of "1845: 125"] (see Haldeman 1827a in the *References related to the corrections* section).

P. 30

Sphenostethus Haldeman, 1847: 126 [instead of "1846: 126"] (see Haldeman 1827a in the *References related to the corrections* section).

Under *Sphenostethus taslei* (Buquet, 1841: xxxix), one of the synonymic entries:

serripennis Haldeman, 1847: 126 [instead of "1846: 126"] (see Haldeman 1827a in the *References related to the corrections* section).

Lepturinae Latreille, 1802: 218 [instead of 1804: 305] (see Bouchard et al. 2011: 462; Bouchard et al. 2024: 291).

Note. Yet, on page 31 of the Checklist, the correct date and page is used for tribe name Lepturini (Principle of coordination; the same argument as for Prionini [P. 25] above).

P. 38

Under *Stenelytrana* Gistel, 1848: 132 [RN], the synonymic entry:

Stenura Dejean, 1835: 355 [JH; not Cuvier, 1829, Aves] [instead of "*Leptura (Stenura)* Dejean, 1837: 381"]

Note. *Stenura* appeared in Dejean's (1837: 381) Third catalogue but was proposed for the first time in his Second catalogue (Dejean 1835: 355), where it is not considered as a subgenus of *Leptura* but rather as a full rank genus. Original publication seen; see also Bousquet & Bouchard (2013: 93).

P. 39

Strangalia Dejean, 1835: 355 [instead of "Audinet-Serville, 1835: 220"]

Note 1. Dejean (1835) proposed this genus name as "*Strangalia. Serville*", but Dejean's name (recorded 22 August 1835) has priority since it was published before Audinet-Serville's (recorded 28 September 1835). See item "[8]" in Precedence section of Bousquet & Bouchard (2013: 8, 94).

Under *Strangalia bicolor* (Swederus, 1787: 197), one of the synonymic entries:

bicolorata: Turton, 1801: 352 [instead of Tarton, 1806] (spelling of author's name checked in the original publication / add a colon).

Note. See Bousquet (2016: 542-542) for the exact publication date; "1806" is the date of the second edition.

P. 44

Under *Centrodera* LeConte, 1850, among the synonymic entries:

Rhamnusium: Haldeman, 1847: 58 (not Latreille, 1829) [instead of *Rhamnusium* Haldeman, 1847]

Note. add a colon after genus name since it is actually not a genuine synonym but rather a misinterpretation by Haldeman of Latreille's genus name.

P. 47

Under *Rhagium* Fabricius, 1775: 182, one of the synonymic entries:

Harpium: Reitter, 1913: 6 [misspelling of *Hargium* Samouelle, 1819] [instead of "Reitter, 1912: 6" / see full reference in *References related to the corrections* section]

Under *Stenocorus (Stenocorus)* Geoffroy, 1762: 221, the synonymic entry:

Stenochorus: Reitter, 1913: 8 [misspelling / add a colon] [instead of "Reitter, 1912: 8"]

P. 49

Under *Asemini* Thomson, 1861: 259, one of the synonymic entries:

Tetropiina Reitter, 1913: 42 [instead of "Reitter, 1912: 42 (part)"]

P. 56

Under *Callichroma* Latreille, 1816: 24, one of the synonymic entries:

Pallene Gistel, 1848: 428 [instead of "1848: 130"]

Note. *Pallene* Gistel, 1848a: 428 was published in May 1848, and *Pallene* Gistel, 1848b: xi, 130 in June 1848.

P. 58

Under *Plinthocoelium columbinum* (Guérin-Méneville, 1838: 282), the synonymic entry:

virens: Drury, 1773: 89 (misidentification; not Linnaeus, 1758) [instead of "*virens* Drury, 1770: 89" / add a colon]

Note 1. Drury described and illustrated cerambycid species in Volumes I and II of his *Illustrations of natural history* respectively published in 1770 and 1773, but did not provide for them names formed in accordance with the principle of binominal nomenclature in the texts or on the plates. The names of the new species were only mentioned in the Indexes. There was no index issued with Volume I in 1770. The "*INDEX to the FIRST VOLUME. Names of the Insects, according to the System of Linnaeus*", often bound with Volume I in libraries, was published with Volume II in 1773. The ICZN (1957) ruled in Opinion 474 that 1773, the date of publication of the index to Volume I, is the official date of publication of the species described and figured but not named in the first volume.

Note 2. All the other species names in the Checklist that were proposed by Drury in *Illustrations of natural history* have the correct date 1773.

P. 59

Callidium Fabricius, 1775: 187 [instead of Mulsant, 1839: 42]

Note. see Bousquet et al. (2009: 43) and Bouchard et al. (2024: 97).

Under *Callidium* Fabricius, 1775: 187, one of the synonymic entries:

Callidium (*Callidostola*) Reitter, 1913: 37 [instead of "Reitter, 1912: 37"]

Under *Phymatodes* Mulsant, 1839: 47, three of the synonymic entries:

Phymatodes (*Melasmetus*) Reitter, 1913: 39 [instead of "Reitter, 1912: 39"]

Phymatodes (*Phymatoderus*) Reitter, 1913: 39 [instead of "Reitter, 1912: 39"]

Phymatodes (*Phymatodellus*) Reitter, 1913: 40 [instead of "Reitter, 1912: 40"]

P. 61

Under *Pronocera* Motschulsky, 1859: 494, one of the synonymic entries:

Potocallidium: Reitter, 1913: 38 [misspelling of *Protocallidium* Csiki, 1904 / add a colon] [instead of "Reitter, 1912: 38"]

Pronocera collaris collaris (Kirby in Richardson, 1837: 171) [instead of 1837: 141] (page checked in the original publication).

Ropalopus Mulsant, 1839: 40 [instead of 1839: 39] (original publication seen)

Note. Page 39 is where the name appears in the key to genera of Callidiariae. The main entry of the genus with its description is on page 40. *Semanotus* also appears in the key page 39, yet "1839: 54", corresponding to the main entry with the description, is given for *Semanotus* in the Checklist. So, for sake

of consistency, when a genus name appears on two different pages, i.e. in a key and as a main entry with a description, the page of the main entry should be retained. The page of the key should be used only when there is no description under the main entry or when the key is in a different part of the work published before that of the main entry.

P. 63

Plocaederus Dejean, 1835: 321 [instead of "Dejean, 1835: 319 (not Dejean, 1821: 105)"; delete "(not Dejean, 1821)"]

Note. *Plocaederus* was not found on page 105 in Dejean (1821) or anywhere else in the 1821 Catalogue. It is found only on page 321 (page checked in the original work) in the second Catalogue (Dejean 1835). "(not Dejean, 1821)" was most likely misplaced and should rather have been placed at the end of the first synonymic entry "*Hamaticherus* Audinet-Serville, 1834: 15".

P. 69

Glycobius speciosus (Say, 1824: 290) [instead of 1828: 53]

Note. Original description seen. Species described as *Clytus speciosus* in Say (1824c), its description ending just above that of *Xylotrechus undulatus* (Say, 1824: 291).

P. 75

Under *Unaiuba beltiana* (Bates, 1872: 186), the synonymic entry:

lebasii: Bates, 1872: 186 (misidentification; not Chevrolat, 1861) [instead of *lebasii* Bates, 1872: 186 (not Chevrolat, 1862)]

P. 76

Xylotrechus (Rusticoclytus) annosus annosus (Say, 1826: 277) [instead of 1827: 277]

Note. See Say (1825-1826) and Fox (1913: viii) [references in the *References related to the corrections* section] for details about dates of publication. [J. Acad. Nat. Sci. Philadelphia 5: 237–284, XI.1826].

P. 77

Xylotechus (Xylotrechus) schaefferi Schott, 1926: 224 [instead of 1925: 224]

Note. Seen at bottom of page 2 of wrapper of J. N.Y. Entomol. Soc. 34 issue 1 (March 1926): "NOTICE: Volume XXXIII Number 4 of the Journal of the New York Entomological Society was published on January 19, 1926."

P. 78

Under *Compsocerus violaceus* (White, 1853: 147), one of the synonymic entries:

equestris: Gounelle, 1911: 79 (misidentification; not Guérin-Méneville, 1844) [instead of "*equestris* Gounelle, 1911: 181"]

Note. Gounelle published this article in two parts in *Ann. Soc. Entomol. France*: In vol. 77 (1908): 587-688 and in Vol. 80 (1911): 1-150. There is an additional pagination between parentheses exclusively for this article, most likely for reprint purposes: (1) to (102) for pages 587-688 of the first part, and (103) to (252) for pages 1-150 of second part. The actual page where "*equestris*" appears is 79 in Volume 80 (1911).

P. 79

Under *Orthostoma* Lacordaire, 1830, among the synonymic entries:

Maxillaria Gistel, 1848: X [instead of "1848: "] [page checked in the original publication in Gistel (1848b)]

P. 80

Dichophyiini Gistel, 1848a: [8] [instead of 1848: 8]

Note. See Bouchard *et al.* (2011: 473 as Dichophyidae, a synonym under Heteropsini). The page should be placed between square brackets because Gistel's work is not paginated; "[8]" stands for "eighth" unpaginated page. "Bousquet *et al.* (2009: 48) cited "1848: [2]" because they counted separately the unpaginated pages for each of the issues 6 to 11 of the journal *Isis von Oken* volume of 1848 (see Gistel 1848a: p. [8] in issue 9).

P. 83

Homogenes Thomson in Chevrolat, 1863: 751 [instead of 1862: 751]

Note. Tome 4 (pages 637-796 + xli-lvi) of Ann. Soc. Ent. France (sér. 4) vol. 2 [1862] was issued March 11, 1863 as indicated on the wrapper.

P. 84

Stratone transversalis (Chevrolat, 1863: 752 [instead of 1862: 752]

Note. Tome 4 (pages 637-796 + xli-lvi) of Ann. Soc. Ent. France (sér. 4) vol. 2 [1862] was issued March 11, 1863 as indicated on the wrapper.

P. 94

Ambonus Gistel, 1848: xi [instead of 1848: 11] [page checked in the original publication]

P. 103

Lanephus njumanii Haldeman, 1848: 375 [instead of "1847: 375"] (see Haldeman 1848 in the *References related to the corrections* section).

P. 106

Under *Paranyssicus quadriguttatus* (Buquet, 1860: 627) [instead of "... Buquet, 1860: 627 (not Swederus, 1787)"]

Note. "(not Swederus, 1787)" is the kind of statement used to indicate a preoccupied name or a misidentification, which is not the case here. It is superfluous and should be deleted because *Paranyssicus quadriguttatus* (Buquet) and *Nyssicus quadriguttatus* (Swederus) have never been combined with the same genus and have never been confused with each other.

P. 111

Stizocera ignea Martins, Santos-Silva, Galileo & Limeira-de-Oliveira, 2015: 604 [instead of Martins et al 2014: 604]

Note. 2015, not 2014: In *Zoologia* 31 [2014], issue 6 (Dec), "Date of issue Dec 2014 / Publication in this collection 22 jan 2015" (see "history" at the bottom of "<https://www.scielo.br/j/zool/a/96QCp9CfzyyMwKqdxCwHwhJ/?lang=en>")

P. 122

Hylotrupini Rose, 1983: 48 [instead of Zagajkevitch, 1991: 67] (see Bouchard & Bousquet 2020: 106)

P. 124

Under *Methia* Newman, 1842: 418, one of the synonymic entries:

Tessaropa Haldeman, 1848: 375 [instead of "1847: 126"] (see Haldeman 1848 in the *References related to the corrections* section).

P. 125

Methia tenuipes (Haldeman, 1847: 126) [instead of "1846: 126"] (see Haldeman 1847a in the *References related to the corrections* section).

And under it, one of the synonymic entries:

ventralis Haldeman, 1848: 375 [instead of "1847: 126"] (see Haldeman 1848 in the *References related to the corrections* section).

P. 126

Molorchini Gistel, 1848: [9] [instead of 1848: 2]

Note. See Bouchard *et al.* (2011: 475). The page must be placed between square brackets because Gistel's work is not paginated; "[9]" stands for "ninth unpaginated page". Bousquet *et al.* (2009: 50) cited "1848: [2]" because they misinterpreted the unpaginated pages in Gistel (1848a: p. [9] in issue 9 of 1848 volume of *Isis von Oken*).

P. 140

Cosmoplatus polus Hernandez, Santos-Silva & Nascimento, 2019: 88 [instead of "2019: 2"]

Note. The species is described on the 2th page of the PDF separata (reprint), but it corresponds to page 88 in the original publication (Ann. Soc. Entomol. France (n. ser.) 55: 87-99).

P. 142

Anomaloderes Clarke, 2015: 27 [instead of "2015: 28"]

Note. The main entry of the genus appears on page 27 (checked in the original publication).

P. 162

Callimus Mulsant, 1846: [17] [instead of "1864: 4"]

Note. Original publication seen. The genus *Callimus* was first established on the 17th page in the unpaginated 26-page appendix at the end of *Histoire naturelle des Coléoptères de France* [volume 4]. *Sulcicolles*, *Sécuripalpes*. In this appendix, "*Longicornes - supplément*" forms a 16-page section from page [11] to [26].

P. 175

Ctenodes Olivier, 1808: 779 [instead of 1807: 779]

Ctenodes decemmaculata Olivier, 1808: 781 [instead of 1807: 781] (see Bousquet 2016: 393).

Under *Cyphosterna* Chevrolat, 1863: 752, the synonymic entry:

Dioxiotes Chevrolat, 1863: 757 [instead of 1862: 757]

Note. Tome 4 (pages 637-796 + xli-lvi) of Ann. Soc. Ent. France (sér. 4) vol. 2 [1862] was issued March 11, 1863 as indicated on the wrapper.

Under *Deltaspis* Audinet-Serville, 1834, the synonymic entry:

Eudoxilus Dejean, 1835: 323 (nomen nudum) [instead of *Eudoxilus* Lacordaire, 1869: 172]

Note. This genus name is NOT A SYNONYM because Lacordaire did not provide a description of the genus. It is rather a synonym citation by Lacordaire of "*Eudoxilus* Dejean, 1835: 323", a genus name listed in Dejean's second Catalogue as "*Eudoxilus* Dupont" without including any available species names and therefore a nomen nudum. This name should not be included in the synonymic list of *Deltaspis*.

P. 177

Eriphus haematoderus Chevrolat, 1863: 750 [instead of "... 1862: 750"]

Under *Eriphus rubricollis* Klug, 1829: 82, one of the synonymic entries:

purpuratus Chevrolat, 1863: 748 [instead of "... 1862: 748"]

Note. For the two taxa listed above, the change from 1862 to 1863 was reported in the **2024 Update for the Checklist ... through December 2023** but was not made in the most recent Checklist. Tome 4 (pages 637-796 + xli-lvi) of Ann. Soc. Ent. France (sér. 4) vol. 2 [1862] was issued March 11, 1863 as indicated on the wrapper.

P. 178

Under *Lophalia* Casey, 1912: 333, the synonymic entry:

Entomosterna LeConte, 1873: 314 (not Chevrolat, 1863) [instead of 1862]

Note. This entry refers to "not Chevrolat, 1863: 752". Tome 4 (pages 637-796 + xli-lvi) of Ann. Soc. Ent. France (sér. 4) vol. 2 [1862] was issued March 11, 1863 as indicated on the wrapper.

P. 180

Neotaphos Fisher, 1937: 324 [instead of 1936: 324 / 1937, as correctly dated in the References section of the Checklist on page 393]

Note. Published in *Revista Chilena de Historia Natural* 40 [1936], a volume published late in a single issue in 1937.

P. 189

Engyum vicinum Martins, Santos-Silva, Galileo & Limeira-de-Oliveira, 2015: 607 [instead of Martins et al 2014: 607]

Note. 2015, not 2014: In *Zoologia* 31 [2014], issue 6 (Dec), "Date of issue Dec 2014 / Publication in this collection 22 jan 2015" (see "history" at the bottom of "<https://www.scielo.br/j/zoologia/a/96QCp9CfzyyMwKqdxCwHwhJ/?lang=en>")

P. 199

Thoracibidion rubripenne Martins, Santos-Silva, Galileo & Limeira-de-Oliveira, 2015: 610 [instead of Martins et. al. 2014: 610]

Note. 2015, not 2014: In *Zoologia* 31 [2014], issue 6 (Dec), "Date of issue Dec 2014 / Publication in this collection 22 jan 2015" (see "history" at the bottom of "<https://www.scielo.br/j/zoologia/a/96QCp9CfzyyMwKqdxCwHwhJ/?lang=en>")

P. 203

In section "Cerambycine taxa of uncertain identity":

Clytus carinatus Laporte & Gory, 1836: 19 [instead of "Laporte & Gory 1835: 19" / add a comma after "Gory"]

P. 205

Under *Anisopodus* White, 1855: 349 [RN], one of the synonymic entries:

Anisopus Audinet-Serville, 1835: 30 (preoccupied; not Meigen, 1803 (= *Sylvicola* Harris, 1780), Diptera) [instead of "... (not Haan, 1835)"]

P. 210

Cosmotoma Chevrolat, 1843: 269 [instead of Blanchard, 1845: 155]

Note. Chevrolat (1844) unequivocally described this genus in livraisons 40-41 (pages ?193–204) in volume 4 of d'Orbigny's Dictionnaire universel published in November 1843 (see Bousquet 2016: 609 for publication date).

P. 211

Under *Eutrichillus* Bates, 1885, one of the synonymic entries:

Ceratographis Gahan, 1888: 300 [instead of 1887: 300]

Note. All issues of Trans. Amer. Entomol. Soc. 15 published from January to December 1888. Gahan's paper was not published until the end of November 1888 since it was not ordered for publication until 22 Nov 1888 (*Proc. Ent. Sect. Acad. Nat. Sci.* 1888: xi) and Part 4 was not received at MCZ until 30 March 1889.

P. 212

Under *Eutrypanus dorsalis* (Germar, 1823: 472), one of the synonymic entries:

histrionicus Gistel, 1848: 131 [instead of 1848: 430]

Note 1. On page 131. Page checked in the original publication. There is no page 430 in Gistel (1848b [pp. 1-216]). The wrong page "1848: 430" is also given on Titan.gbif.fr website.

Graphisurus Kirby in Richardson, 1837: 169 [instead of LeConte, 1852: 174 (not Kirby, 1837)]

Note. Although Kirby included *Acanthocinus pusillus* as a new species under *Acanthocinus* (*Graphisurus*), he stated four lines above that "The type of this subgenus is *Cerambyx fasciatus* De Geer", which makes him the author of *Graphisurus* with *fasciatus* DeGeer as type species. "LeConte, 1852: 174 (not Kirby, 1837)" corresponds to the wrong interpretation of Linsley & Chemsak (see Bousquet 2008: 619-620).

P. 218

Under *Lepturges* (*Chaeturges*) *inscriptus* Bates, 1863: 371, one of the synonymic entries:

fragillimus: Bates, 1874: 230 (misidentification; not Bates, 1863) [instead of "*fragillima* Bates, 1873: 230 (not Bates, 1863)"]

Note. For sake of consistency, the synonyms should be listed in the Checklist only in their original spelling as proposed in their original combination (*Lepturges fragillimus*) (spelling checked in the original publication).

P. 220

Lepturges (*Lepturges*) *onorei* Santos-Silva, Nascimento, Botero & McClarin, 2021: 260 [instead of Santos-Silva et. al., 2021: 3 / Page checked in the original paper edition]

Note. The species is described on the 3th page of the original PDF edition, but it corresponds to page 260 in the paper issue (*Ann. Soc. Entomol. France* (n. ser.) 57: 258–288). It is recommended by Krell (2015) to use the final page numbers, since they are better finding aids, when pagination in an available electronic work differs from the pagination of the same work subsequently assigned to a particular journal issue, especially since the pagination of the PDF available now on the publisher website (Taylor & Francis online) was modified from 1–31 to 258–288 after the publication of the paper edition.

P. 221

Lophopoeum saronotum Bates, 1872: 215 [instead of "... 1872: 214"] [Page checked in the original publication]

P. 224

Nealcidion ghiae Santos-Silva, Nascimento, Botero & McClarin, 2021: 262 [instead of "Santos-Silva et. al. 2021: 5" / Page checked in the original publication]

Note. The species is described on the 5th page of the original PDF edition, but it corresponds to page 262 in the paper issue (*Ann. Soc. Entomol. France* (n. ser.) 57: 258–288). It is recommended by Krell (2015) to use the final page numbers, since they are better finding aids, when pagination in an available electronic work differs from the pagination of the same work subsequently assigned to a particular journal issue, especially

since the pagination of the PDF available now on the publisher website (Taylor & Francis online) was modified from 1–31 to 258–288 after the publication of the paper edition.

P. 229

Periestola mazai Santos-Silva, Nascimento, Botero & McClarin, 2021: 273 [instead of "Santos-Silva et. al. 2021: 16 new species" / Page checked in the original publication / DELETE "new species"]

Note. The species is described on the 16th page of the original PDF edition, but it corresponds to page 273 in the paper issue (Ann. Soc. Entomol. France (n. ser.) 57: 258–288). It is recommended by Krell (2015) to use the final page numbers, since they are better finding aids, when pagination in an available electronic work differs from the pagination of the same work subsequently assigned to a particular journal issue, especially since the pagination of the PDF available now on the publisher website (Taylor & Francis online) was modified from 1–31 to 258–288 after the publication of the paper edition.

P. 232

Sternidius alpha (Say, 1826: 270) [instead of 1827: 270]

Note. See Say (1825-1826) and Fox (1913: viii) [references in the *References related to the corrections* section] for details about dates of publication. [J. Acad. Nat. Sci. Philadelphia 5: 237–284, XI.1826]

P. 235

Tropanisopodus kozlovi Santos-Silva, Nascimento, Botero & McClarin, 2021: 274 [instead of "Santos-Silva et. al. 2021: 17" / Page checked in the original publication]

Note. The species is described on the 17th page of the original PDF edition, but it corresponds to page 274 in the paper issue (Ann. Soc. Entomol. France (n. ser.) 57: 258–288). It is recommended by Krell (2015) to use the final page numbers, since they are better finding aids, when pagination in an available electronic work differs from the pagination of the same work subsequently assigned to a particular journal issue, especially since the pagination of the PDF available now on the publisher website (Taylor & Francis online) was modified from 1–31 to 258–288 after the publication of the paper edition.

P. 236

Tropidozineus salazarae Santos-Silva, Nascimento, Botero & McClarin, 2021: 277 [instead of "Santos-Silva et. al. 2021: 20" / Page checked in the original publication]

Note. The species is described on the 20th page of the original PDF edition, but it corresponds to page 277 in the original publication (Ann. Soc. Entomol. France (n. ser.) 57: 258–288). It is recommended by Krell (2015) to use the final page numbers, since they are better finding aids, when pagination in an available electronic work differs from the pagination of the same work subsequently assigned to a particular journal issue, especially since the pagination of the PDF available now on the publisher website (Taylor & Francis online) was modified from 1–31 to 258–288 after the publication of the paper edition.

P. 237

Urgleptes keili Santos-Silva, Nascimento, Botero & McClarin, 2021: 279 [instead of "Santos-Silva et. al. 2021: 22" / Page checked in the original publication]

Note. The species is described on the 22th page of the original PDF edition, but it corresponds to page 279 in the original publication (Ann. Soc. Entomol. France (n. ser.) 57: 258–288). It is recommended by Krell (2015) to use the final page numbers, since they are better finding aids, when pagination in an available electronic work differs from the pagination of the same work subsequently assigned to a particular journal issue, especially since the pagination of the PDF available now on the publisher website (Taylor & Francis online) was modified from 1–31 to 258–288 after the publication of the paper edition.

Urgleptes navarretei Santos-Silva, Nascimento, Botero & McClarin, 2021: 282 [instead of "Santos-Silva et. al. 2021: 25" / Page checked in the original publication]

Note. The species is described on the 25th page of the original PDF edition, but it corresponds to page 282 in the original publication (Ann. Soc. Entomol. France (n. ser.) 57: 258–288). It is recommended by Krell (2015) to use the final page numbers, since they are better finding aids, when pagination in an available electronic work differs from the pagination of the same work subsequently assigned to a particular journal issue, especially since the pagination of the PDF available now on the publisher website (Taylor & Francis online) was modified from 1–31 to 258–288 after the publication of the paper edition.

P. 238

Urgleptes querci (Fitch, 1859: 796) [instead of 1858: 796]

Note. "Fifth report on the noxious and other insects of the State of New York ..." issued in Transactions of the New York State Agricultural Society 1858 published in 1859 (see Linsley & Chemsak [The Cerambycidae of North America VIII] 1997: 67).

P. 241

Aegomorphus quadrigibbus (Say, 1831: 9) [instead of 1835: 195]

P. 258

Aphies Duponchel & Chevrolat in d'Orbigny, 1841: 648

Note. Genus name first proposed by Dejean (1835: 353) but there was no available species included and the name is therefore a nomen nudum. Duponchel & Chevrolat in d'Orbigny (1841: 648) referred to Dejean (1835) but provided a description and thus made the name available.

Aphies erythrodera erythrodera Duponchel & Chevrolat in d'Orbigny, 1841: 649 [instead of Duponchel & Chevrolat, 1861: 189]

Note. In the same entry of Orbigny's Dictionnaire where they made available the genus name *Aphies*, Duponchel & Chevrolat (1841: 649) provided a description for *A. erythrodera* and designated it as the type species of the genus, making the species name available from that date. The description given by Chevrolat (1861: 189) [note: NOT Duponchel & Chevrolat, 1861: 189] is just a subsequent description, not the original description.

Aprosopus C. d'Orbigny, 1841: 40 [instead of 1842: 40]

Note. Genus name established in Dictionnaire universel d'histoire naturelle Tome 2, pages 1-320 (livraisons 13–17) issued 1 February to November 1841 (Bousquet 2016: 609). Page 40 is in a section published 1 February 1841 (Evenhuis 2019: 6). FYI, Livraisons 18–24, pages 321-795, issued 24 January to 30 June 1842.

P. 260

Under *Anisocerus scopifer* (Germar, 1823), one of the synonymic entries:

scopigera: Lacordaire, 1872: 723 [instead of *scopigera* Lacordaire, 1872]

Note. Add a colon after the species name because it's actually not a synonym but rather an incorrect subsequent spelling of *Lamia scopifera* Germar.

P. 269

Dorcasta Pascoe, 1858: 264 (nomen protectum) [add "(nomen protectum)"]

And under it, among synonymic entries:

Gnaphalocera Dejean, 1835: 349 (nomen nudum) [add "(nomen nudum)"]

Gnaphalocera Chevrolat in d'Orbigny, 1845: 245 (nomen oblitum) [instead of Chevrolat, 1845, AND add "(nomen oblitum)"] (checked in the original publication: Dictionnaire universel, Tome 6)

Under *Dorcasta dasycera* (Erichson in Schomburgk, 1848: 574) (nomen protectum), among the synonymic entries:

lincta Dejean, 1835: 349 (nomen nudum) [instead of *linta* Dejean, 1835: 349] (spelling checked in the original publication)

linta Chevrolat in d'Orbigny, 1845: 245 (nomen oblitum) [instead of Chevrolat, 1845] (checked in the original publication: Dictionnaire universel, Tome 6)

P. 275

Callia purpureipennis Gistel, 1848: 131 [instead of 1848: 431]

Note 1. Page checked in the original publication. There is no page 431 in Gistel (1848b [pp. 1-216]); FYI, same wrong page citation "1848: 431" on titan.gbif.fr website.

P. 288

Atelodesmis Duponchel & Chevrolat, 1841: 286 [instead of Buquet, 1857: 334]

Note. Checked in the original publication: the genus was first established by Duponchel & Chevrolat in d'Orbigny's Dictionnaire universel d'histoire naturelle, Tome 1.

P. 299

Psenocerus supernotatus (Say, 1824: 425) [instead of 1823: 425]

Note. J. Acad. Nat. Sci. Philadelphia 3 [1823-1824]: pp. 1–224 issued from January to December 1823; pp. 225–480 issued from January to June 1824.

P. 301

Dorcaschema Chevrolat in d'Orbigny, 1844: 110 [instead of Chevrolat, 1844: 54] (checked in the original publication: Dictionnaire universel, Tome 5, livraison No 50, 1.VII.1844).

P. 303

Saepiseusthes Thomson, 1868: 140 [instead of 1868: 141]

Note. Checked in the original publication: generic entry and beginning of the description on page 400.

P. 305

Adesmus clathratus (Gistel, 1848: 190) [instead of 1848: 624]

Note. The description was published in both Gistel (1848a: 624) and Gistel (1848b: 190), using exactly the same text. The whole work by Gistel (1848b) was published [31].VI.1848 but Gistel (1848a) was published in four Lieferungen, L. 1, 2–3, and 4 on three different dates respectively. Although Lieferungen 1 to 3 (pp. 1–480) of Gistel (1848a) was published by 20.VII.1848, Lieferung 4, pages 481–640, was published [31].VII.1848. So, the species name was first described in Gistel (1848b) on page 190 (see Bousquet 2016: 217).

P. 307

Arabela Hernandez, Santos-Silva & Nascimento, 2019: 93 [instead of "2019: 7"]

ramirezi Hernandez, Santos-Silva & Nascimento, 2019: 94 [instead of "2019: 8"]

Note. The genus is described on the 7th page of the PDF separata (reprint), but it corresponds to page 93 in the original publication, and the species is described on the 8th page of the PDF corresponding to page 94 (Ann. Soc. Entomol. France (n. ser.) 55: 87-99).

P. 321

Hammatoderus garciaorum Santos-Silva & Botero, 2018: 284 [instead of "..., 2018: 12"]

Hammatoderus wappesi Santos-Silva & Botero, 2018: 282 [instead of "..., 2018: 10"]

Note. The two species above are described respectively on the 12th and 10th pages of the PDF separata (reprint), which respectively correspond to pages 284 and 282 in the original publication (Ann. Soc. Entomol. France (n. ser.) 54: 273-291).

Hebestola Chevrolat in d'Orbigny, 1845: 496 [instead of Chevrolat 1845: 54] (page checked in the original publication: Dictionnaire universel, Tome 6, 28.IV–22.XII.1845).

Hebestola pullata (Haldeman, 1847: 55) [instead of "(Haldeman, 1847: 54)"] (checked in the original publication)

Note. Haldeman (1847c) described *Hebestola nebulosa* on page 54 and *Saperda pullata* on page 55.

P. 322

Monochamini Gistel, 1848: [9] [instead of 1848: 9] [TO BE PLACED as junior synonym under *Lamiini* Latreille, 1825: 401]

Note. See Bouchard *et al.* (2011: 496). The page must be placed between square brackets because Gistel's work is not paginated. "[9]" stands for "ninth unpaginated page". Bousquet *et al.* (2009: 33) cited "1848: [2]" because they misinterpreted the unpaginated pages in Gistel (1848a: p. [9] in issue 9).

Under *Monochamus* Dejean, 1821: 106, one of the synonymic entries:

Monohammus Dejean, 1835: 340 [UE] [instead of "1837: 366"] (for date and page, see Bousquet & Bouchard 2013: 86).

Monochamus carolinensis (Olivier, 1797: 463) [instead of 1792: 463]

Note. Explanation by Bousquet *et al.* (2017: 148-149); see exact reference to Olivier (1797) in the *References related to the corrections* section (in *Encyclopédie méthodique Tome 7* [livraison 61], pp. 369–827, issued 9.II.1797). FYI, "1792" is the date on the title page of the first part of Tome 7 [livraison 54], pp. 1–368, actually issued 13 May 1793 (see Bousquet 2016: 394–395).

P. 325

Under *Apamauta* Thomson, 1868, the synonymic entry:

Apamanta: Lacordaire, 1872: 674 (misspelling) [instead of *Apamanta* Lacordaire, 1872]

Note. Add a colon after the species name because it's actually not a synonym but rather an incorrect subsequent spelling of *Apamauta* Thomson, 1868.

P. 328

Hesycha Fairmaire & Germain, 1860: 523 [instead of "1859: 523"]

Note. See Fairmaire & Germain (1860) in the *References related to the corrections* section. Note that the species *Hesycha cribripennis* Fairmaire & Germain, published on the same page, is listed with the correct date 1860 in the Checklist.

P. 343

Pogonocherini Mulsant, 1839: 181 [instead of 1839: 118]

Note. Page checked in the original publication. Page 118 is where the name appears in the key; the main entry with the description is on page 181.

Under *Ecyrus* LeConte, 1852: 160, one of the synonymic entries:

Exocentrus: Haldeman, 1847: 50 (misidentification; not Dejean, 1835) [instead of "(not Mulsant)"; Add a colon]

Note. Genus *Exocentrus* must be attributed to Dejean, 1835, not to Mulsant, 1839 (see Bousquet & Bouchard 2013: 82).

Ecyrus dasycerus dasycerus (Say, 1826: 270) [instead of 1827: 270]

Note. See Say (1825-1826) and Fox (1913: viii) [references in the *References related to the corrections* section] for details about dates of publication [J. Acad. Nat. Sci. Philadelphia 5: 237–284, XI.1826].

P. 345

Under *Polyrhaphis* Audinet-Serville, 1835, one of the synonymic entries:

Polyraphis: Lacordaire, 1872: 731 (misspelling) [instead of *Polyraphis* Lacordaire, 1872]

Note. Add a colon after the species name because it's actually not a synonym but rather an incorrect subsequent spelling of *Polyrhaphis* Audinet-Serville, 1835.

P. 346

Under *Ataxia* Haldeman, 1847: 56, three of the synonymic entries:

Stenidea: Haldeman, 1847: 373 (misidentification; not Mulsant, 1842) [instead of "(not Mulsant, 1847)" / add a colon]

Note. The exact date for "*Stenidea*: Mulsant" is 1842 (see in **section 3, sub-section G. Corrections to authors, dates and pages of description of taxa described in other works**) (on page 1 in: *Rectifications et additions à la monographie des longicornes*. [8] pp. *Supplement to*: Mulsant 1839. Histoire naturelle des coléoptères de France. Longicornes).

Ataxia crypta (Say, 1832: 5) [instead of 1831: 5]

Note. Yet, the Checklist is correct for the date of the synonym under *A. hubbardi* Fisher, 1924 "*crypta* Riley, 1880: 271 (not Say, 1832)" and also under "Say, T. 1832" in the *References* section of the Checklist, p. 466, but the confusion probably comes from the reference just above (Say, T. 1831) which has a similar title.

P. 349

Under *Mecas* LeConte, 1852, the synonymic entry:

Stenostola LeConte, 1852: 154 (not Dejean, 1835) [instead of "*Stenostola* LeConte, 1852: 154 (not Mulsant, 1839)"]

Note. Genus *Stenostola* must be attributed to Dejean, 1835, not to Mulsant, 1839 (see Bousquet & Bouchard 2013: 92).

P. 350

Oberea Dejean, 1835: 351 [instead of Mulsant, 1839: 194]

Note. See explanation in Bousquet & Bouchard (2013: 86-87) about authorship [as also reported by Bousquet et al. (2017: 177) and Bouchard et al. (2024: 364)].

Oberea affinis Dejean, 1835: 351 [instead of 1835: 155] (page checked in the original publication).

Oberea caseyi Plavilstshikov, 1927: 64 [instead of "1826: 64"] [Seen at the end of the article on page 68: "*Coleoptera*, tome II fasc. 2, janvier 1927 (Paris, P. Lechavalier)."]

And under it, among synonymic entries:

canadensis Fisher, 1945 [instead of 1946] [Seen in the original publication, at the bottom of page 56, the last page of volume 77, issue 3 (for March 1945): "Mailed Saturday, July 7th, 1945"] [Note: yet the date is correct under "Fisher, W. S. 1945" in the *References* section of the Checklist, p. 386]

Oberea praelonga Casey, 1913: 368 [instead of 1913: 367] (page checked in the original publication).

P. 351

Saperda (Compsidia) moesta subsp. *tulari* Joutel in Felt & Joutel, 1904: 70 [instead of Joutel, 1904: 70]

Note. The statement "in Felt & Joutel" should be added to be consistent with citation of the authors of works such as "Kirby in Richardson, 1837".

Under *Saperda discoidea* Fabricius, 1798, among the synonymic entries:

fuscipes Say, 1826: 273 [instead of 1827: 273]

Note. See Say (1825-1826) and Fox (1913: viii) [references in the *References related to the corrections* section] for details about dates of publication [J. Acad. Nat. Sci. Philadelphia 5: 237–284, XI.1826].

Saperda imitans Joutel in Felt & Joutel, 1904: 58 [instead of Joutel, 1904: 58]

Note. same comment as above for *Saperda (Compsidia) moesta* subsp. *tulari* Joutel in Felt & Joutel, 1904.

P. 352

Saperda inornata Say, 1824: 407 [instead of 1824: 107] (page checked in the original publication).

And under it, among synonymic entries:

concolor var. *unicolor* Joutel in Felt & Joutel, 1904: 74 [instead of Joutel, 1904: 16] (page checked in the original publication).

Note. In the key to species on page 16, but short description and statement "Var. unicolor n. var." under *Saperda concolor* on page 74. For sake of consistency, when the name of a taxon appears on two different pages, i.e. in a key and further in the work with a description, the page of the description should be retained.

Under *Phaea* Newman, 1840: 13, one of the synonymic entries:

Oberopa Haldeman, 1848: 373 [instead of "1847: 373"] (see Haldeman 1848 in the *References related to the corrections* section).

P. 355

Xenofreini Aurivillius, 1923: 375 [instead of "Bates, 1885: 373"]

Note. This genus group name was not proposed by Bates (1885) in *Biologia Centrali Americana* (publication checked) (see Bouchard et al. 2011: 503).

From Serge Laplante

References related to the corrections

(additions or corrections to those in the "References" section of the Checklist)

Return to calibri body 11 after adding these to the master checklist

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