

BUPRESTIS

An annual newsletter devoted to the dissemination of information about buprestids and students of this group

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Dear friends,

For some of you, this newsletter may be new. I hope that you will find useful information, helpful connections or even partners for a new project.

You will find in this issue again papers issued already some years ago and papers on applied entomology, pest management etc. I want to thank all colleagues who helped me with information.

There is still no solution how to handle the journal "Procrustomachia". The commission did not decide on this case (Case 3769) yet.

For the next issue, please send me your news up to 1 March 2022

Hans

A. RESEARCH ACTIVITIES AND INTERESTS

B. SPECIES WANTED FOR RESEARCH OR EXCHANGE

C. REQUESTS FOR LITERATURE

D. FORUM

The well-known South-Tyrolian specialist for Buprestidae, Cerambycidae and other forest insects, Klaus HELLRIGL, passed away 3 September 2021. He was one of the first researchers who compiled a paper on the different host-plants of European buprestids. Furthermore he studied intensively the entomological faune of South-Tyrolia and published a lot of papers and books on it. We will miss him.

&

Geoff **Williams** sent the following advertisement, I guess welcome to all of us, interested in the Australian Flora and Fauna:

The Second Edition of my book *'The Flowering of Australia's Rainforests'*, subtitled *'Pollination Ecology and Plant Evolution'*, was released by CSIRO Publishing in May of this year and is now being featured in their online ['Science is a Gift' book campaign](#). The campaign runs until 3rd December.

In keeping with the role played by invertebrates as agents of pollination in Australia's rainforests, the book provides an extensive discussion of plant-invertebrate mutualisms and co-evolution. For those interested in spectacular flower-frequenting insects, the text gives featured coverage. But the minute and inconspicuous are not neglected for most insect agents of pollen transfer are <7 mm in length.

This new edition is in effect a companion volume to *'The Invertebrate World of Australia's Subtropical Rainforests'* — which was published in 2020. In general I have retained the structure of the 2010 First Edition (this intended as a primer), and have continued consideration of Australian rainforests within a world context. The text has been updated and substantially expanded, and the number of photographs increased from about 30 to 150. The photographs are accompanied by large caption blocks that do not repeat information lodged in the body of text. Other variations from the First Edition include a Glossary, the inclusion of new text sections (for example on the impact of invasive species), reformatting the opening chapter sequence, several instances of changes to writing style, and the embedding of reference citations within the body of text. The result is a book substantially different in presentation and information.

Some ten years have passed since the publication of the First Edition, the decade being one of dire impacts of fire, drought, the onslaught of invasive plants and animals, and not least that of the fungal pathogen 'Myrtle rust'. The devastation in eastern Australian rainforests and eucalypt-dominated wet sclerophyll forests caused by the catastrophic fires of 2019-20 was immediate and conspicuous at landscape scales, that of the latter suite more visually subtle and protracted, or surgically selective. At present the degree, or possibility, of ecosystem and species recovery is uncertain. For in the absence of a pre-existing and exhaustive understanding of the reproductive ecology of individual species and communities the gauging of the disruption to prior pollination webs may be elusive.

Nevertheless within the pages of *'The Flowering of Australia's Rainforests'* I have tried to give insight into the incredible nature and history of these very special plant communities and the reproductive interactions of the species within them; both plant and animal. The hope is that the book will serve to encourage further research into, and the conservation of, the rainforest heritage that we still retain. @CSIROPublishing.

Further information on the ‘*The Flowering of Australia’s Rainforests*’ can be found through CSIRO Publishing’s portal at <https://www.publish.csiro.au/book/7996/>. That of ‘*The Invertebrate World of Australia’s Subtropical Rainforests*’ at <https://www.publish.csiro.au/book/7948/>.

Kind regards to you all,

Geoff

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E. PUBLICATIONS

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F. NEW TAXA

(In the first column the name, author, year of publication and page number of the new taxon is shown; the second column indicates the type locality, state and province; and the third column the collection where the type is deposited)

Abbreviations:

| | |
|------|---|
| BMNH | Natural History Museum (formerly British Museum, Natural History), London, United Kingdom |
| BPCQ | Bureau of Forestry Pest Control and Quarantine of Jiangxi, China |

| | |
|---------------|--|
| CETM | Sección de Entomología de la Colección Zoológica de la Universidad Federal de Mato Grasso, Cuiabá, Brasilia |
| FAFS | Fujian Academy of Forestry Sciences, Fuzhou, China |
| GCCI | Gianfranco Curletti collection, Museo civico di Storia naturale, Carmagnola, Italy |
| IADIZA | Instituto Argentino de Investigaciones de Zonas Áridas, Mendoza, Argentina |
| JMSC | Jaroslav Marek collection, Sýkořice/Czech Republic (will be deposited in NMPC) |
| MACN | Museo Argentino de Ciencias Naturales “Bernardino Rivadavia”, Buenos Aires, Argentina |
| MCCI | Museo civico di Storia naturale, Carmagnola, Italy |
| MEKRB | Museo de Entomología Klaus Raven Büller, Universidad Nacional Agraria La Molina, Lima, Peru |
| MGC | Matteo Grasso collection. Torino, Italy |
| MNCN | Museo nacional de ciencias naturales, Madrid, Spain |
| MNHN | Muséum national d’Histoire naturelle, Paris, France |
| MNNC | Museo Nacional de Historia Natural, Santiago, Chile |
| MUSM | Museo de Historia Natural de la Universidad Mayor de San Marcos de Lima, Peru |
| NHMUK | National History Museum, London, Great Britain |
| NMB | Naturhistorisches Museum, Basel, Switzerland |
| NMPC | Národní Muzeum v Praze, Prague, Czech Republic |
| SMNS | Staatliches Museum für Naturkunde, Stuttgart, Germany |
| TCZ | Tolosa Sánchez collection, Zaragoza, España |
| UNP | Universidad Nacional de Piura, Piura, Peru |
| ZIN | Zoological Institute of the Russian Academy of Sciences, St Petersburg, Russia |
| ZMHB | Museum für Naturkunde, Berlin, Germany |

New species and subspecies

2017

| | | |
|---|-------|-------|
| <i>Acmaeoderella (Euacmaeoderella) himilce</i> López & Tolosa Sánchez, 2017:1 | Spain | TCZ |
| <i>Agrilus piuraensis</i> Juárez & González, 2017:277 | Peru | UNP |
| <i>Atacamita pulchella</i> Giraldo-Mendoza, 2017:37 | Peru | MEKRB |
| <i>Ectinogonia vidali</i> Moore & Guerrero, 2017:6 | Chile | MNNC |

2018

| | | |
|---|-----------|--------|
| <i>Bilyesta trelewensis</i> Moore & Diéguez, 2018:472 | Argentina | IADIZA |
| <i>Brasinota vazdemelloi</i> Moore, 2018:31 | Brasilia | CETM |
| <i>Lasionota (Lasionota) okea flavomarginata</i> Cid-Arcos, 2018:49 | Chile | MNNC |
| <i>Mastogenius isabeliae</i> Moore & Barriga, 2018:76 | Argentina | MACN |
| <i>Polycesta (Nemaphorus) दौर Ferrú & Olivares, 2018:164</i> | Chile | MNNC |

2019

| | | |
|---|------|------|
| <i>Lasionota (Nelsonozodes) andinus</i> Moore & Diéguez, 2019:167 | Peru | MUSM |
| <i>Lasionota (Nelsonozodes) figueroai</i> Moore & Diéguez, 2019:167 | Peru | MUSM |

2020

| | | |
|--|-----------|-------|
| <i>Buprestis (Knulliobuprestis) vandenberghaei</i> Niehuis & Strauss, 2020:117 | Nicaragua | SMNS |
| <i>Calodema annae</i> Grasso, 2020:21 | Indonesia | MGC |
| <i>Chrysodema (Pseudochrysodema) dalmanni penghuensis</i> Hattori & Ong, 2020: 300 | Taiwan | NMNST |
| <i>Coraebus cheni</i> Hattori & Ong, 2020: 310 | Taiwan | NMNST |
| <i>Coraebus cuprefemineus</i> Hattori & Ong, 2020: 312 | Taiwan | NMNST |
| <i>Coraebus tuberculisternus</i> Hattori & Ong, 2020: 306 | Taiwan | NMNST |
| <i>Habroloma (Parahabroloma) attenuatum</i> Peng, 2020:699 | China | BPCQ |
| <i>Habroloma (Parahabroloma) bianping</i> Peng, 2020:700 | China | BPCQ |
| <i>Habroloma (Parahabroloma) compactum</i> Peng, 2020:701 | China | BPCQ |
| <i>Habroloma (Parahabroloma) elongutum</i> Peng, 2020:704 | China | BPCQ |
| <i>Habroloma (Parahabroloma) hispidum</i> Peng, 2020:705 | China | BPCQ |
| <i>Habroloma (Parahabroloma) latum</i> Peng, 2020:706 | China | BPCQ |
| <i>Habroloma (Parahabroloma) quadratum</i> Peng, 2020:707 | China | BPCQ |
| <i>Lasionota (Arqueozodes) aonikenk</i> Cid-Arcos & Campodonico, 2020: 652 | Chile | MNNC |
| <i>Lasionota (Arqueozodes) cidburmeisteri</i> Cid-Arcos & Campodonico, 2020: 652 | Chile | MNNC |
| <i>Mimicoclytrina (Antoniola) bellamyi</i> Gottwald & Hornburg, 2020: 296 | Venezuela | ZMHB |
| <i>Nipponobuprestis (Nipponobuprestisia) datunensis</i> Hattori & Ong, 2020: 302 | Taiwan | NMNST |
| <i>Sphenoptera (Tropeopeltis) boreri</i> Niehuis, 2020:19 | Oman | NMB |

2021

| | | |
|--|-------------|-------|
| <i>Acmaeoderella (Euacmaeoderella) lobanovi</i> Volkovitsh, 2021:205 | Iran | ZIN |
| <i>Agriloides minotaurus</i> Curletti & Brûlé, 2021b: 94 | Guyana | GCCI |
| <i>Agrilus (Agrilus) avarus</i> Curletti & Brûlé, 2021: 20 | Guyana | MCCI |
| <i>Agrilus (Agrilus) bacchanalis</i> Curletti & Brûlé, 2021: 17 | Guyana | MCCI |
| <i>Agrilus (Agrilus) contarinii</i> Curletti, 2021b:465 | Italy | GCCI |
| <i>Agrilus (Agrilus) florens</i> Curletti & Brûlé, 2021: 19 | Guyana | MCCI |
| <i>Agrilus (Agrilus) intermixtus</i> Curletti & Brûlé, 2021: 17 | Guyana | MCCI |
| <i>Agrilus (Agrilus) ittericus</i> Curletti & Brûlé, 2021b: 95 | Guyana | MNHN |
| <i>Agrilus (Agrilus) nimbanus</i> Curletti, 2021a:19 | Ivory Coast | NHMUK |
| <i>Agrilus (Agrilus) odysseus</i> Curletti, 2021b:463 | Italy | GCCI |
| <i>Agrilus (Agrilus) oltepesii</i> Curletti, 2021:124 | Kenya | EJCB |
| <i>Agrilus (Agrilus) tanai</i> Curletti, 2021:123 | Kenya | EJCB |
| <i>Agrilus (Agrilus) vermiculus</i> Curletti & Brûlé, 2021: 16 | Guyana | MCCI |
| <i>Agrilus (Robertius) albert</i> Curletti, 2021a:18 | Gabon | GCCI |
| <i>Anthaxia (Cratomerus) tankenethi</i> Obořil & Baňar, 2021:370 | Kenya | NMPC |
| <i>Calodema wallacei meeki</i> Grasso, Vodoz & Menofandu, 2021:63,65 | New Guinea | MGC |

| | | |
|---|-------------|------|
| <i>Cantonius (Procantonioides) austrisunicus</i> Kalashian, 2021b:1 | China | NMPC |
| <i>Chalcogenia rejzeki</i> Bílý, 2021: 435 | Kenya | NMPC |
| <i>Chrysobothris (Chrysobothris) vandenbergei</i> Niehuis & Strauss, 2021a: 177 | Nicaragua | SMNS |
| <i>Chrysobothris vandenbergei</i> Niehuis & Strauss, 2021:177 | Cosata Rica | SMNS |
| <i>Coomaniella dentata</i> Song, 2021:186 | China | FAFS |
| <i>Coragiyguya regalis</i> Curletti & Brûlé, 2021a: 49 | Guyana | MCCI |
| <i>Endelus (Hexagonodelus) caelestis</i> Kalashian, 2021a:223 | Indonesia | BMNH |
| <i>Habroloma (Parahabroloma) caudiacrum</i> Peng, 2021:186 | China | BPCQ |
| <i>Habroloma (Parahabroloma) contractum</i> Peng, 2021:180 | China | BPCQ |
| <i>Habroloma (Parahabroloma) grotesquum</i> Peng, 2021:189 | China | BPCQ |
| <i>Habroloma (Parahabroloma) longipennis</i> Peng, 2021:192 | China | BPCQ |
| <i>Habroloma (Parahabroloma) pulchrum</i> Peng, 2021:185 | China | BPCQ |
| <i>Habroloma (Parahabroloma) purpuratus</i> Peng, 2021:190 | China | BPCQ |
| <i>Habroloma (Parahabroloma) quadratiformis</i> Peng, 2021:191 | China | BPCQ |
| <i>Habroloma (Parahabroloma) songi</i> Peng, 2021:183 | China | BPCQ |
| <i>Habroloma (Parahabroloma) zongyangensis</i> Peng, 2021:182 | China | BPCQ |
| <i>Meliboeus (Meliboeus) zoe</i> Verdugo, 2021:14 | Spain | MNCN |
| <i>Meliboeus simonae</i> Niehuis & Strauss, 2021:89 | Greece | ? |
| <i>Neotropicantius fumigatus</i> Curletti & Brûlé, 2021: 20 | Guyana | MCCI |
| <i>Taphrocerus cordillerae</i> Marek, 2021b:375 | Paraguay | JMSC |
| <i>Taphrocerus hroni</i> Marek, 2021b:370 | Brasilia | JMSC |
| <i>Taphrocerus irenei</i> Marek, 2021b:364 | Guyana | JMSC |
| <i>Taphrocerus lucidicollis</i> Marek, 2021b:373 | Argentina | JMSC |
| <i>Taphrocerus macraei</i> Marek, 2021b:367 | Brasilia | JMSC |
| <i>Taphrocerus manausensis</i> Marek, 2021:88 | Brasilia | JMSC |
| <i>Taphrocerus mouckai</i> Marek, 2021:90 | Brasilia | JMSC |
| <i>Taphrocerus pseudoleoni</i> Marek, 2021a:354 | Guatemala | BMNH |
| <i>Taphrocerus rondonicus</i> Marek, 2021:87 | Brasilia | JMSC |

New subgenus and genus

2017

Papuadelus Kalashian, 2017:349
2017 type species: *Endelus (Papuaendelus) telnovi* Kalashian, Kalashian, 2017

2018

Brasinota Moore, 2018:31 type species: *Brasinota vazdemelloi* Moore, 2018
Moore, 2018

2019

Capanthaxia Bílý, 2019:264 type species: *Anthaxia capensis* Kerremans, 1903
Bílý, 2019

Richteraxia Bílý, 2019:264

type species: *Anthaxia angustipennis* (Klug, 1829)
Bílý, 2019

2020

Antoniola Gottwald & Hornburg, 2020: 288 type species: *Mimicoclytrina (Antoniola) saundersii*
(Waterhouse, 1904) Gottwald & Hornburg, 2020

2021

Coragiyguya Curletti & Brûlé, 2021a: 48 type species: *Coragiyguya regalis* Curletti & Brûlé,
2021a Curletti & Brûlé, 2021a

Hexagonodelus Kalashian, 2021a:215 type species: *Endelus (Hexagonodelus) difformis*
Deyrolle, 1864 Kalashian, 2021a

G. Nomenclatural changes

Synonyma (the second name is the valid one)

2020

Acherusia (Nelsonila) piliventris venezuelica Cobos, 1990:282 = *Mimicoclytrina (Antoniola)*
piliventris (Saunders, 1869) Gottwald & Hornburg 2020:288

2021

- Agrilus achilleus* Obenberger, 1935 = *Agrilus lugubris* Kerremans, 1914 Jendek & Nakládal 2021:73
Agrilus bidentellus Obenberger, 1924 = *Agrilus ocellaris* Deyrolle, 1864 Jendek & Nakládal 2021:75
Agrilus capitatus Deyrolle, 1864 = *Agrilus ocellaris* Deyrolle, 1864 Jendek & Nakládal 2021:75
Agrilus collartianus Descarpentries & Villiers, 1963 = *Agrilus lestagei* Théry, 1930
Jendek & Nakládal 2021:72
Agrilus kuchingensis Tôyama, 1987 = *Agrilus velatus* Kerremans, 1912 Jendek & Nakládal 2021:85
Agrilus miwai Théry, 1936 = *Agrilus lugubris* Kerremans, 1914 Jendek & Nakládal 2021:73
Agrilus myrmido Kerremans, 1912 = *Agrilus lugubris* Kerremans, 1914 Jendek & Nakládal 2021:73
Agrilus myrmidonius Obenberger, 1936 = *Agrilus lugubris* Kerremans, 1914 Jendek & Nakládal 2021:73
Agrilus oreophilus Fisher, 1921 = *Agrilus pilicauda* Saunders, 1874 Jendek & Nakládal 2021:77
Agrilus perakianus Kerremans, 1900 = *Agrilus lancifer* Deyrolle, 1864 Jendek & Nakládal 2021:71
Agrilus rilliardi Baudon, 1988 = *Agrilus hexastigmus* Bourgoïn, 1925 Jendek & Nakládal 2021:70
Agrilus telawensis Fisher, 1935 = *Agrilus blairi* Bourgoïn, 1925 Jendek & Nakládal 2021:63
Anthaxia cytheraea Obenberger, 1931 = *Anthaxia (Cratomerus) gebhardti* Obenberger, 1924
Obořil & Baňář, 2021:366
Cantoniellus kubani Kalashian, 2004 = *Cantoniellus laosensis* (Baudon, 1968) Kalashian 2021b:5
Taphrocerus kapczy-haberi Apt, 1954 = *Taphrocerus wendleri* Obenberger, 1924 Marek 2021b:377
Taphrocerus szekesseyi Apt, 1954 = *Taphrocerus subcarinulosus* Cobos, 1967 Marek 2021b:379

Status novus (resurrected)

2021

Agrilus samyi Baudon, 1968:108 from synonymy with *Agrilus suturaalba* Deyrolle, 1864:139
Jendek & Nakládal 2021:81

Agrilus samyi Baudon, 1968:108 from synonymy with *Agrilus suturaalba* Deyrolle, 1864:139
Jendek & Nakládal 2021:81

Status novus (transferred)

2020

Mimicoclytrina piliventris (Saunders, 1869) transferred to *Mimicoclytrina (Antoniola) piliventris*
(Saunders, 1869) Gottwald & Hornburg 2020:288

Status novus (downgraded)

2020

Mimicoclytrina tristis (Thomson, 1878) downgraded to *Mimicoclytrina (Antoniola) piliventris tristis*
(Thomson, 1878) Gottwald & Hornburg 2020:290

2021

Agrilus massanensis Schaefer, 1955 downgraded to *Agrilus pratensis massanensis* Schaefer, 1955
Jendek & Nakládal 2021:78

Endelus laosensis Baudon, 1968 transferred to *Cantoniellus laosensis* (Baudon, 1968)
Kalashian 2021b:5

In BUPRESTIS 60 I reported erroneously that *Pseudolampetis weyrauchi* (Cobos, 1969) is a synonym to *Ectinogonia (Kheiliella) rossi* (Cobos, 1969). Indeed they are still two different species (Giraldo-Mendoza, A. E. 2019. Notas sobre el subgénero *Kheiliella* Obenberger, con la reasignación de *Pseudolampetis rossi* (Cobos) (Coleoptera: Buprestidae: *Ectinogonia* Spinola). *Folia Entomológica Mexicana* (nueva serie) 5(3):104–106).

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