

# BUPRESTIS

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

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Dear friends,

First of all, many thanks again to those have sent their papers. I know that a great part of us has not a comfortable access to great libraries or are living next to a natural history museum where entomological journals are kept. We should always try to have the colleagues on the same level of knowledge.

But — as you have seen already in the last issues of BUPRESTIS — I am not willing to present new species' names or new nomenclatorial acts of papers which do not fulfil the requested conditions for publications of the ICZN. We are still waiting for a decision of the Commission, till then you get the titles in question only, underplayed yellow.

My very best wishes to you and your families for a Merry Christmas and a Happy New Year. There is still a lot of work to do, so a good health and a strong family support is very important.

For the next issue, please send me your news up to 1 June 2020.

Hans



## A. RESEARCH ACTIVITIES AND INTERESTS

## B. SPECIES WANTED FOR RESEARCH OR EXCHANGE

Svata **Bílý** has written the following lines:

- Dear friends, together with Mark **Hanlon** we prepare the revision of the genus *Bubastes* (Australia). If you have any specimen of this genus and if you are interested in the determination of your specimens send them to my address in the National Museum, please. We would be also very obliged for any biological data concerning this genus.
- In the next year I would like to publish the revision of the *Anthaxia dispar* Kerremans species-group (Africa); I would be very obliged for sending your specimens for the revision; most probably *A. dispar* is a cluster of several related, undescribed species. Thank you!

## C. REQUESTS FOR LITERATURE

## D. FORUM

### Some addresses of yet unknown authors and address changes:

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- David **Molina Molina**. C/ Félix Rodríguez de la Fuente 1, 1º, p 6, 03400, VILLENA, Alicante, Spain (davidacho69@gmail.com)
- Marina J. **Orlova-Bienkowskaja**. A.N. Severtsov Institute of Ecology and Evolution, Russian Academy of Sciences, 33 Leninskiy Prospect, Moscow, Russia 119071 (marinaorlben@yandex.ru)
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## E. PUBLICATIONS

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**Kelnarova, I., E. Jendek, V. V. Grebennikov & L. Bocak.** 2018. First molecular phylogeny of *Agrilus* (Coleoptera: Buprestidae), the largest genus on Earth, with DNA barcode database for forestry pest diagnostics. *Bulletin of Entomological Research* 1-12.

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**Lorubio, D., G. Cancelliere & F. Izzillo.** 2018. First records of acclimatized populations of *Buprestis dalmatina* in Italy (Coleoptera: Buprestidae). *Fragmenta entomologica*, 50 (1): 53-56.

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**Niehuis, R. S. Peters, L. Podsiadlowski, H. Pohl, E. D. Scully, E. V. Yan, X. Zhou, A. Slipinski, & R. G. Beutel.** 2019. The evolution and genomic basis of beetle diversity. Proceedings of the National Academy of Sciences.

**Molina Molina, D.** 2019. Primer registro para la provincia de Alicante, España de *Lamprodila (Palmar) festiva* (Linnaeus, 1767) (Coleoptera, Buprestidae). Revista gaditana de Entomología 10(1):13-14.

**Murria Beltrán, F., Á. Murria Beltrán & L. Tolosa Sanchez.** 2019. Descripción de una nueva especie Ibérica del grupo de *Anthaxia (Anthaxia) funerula* (Illiger, 1803) (Coleoptera: Buprestidae): *Anthaxia (Anthaxia) gabarre* n. sp. Boletín de la Sociedad Entomológica Aragonesa (S.E.A.) 64:27-32.

**Niehuis, M. & G. Strauss.** 2018. *Anthaxia (Anthaxia) hirschfelderi* sp. nov. – ein neuer Prachtkäfer aus dem Süden der Türkei (Coleoptera: Buprestidae). Entomologische Zeitschrift 129(2):79-87.

**Niehuis, M. & G. Strauss.** 2019. *Anthaxia (Anthaxia) togata adlbaueri* n. ssp. – eine neue Prachtkäfer-Unterart aus der Südtürkei (Coleoptera: Buprestidae). Mitteilungen des Internationalen Entomologischen Vereins 42(1/2):1-13.

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**Orlova-Bienkowskaja, M. J. & M. G. Volkovitsh.** 2018. Are native ranges of the most destructive invasive pests well known? A case study of the native range of the emerald ash borer, *Agrilus planipennis* (Coleoptera: Buprestidae). Biological Invasions 20:1275-1286.

**Orlova-Bienkowskaja, M. J. (ed.)** 2019. Inventory on alien beetles of European Russia. Livny: Mukhametov G. V. pp.882. [in Russian].

**Orlova-Bienkowskaja, M. J., A. N. Drogvalenko, I. A. Zabaluev, A. S. Sazhnev, E. Y. Peregudova, S. G. Mazurov, E. V. Komarov, V. V. Struchaev & A. O. Bińkowski.** 2019. Bad and good news for ash trees in Europe: alien pest *Agrilus planipennis* has spread to Ukraine and the south of European Russia, but serious damage of *Fraxinus excelsior* in the forests is not detected. bioRxiv (online)

**Pineda, C. & R. Barros.** 2019. Description of the Male of *Lampetis alvarengai* Cobos, 1972 (Coleoptera: Buprestidae) and a New State Record For Brazil. The Coleopterists Bulletin 73(3):494-496.

**Poole, E. M., M. D. Ulyshen, S. Horn, M. Cram, R. Olatinwo & St. Fraedrich.** 2019. Biology and distribution of *Agrilus macer* LeConte (Coleoptera: Buprestidae), a species associated with sugarberry (*Celtis laevigata* Willd.) mortality in the southeastern USA. Annals of Forest Science 76:7, pp.14.

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**Volkovitsh M. G.** [Buprestidae pages only, 84-95] 2019. in: Orlova-Bienkowskaja M. J. (ed.) *Inventory on alien beetles of European Russia*. Livny: Mukhametov G. V., 882 pages. Справочник по чужеродным жесткокрылым европейской части России [only electronic]

**Volkovitsh M. G., M. J. Orlova-Bienkowskaja, A. V. Kovalev & A. O. Bieńkowski.** 2019. An illustrated guide to distinguish emerald ash borer (*Agrilus planipennis*) from its congeners in Europe. *Forestry* 00:1–10.

**Volkovitsh, M. G.** 2019. Two new species of *Acmaeodera* Eschscholtz, 1829 from the Arabian Peninsula and Mauritania (Coleoptera: Buprestidae: Polycestinae: Acmaeoderini). *Zootaxa* 4648 (3): 581–591.

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**Westcott, R. L., W. Williams & A. Grotta.** 2019. The exotic *Agrilus cyanescens* (Ratzeburg) (Coleoptera: Buprestidae) is discovered in Oregon. *Insecta Mundi* 724:1–5.

**Yus Ramos, R. A. Verdugo Páez & P. Coello García.** 2019. Observaciones sobre la coleopterofauna del cardo corredor *Eryngium campestre* L. (Apiaceae). *Revista gaditana de Entomología* 10(1):117-126.

## 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:

|             |  |
|-------------|--|
| <b>BMNH</b> | <b>The Natural History Museum, London, United Kingdom</b>  |
| <b>CLTS</b> | <b>Luis Tolosa Sánchez collection, Zaragoza, Spain</b>   |
| <b>CMNA</b> | <b>Manfred Niehuis collection, Albersweiler, Germany (later deposited in Staatliches Museum für Naturkunde Stuttgart, Germany)</b> |
| <b>EJCB</b> | <b>Eduard Jendek collection, Bratislava, Slovakia (will be deposited in Smithsonian Institution, Washington, USA)</b>              |
| <b>HMCM</b> | <b>Hans Mühle collection, Nussdorf am Inn/Germany (will be deposited in Zoologische Staatssammlung München, Munich/Germany)</b>    |
| <b>INPA</b> | <b>National Institute of Amazonian Research, Manaus, Brazil</b>  |

|             |  |
|-------------|--|
| <b>JMCS</b> | <b>Jaroslav Marek collection, Sýkořice/Czech Republic (will be deposited in NMPC)</b>  |
| <b>MCCI</b> | <b>Museo Civico di Storia Naturale di Carmagnola, Carmagnola, Italy</b>                |
| <b>MMBC</b> | <b>Moravian Museum, Brno, Czech Republic</b>   |
| <b>MNNC</b> | <b>Museo Nacional de Historia Natural, Santiago, Chile</b>                             |
| <b>MSUP</b> | <b>Museo di Storia Naturale Università de Pisa, Calci (Pisa), Italy</b>                |
| <b>NMPC</b> | <b>Národní Muzeum v Praze, Prague, Czech Republic</b>                                  |
| <b>SPCB</b> | <b>Stanislav Prepsl collection, Zastávka near Brno, Czech Republic</b>                 |
| <b>SRET</b> | <b>Taï NP, Taï Reasearch Station, Taï village, Ivory Coast</b>                         |
| <b>ZIN</b>  | <b>Zoological Institute of the Russian Academy of Sciences, St. Petersburg, Russia</b> |

## New species and subspecies

### 2017

*Anthaxia (Anthaxia) skorpiki* Obořil & Baňar, 2017:424 Iran MMBC

### 2018

*Agrilaxia (Agrilaxia) angustivertex* Bílý, 2018:13 Panama NMPC

*Agrilaxia (Agrilaxia) botran* Bílý, 2018:36 Guatemala NMPC

*Agrilaxia (Agrilaxia) catenulata* Bílý, 2018:38 Mexico NMPC

*Agrilaxia (Agrilaxia) chamela* Bílý, 2018:39 Mexico NMPC

*Agrilaxia (Agrilaxia) cordigera septentrionalis* Bílý, 2018:16 Mexico NMPC

*Agrilaxia (Agrilaxia) cuprina* Bílý, 2018:41 Mexico NMPC

*Agrilaxia (Agrilaxia) globulifrons* Bílý, 2018:45 Mexico NMPC

*Agrilaxia (Agrilaxia) guatemalae* Bílý, 2018:19 Guatemala NMPC

*Agrilaxia (Agrilaxia) humeralis* Bílý, 2018:60 Mexico NMPC

*Agrilaxia (Agrilaxia) macraei* Bílý, 2018:47 Mexico NMPC

*Agrilaxia (Agrilaxia) manfredi* Bílý, 2018:21 Nicaragua NMPC

*Agrilaxia (Agrilaxia) minima* Bílý, 2018:48 Mexico NMPC

*Agrilaxia (Agrilaxia) nelsoni* Bílý, 2018:62 Mexico NMPC

*Agrilaxia (Agrilaxia) nigroflava* Bílý, 2018:52 Panama NMPC

*Agrilaxia (Agrilaxia) oaxacae* Bílý, 2018:53 Mexico NMPC

*Agrilaxia (Agrilaxia) perdomo* Bílý, 2018:23 Nicaragua NMPC

*Agrilaxia (Agrilaxia) robusta* Bílý, 2018:32 Mexico NMPC

*Agrilaxia (Agrilaxia) rolciki* Bílý, 2018:25 Mexico NMPC

*Agrilaxia (Agrilaxia) texana* Bílý, 2018:54 U.S.A. NMPC

*Agrilaxia (Agrilaxia) westcotti* Bílý, 2018:57 Mexico NMPC

*Agrilus bilyanus* Jendek & Nakládal, 2018:1030 Thailand EJCB

*Agrilus campana* Jendek & Nakládal, 2018:1030 Laos EJCB

*Agrilus galazopos* Jendek & Nakládal, 2018:1031 Laos EJCB

*Agrilus gloriae* Curletti & Brûlé, 2018:10 Guyana MCCI

*Agrilus plurifrons* Jendek & Nakládal, 2018:1032 Myanmar EJCB



|   |        |            |
|---|--------|------------|
| <i>Agrilus undatus</i> Jendek & Nakládál, 2018:1032                   | Laos   | EJCB       |
| <i>Anthaxia (Anthaxia) togata adlbaueri</i> Niehuis & Strauss, 2018:2 | Turkey | HMCM (CMM) |

## 2019

|   |             |      |
|---|-------------|------|
| <i>Acmaeodera (Acmaeodera) epakoi</i> Prepsl, 2019:315                    | Namibia     | SPCB |
| <i>Acmaeodera (Acmaeodera) krajciki awashensis</i> Prepsl, 2019:318       | Ethiopia    | VKCB |
| <i>Acmaeodera (Acmaeodera) strumiai</i> Volkovitsh, 2019:582              | Oman        | MSUP |
| <i>Acmaeodera (Acmaeotethya) chaetosoma zimbabwensis</i> Prepsl, 2019:319 | Zimbabwe    | NMPC |
| <i>Acmaeodera (Acmaeotethya) dhofarica</i> Volkovitsh, 2019:586           | Oman        | ZIN  |
| <i>Acmaeodera (Acmaeotethya) erongoensis angolae</i> Prepsl, 2019:322     | Angola      | NMPC |
| <i>Acmaeodera (Acmaeotethya) marshaleki</i> Prepsl, 2019:323              | RSA         | SPCB |
| <i>Acmaeodera (Ptychomus) hola</i> Prepsl, 2019:330                       | Kenya       | SPCB |
| <i>Acmaeodera (Ptychomus) iris</i> Prepsl, 2019:328                       | Kenya       | SPCB |
| <i>Acmaeodera (Ptychomus) transbalthasari</i> Prepsl, 2019:331            | Kenya       | SPCB |
| <i>Acmaeodera (Ptychomus) viridilineata</i> Prepsl, 2019:327              | Ethiopia    | SPCB |
| <i>Acmaeodera (Ptychomus) zebra</i> Prepsl, 2019:332                      | Tanzania    | SPCB |
| <i>Acmaeodera (Rugacmaeodera) saotomensis</i> Prepsl, 2019:326            | Sao Tome    | SPCB |
| <i>Acmaeodera (Rugacmaeodera) usakosensis</i> Prepsl, 2019:325            | Namibia     | NMPC |
| <i>Agriloides giganteus</i> Curletti & Pineda, 2019:197                   | Paraguay    | MCCI |
| <i>Agrilus (Agrilus) alatus</i> Curletti & Pineda, 2019:196               | Peru        | MNNC |
| <i>Agrilus (Agrilus) aurofissum</i> Curletti, 2019:423                    | Brazil      | INPA |
| <i>Agrilus (Agrilus) campesinus</i> Curletti, 2019a:49                    | Brazil      | BMNH |
| <i>Agrilus (Agrilus) chiarae</i> Curletti, 2019:422                       | Brazil      | INPA |
| <i>Agrilus (Agrilus) duckei</i> Curletti, 2019:423                        | Brazil      | INPA |
| <i>Agrilus (Agrilus) geiseri</i> Curletti, 2019a:42                       | Ivory Coast | SRET |
| <i>Agrilus (Agrilus) hanoti</i> Curletti, 2019a:48                        | Trinidad    | MCCI |
| <i>Agrilus (Agrilus) iquitosanus</i> Curletti, 2019a:50                   | Peru        | MCCI |
| <i>Agrilus (Agrilus) prepsli</i> Curletti, 2019a:39                       | RSA         | MCCI |
| <i>Agrilus (Agrilus) rafaeli</i> Curletti, 2019:422                       | Brazil      | INPA |
| <i>Agrilus (Agrilus) semirufus</i> Curletti, 2019a:53                     | Peru        | MCCI |
| <i>Agrilus (Agrilus) tres</i> Curletti, 2019a:46                          | Honduras    | CMNA |
| <i>Agrilus (Agrilus) tubulinus</i> Curletti, 2019:424                     | Brazil      | INPA |
| <i>Agrilus (Agrilus) westerduijni</i> Curletti, 2019a:52                  | Peru        | MCCI |
| <i>Agrilus (Agrilus) zamoranus</i> Curletti, 2019a:44                     | Honduras    | CMNA |
| <i>Agrilus (Agriphyllus) frondeus</i> Curletti, 2019a:38                  | Ivory Coast | BMNH |
| <i>Agrilus (Nigritius) hauckinus</i> Curletti, 2019a:34                   | Tanzania    | MCCI |
| <i>Agrilus (Nigritius) pwanii</i> Curletti, 2019a:36                      | Tanzania    | MCCI |
| <i>Agrilus (Nigritius) taii</i> Curletti, 2019a:36                        | Ivory Coast | BMNH |

|  |               |      |
|--|---------------|------|
| <i>Agrilus (Robertius) manueli</i> Curletti, 2019a:38                | Cameroun      | MCCI |
| <i>Agrilus acacivorus</i> Jendek & Nakládal, 2019b:79                | Myanmar       | EJCB |
| <i>Agrilus albizivorus</i> Jendek & Nakládal, 2019b:79               | Nepal         | EJCB |
| <i>Agrilus aonikenk</i> Cid-Arcos & Pineda, 2019:348                 | Chile         | MNNC |
| <i>Agrilus coco</i> Jendek & Nakládal, 2019b:81                      | Philippines   | EJCB |
| <i>Agrilus connatus</i> Jendek & Nakládal, 2019:319                  | Laos          | EJCB |
| <i>Agrilus monadikos</i> Jendek & Nakládal, 2019b:82                 | Laos          | EJCB |
| <i>Agrilus occultus</i> Jendek & Nakládal, 2019b:82                  | Laos          | EJCB |
| <i>Anthaxia (Anthaxia) gabarre</i> Murria, Murria & Tolosa, 2019:1   | Spain         | CLTS |
| <i>Anthaxia (Anthaxia) hirschfelderi</i> Niehuis & Strauss, 2019a:79 | Turkey        | CMNA |
| <i>Anthaxia (Merocratus) angustata</i> Bílý, 2019:86                 | Vietnam       | NMPC |
| <i>Anthaxia (Merocratus) lucifera</i> Plachetka, 2019:89             | Philippines   | NMPC |
| <i>Anthaxia (Merocratus) priska</i> Bílý, 2019:87                    | Indonesia     | NMPC |
| <i>Anthaxia (Merocratus) violaceidorsis</i> Bílý, 2019:88            | Indonesia     | NMPC |
| <i>Julodella dalihodi</i> Prepsl & Simandl, 2019:591                 | Iran          | NMPC |
| <i>Taphrocerus bahianus</i> Marek, 2019b:426                         | Brazil        | JMSC |
| <i>Taphrocerus barclayi</i> Marek, 2019:106                          | Brazil        | BMNH |
| <i>Taphrocerus batesi</i> Marek, 2019:116                            | Brazil        | BMNH |
| <i>Taphrocerus bellus</i> Marek, 2019:114                            | Peru          | JMSC |
| <i>Taphrocerus brulei</i> Marek, 2019b:410                           | French Guiana | JMSC |
| <i>Taphrocerus darwini</i> Marek, 2019:104                           | Brazil        | BMNH |
| <i>Taphrocerus fallax</i> Marek, 2019b:420                           | Brazil        | JMSC |
| <i>Taphrocerus jaroslavi</i> Marek, 2019b:414                        | French Guiana | JMSC |
| <i>Taphrocerus laticeps</i> Marek, 2019:109                          | French Guiana | JMSC |
| <i>Taphrocerus longus</i> Marek, 2019:101                            | Brazil        | JMSC |
| <i>Taphrocerus marta</i> Marek, 2019a:139                            | Brazil        | JMSC |
| <i>Taphrocerus milca</i> Marek, 2019b:429                            | Guyana        | JMSC |
| <i>Taphrocerus paveli</i> Marek, 2019a:136                           | Brazil        | JMSC |
| <i>Taphrocerus robustus</i> Marek, 2019a:132                         | Brazil        | JMSC |
| <i>Taphrocerus santaremensis</i> Marek, 2019:119                     | Brazil        | JMSC |
| <i>Taphrocerus senilis</i> Marek, 2019b:408                          | Paraguay      | NMPC |
| <i>Taphrocerus subcyaneus</i> Marek, 2019:111                        | Brazil        | JMSC |
| <i>Taphrocerus trinidadensis</i> Marek, 2019b:417                    | Trinidad      | JMSC |
| <i>Taphrocerus wygodzinskyi</i> Marek, 2019b:421                     | Brazil        | NMPC |
| <i>Taphrocerus xavantinae</i> Marek, 2019a:134                       | Brazil        | BMNH |
| <i>Xantheremia (Paratethya) keniensis</i> Prepsl, 2019:335           | Kenya         | SPCB |
| <i>Xantheremia (Paratethya) unicolor</i> Prepsl, 2019:336            | Kenya         | SPCB |
| <i>Xantheremia (Xantheremia) iranica</i> Prepsl, 2019:333            | Iran          | SPCB |

**G. Nomenclatural changes****Synonyma (the second name is the valid one)****2019**

- Agrilus albizziae* Fisher, 1935:32 = *Agrilus viridicupreus* Saunders, 1866:319  
Jendek & Nakládal 2019b:85
- Agrilus alexeevi* Bellamy, 1998:94 = *Agrilus relegatus* Curletti, 1990:102  
Jendek & Nakládal 2019a:439
- Agrilus bicoloratus* Abeille de Perrin, 1894: CCCLV = *Agrilus angustulus* (Illiger, 1803:240)  
Jendek & Nakládal 2019a:404
- Agrilus bonadonai* Descarpentries & Villiers, 1963:4 = *Agrilus babaulti* Théry, 1930:163  
Jendek & Nakládal 2019b:80
- Agrilus cariosulus* Obenberger, 1935:217 = *Agrilus viridicupreus* Saunders, 1866:319  
Jendek & Nakládal 2019b:85
- Agrilus cylindratus* Kerremans, 1896:138 = *Agrilus viridicupreus* Saunders, 1866:319  
Jendek & Nakládal 2019b:85
- Agrilus deerratus* Curletti, 2006:216 = *Agrilus terraereginae* Blackburn, 1892:220  
Jendek & Nakládal 2019b:84
- Agrilus grisator* Kerremans, 1893:343 = *Agrilus nubilis* Kerremans, 1892:823  
Jendek & Nakládal 2019:324
- Agrilus javicola* Fisher, 1935:29 = *Agrilus viridicupreus* Saunders, 1866:319  
Jendek & Nakládal 2019b:85
- Agrilus macellus* Bourgoin, 1922:23 = *Agrilus olivaceidorsis* Obenberger, 1917:211  
Jendek & Nakládal 2019:328
- Agrilus splendidicollis* Fairmaire, 1889:348 = *Agrilus sinensis* Thomson, 1879:73  
Jendek & Nakládal 2019a:443
- Agrilus theodasae* Baudon, 1968:136 = *Agrilus viridicupreus* Saunders, 1866:319  
Jendek & Nakládal 2019b:85

**2018**

- Agrilaxia (Agrilaxia) jaliscoana* Bílý, 1993:11 = *Agrilaxia (Agrilaxia) fasciata* Waterhouse,  
1889:pl.49, fig.285  
Bílý 2018:30
- Agrilaxia (Agrilaxia) michoacana* Bílý, 1993:12 = *Agrilaxia (Agrilaxia) fasciata* Waterhouse,  
1889:pl.49, fig.285  
Bílý 2018:30
- Agrilaxia (Agrilaxia) schmidtii* Obenberger, 1924:72 = *Agrilaxia (Agrilaxia) solarii* Théry, 1911:38  
Bílý 2018:28
- Agrilaxia (Agrilaxia) simillima* Cobos, 1972:109 = *Agrilaxia (Agrilaxia) costaricensis* Obenberger,  
1922:178  
Bílý 2018:17
- Agrilaxia (Agrilaxia) simillima* Cobos, 1972:109 = *Agrilaxia (Agrilaxia) costaricensis* Obenberger,  
1922:178  
Bílý 2018:17

**Status novus (resurrected)****2018**

*Agrilaxia arizonae* Obenberger, 1922:180 from synonymy with *Agrilaxia flavimana* (Gory, 1841:291)

Bílý 2018:33

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