

BUPRESTIS

A semi-annual newsletter devoted to the dissemination of information about buprestids and students of this group

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Dear friends,

A new year with new chances, hopefully not too bad and exciting events, is waiting for us. I would like to thank you for your cooperation in doing our newsletter, it can only be a success and satisfying for us with your contributions. I wish you all the very best for your health, your family and for the plans in entomology. A peaceful 2005!

The new deadline for the next issue of BUPRESTIS will be 15. June 2005.

Hans Mühle
Editor

A. RESEARCH ACTIVITIES AND INTERESTS

Chuck **Bellamy** sent the following news: Projects nearing completion

1) New Coraebini from the Philippines, including a resurrection of *Sibuyanella* with two new species, new species of *Brachycoraebus* and one new genus and species; see:

www.cdfa.ca.gov/phpps/ppd/Entomology/Coleoptera/Buprestidae/newphilcor.htm

www.cdfa.ca.gov/phpps/ppd/Entomology/Coleoptera/Buprestidae/newphilcor2.htm

2) Coleoptera Buprestidae of Madagascar and adjacent islands: an Annotated Catalogue

An annotated catalogue of the Buprestidae (Coleoptera) of Madagascar, the Aldabra, the Comoros, Mascarenes and Seychelles Islands is presented for 74 genera, 18 genus-group synonyms, 16 non-nominate subgenera, 746 valid species, 20 subspecies and an additional 224 available species names in synonymy placed in six subfamilies, 15 tribes and 19 subtribes. Included are the descriptions of five new genera, seven new species and a revision of *Paranastella*.

This catalogue will be published in the resurrected "Faune de Madagascar" series.

3) The World Catalogue

After nearly 10 years, the world catalogue is nearly complete. It will be published as a Special Publication of The Coleopterists Society (www.coleopsoc.org). The text is about 3,000 pages including the Reference list, but the index has not yet been generated. I am still trying to rectify distribution data on some Palaearctic species and find the complete titles for 62 papers. If you think you can help, I have put a PDF copy of these incomplete citations at:

www.cdfa.ca.gov/phpps/ppd/Entomology/Coleoptera/Buprestidae/WorldCat/Missing.pdf

If you want your works, especially new taxa or new synonyms included, I will need to have copies of your papers very soon.

Once the multiple volumes are published, I will continue to add all new data and present electronic updates each year.

4) Revision of *Trachykele*

This interesting North American genus is thought to be a basal lineage and has never been revised. Due to recently collected specimens, the accumulation of most known specimens from North American collections (so far) and the opportunity to involve some molecular systematics to help resolve questions in the *Trachykele blondeli* and *T. nimbosa* species groups, George WALTERS and I have decided that a full revision is long overdue. We would be grateful to borrow specimens from anyone or anywhere to have as much data as possible to define the species and their respective distribution.

&

Amanda **Evans**, a graduate student at the Museum of Comparative Zoology, Harvard University, recently begun to work on a phylogeny of the Buprestidae, in cooperation with Brian FARRELL and Chuck BELLAMY. She writes:

I plan to generate both molecular and morphological data sets for use in phylogenetic analysis. In addition to addressing the relationships of the major lineages of buprestids, I will use the resulting phylogenies to study the evolution of host use in the group. Of particular interest to me are shifts in the tissue types exploited by different buprestid lineages and the role of host use in buprestid diversification.

B. SPECIES WANTED FOR RESEARCH OR EXCHANGE

C. REQUESTS FOR LITERATURE

D. FORUM

The last newsletter came back from the following colleagues with the remark “address unknown”:

Shigeru ENDO
George C. WALTERS jun.
Geoff WILLIAMS
Magnus PETERSON.

Who can help with the addresses or information?

E. PUBLICATIONS

Bellamy, C. L. 2002. Nomenclatural and taxonomic changes, new distribution and biological records for jewel beetles (Coleoptera: Buprestidae). *Insecta Mundi* 16(1-3): 57-63.

Bellamy, C. L. 2003. The stunning world of jewel beetles. *Wings* 26(2):13-17.

Bellamy, C. L. 2004. New replacement names in Buprestidae (Coleoptera). *Folia Heyrovskyana* 11(3-4)(2003):155-158.

Bellamy, C. L. 2004. Nomenclatural reversals in Buprestidae (Coleoptera). *The Pan-Pacific Entomologist* 79(3/4):258-259.

Bilý, S. & M. G. Volkovitsh. 2003. Larvae of Australian Buprestidae (Coleoptera). Part 1. Genera *Austrophorella* and *Pseudotaenia*. *Acta Societatis Zoologicae Bohemicae* 67: 99-114.

Bilý, S. & V. Kuban. 2004. Two new species of *Anthaxia* Eschscholtz, 1829 from the *A. salicis* (Fabricius, 1776) species-group (Coleoptera: Buprestidae). *Zootaxa* 771: 1-8.

Borumand, H. 2002. Insects of Iran. The list of coleoptera in the insect collection of Plant Pest & Diseases Research Institute. Coleoptera (XXIV): Buprestoidea: Fam. (62): Buprestidae. Plant Pest & Diseases Research Institute, Insect Taxonomy Research Department, Publication No.8, 70 pp., Tehran.

Corona, A. Ma. 2004. A new species of *Lampetis* Dejean from Chiapas, Mexico (Coleoptera: Buprestidae). *The Coleopterists Bulletin* 58(2):159-162.

Curletti, G. 2004. *Malawiella bouyeri* n. sp. del Congo (Coleoptera, Buprestidae). *Lambillionea* 104: 201-202.

Curletti, G. 2004a. Contribution à la connaissance du groupe d'*Agrilus* (*Agriphylus*) *dimorphus* Obenberger, 1923 (Coleoptera, Buprestidae). *Entomologia Africana* 9(2):7-12.

Hawkeswood, T. J. & J. R. Turner. 2003. The first larval host plant record for *Curis caloptera* (Boisduval, 1835) (Coleoptera: Buprestidae) with notes on the biology and larval host plants of other species of *Curis* Laporte & Gory from Australia. *Mauritiana* 18(3): 421-426.

ICZN. Opinion 2076. (Case 3193). 2004. *Chrysodema* Laporte & Gory, 1835 and *Iridotaenia* Deyrolle, 1864 (Insecta, Coleoptera): usage conserved by the designation of *C. sonnerati* Laporte & Gory, 1835 as the type species of *Chrysodema*. *Bulletin of Zoological Nomenclature* 61(2):128-129.

Karagyan, G. H. & M. Yu. Kalashian. 2004. The female reproductive organs jewel-beetles (Coleoptera, Buprestidae). Proceedings of the Conference on Invertebrates' Zoology dedicated to the 100th anniversary of S. M. Iablokoff-Khnzorian. Pp.71-72. National Academy of Sciences of the Republic of Armenia, Institute of Zoology, Yerevan.

Karagyan, G. H. 2004. Karyotypes of two species of jewel-beetles and presumptive ancestral state of karyotype of the subfamily Buprestinae (Coleoptera, Buprestidae). Proceedings of the Conference

on Invertebrates' Zoology dedicated to the 100th anniversary of S. M. Iablokoff-Khinzorian. Pp. 69-70. National Academy of Sciences of the Republic of Armenia, Institute of Zoology, Yerevan.

Liberto, A. & M. Gigli. (2003). *Agrilus viscivorus*, un buprestide nuovo per la fauna Italiana. Bolletino dell'Associazione Romana di Entomologia, 58 (1-4):47-51.

MacRae, T. C. 2004. Notes and host associations of *Taphrocerus gracilis* (Say) (Coleoptera: Buprestidae) and its life history in Missouri. The Coleopterists Bulletin 58(3):388-390.

Murria Beltrán, F. & A. Murria Beltrán. 2004. *Anthaxia (Melanthaxia) helvetica* Stierlin, 1868 nueva especie de buprestido para España (Coleoptera: Buprestidae). Boletín de la Sociedad Entomológica Aragonesa. N° 34:227.

Nelson, G. H. & C. L. Bellamy. 2004. A revision of the genus *Paratyndaris* Fisher, 1919 (Coleoptera: Buprestidae: Polycestinae). Zootaxa 683:1-80.

Niehuis, M. 2004. Die Prachtkäfer in Rheinland-Pfalz und im Saarland. Beiheft 31 der Schriftenreihe „Fauna und Flora in Rheinland-Pfalz“. Gesellschaft für Naturschutz und Ornithologie Rheinland-Pfalz e.V. (GNOR). Landau/Pfalz.

Nylander, U. 2004. Description of a new species of *Calodema* (Laporte & Gory, 1837) and of two new species of *Metaxymorpha* (Parry, 1848) from the rain forest of New Guinea. Lambillionea 104:391-400.

Ohmomo, S. & H. Karube. 2004. On a new subspecies of *Tamamushia virida* Miwa and Chujo, 1935 from the Ogasawara Islands. Research report of the Kanagawa prefecture Museum of Natural History (12):95-96.

Ohmomo, S. 2004. Buprestid Beetles (Coleoptera: Buprestidae) new to Japanese fauna. Entomological Review of Japan 59(2):135-143.

Ohmomo, S. 2004a. Notes on buprestid beetles (Coleoptera: Buprestidae) from Thailand, VI. Entomological Review of Japan 59(2):145-151.

Sakalian, V. 2004. Contribution to the knowledge of the jewel beetles of the Balkan peninsula. Acta Zoologica Bulgarica 56(2):175-179.

Sánchez Sobrino, M. & L. Tolosa Sánchez. 2002. Un nuevo buprestido para la península Ibérica: *Agrilus (Anambus) auricollis* Kiesenwetter, 1851 (Coleoptera: Buprestidae). Boletín de la Sociedad Entomológica Aragonesa. N°. 30:115-116.

Sánchez Sobrino, M. & L. Tolosa Sánchez. 2003. Un nuevo buprestido para la península Ibérica: *Agrilus (Anambus) convexicollis* Redtenbacher, 1849 (Coleoptera: Buprestidae). Boletín de la Sociedad Entomológica Aragonesa. N°. 33:85-86.

Sánchez Sobrino, M. & L. Tolosa Sánchez. 2004. *Agrilus (Anambus) jacetanus* n. sp. de España (Coleoptera: Buprestidae). Boletín de la Sociedad Entomológica Aragonesa. N°. 34:31-34.

Sánchez Sobrino, M. & L. Tolosa Sánchez. 2004. El subgenero *Uragrilus* Semenov, 1935 en la península Ibérica (Coleoptera: Buprestidae). Boletín de la Sociedad Entomológica Aragonesa. N°. 34:111-114.

Sánchez Sobrino, M. 2002. Nuevos datos corológicos de buprestidos en Galicia (Coleoptera: Buprestidae). Boletín de la Sociedad Entomológica Aragonesa. N°. 30:149-150.

Stumpf, W. 1999. Zur Biologie und Verbreitung der Prachtkäferarten der Gattungen *Poecilnota*, *Scintillatrix*, *Buprestis* und *Phaenops* in Thüringen (Coleoptera, Buprestidae). Thüringer Faunistische Abhandlungen 6:169-176.

Stumpf, W. 2004a. Zur Kenntnis der Prachtkäferfauna Thüringens (Coleoptera, Buprestidae). Mitteilungen des Thüringer Entomologenverbandes 11(1):2-5.

Stumpf, W. 2004b. Zur Kenntnis der Prachtkäferfauna Thüringens (Coleoptera, Buprestidae) – Nachtrag 1. Mitteilungen des Thüringer Entomologenverbandes 11(2):32.

Stumpf, W. 2004c. Beobachtungen und Funddaten von Prachtkäfern und seltenen Blatthornkäfern aus dem Jahre 2004 (Coleoptera: Buprestidae, Scarabaeidae). *Mitteilungen des Thüringer Entomologenverbandes* 11(2):33-35.

Volkovitsh, M. 2004. New records of Buprestidae (Coleoptera) from Israel with description of a new species. *Israel Journal of Entomology* 34:109-152.

Volkovitsh, M. G., S. **Bilý** & J. **Hasenpush**. 2003. Larvae of Australian buprestidae (Coleoptera). Part 2. Genus *Metaxymorpha*. *Folia Heyrovskyana* 11(3-4):203-216.

Westcott, R. L. & C. L. **Bellamy**. 2004. The rediscovery of *Acmaeodera horni* Fall (Coleoptera: Buprestidae). *The Pan-Pacific Entomologist* 79(3/4):250-251.

Zabransky, P. 2004. Ein neuer Prachtkäfer aus der Unterfamilie Polycestinae: *Strigoptera* (*Svatacesta* subgen. n.) *socotra* sp. n. (Coleoptera: Buprestidae). *Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen* 56(3/4):115-123. — **Z**

F. NEW TAXONS

(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:

CSSM	Sánchez Sobrino collection, Madrid, Spain
KPMNH	Kanagawa Prefecture Museum of National History, Odawara-shi/Japan
MCCI	Museo Civico di Storia Naturale, Carmagnola, Italy
NMPC	Narodni Muzeum, Praha/Czech Republic
NSMT	National Science Museum, Tokyo/Japan
PZCW	Petr Zabransky collection, Vienna/Austria
TAU	Tel Aviv University, Tel Aviv/Israel
TFMC	Museo de Ciencias Naturales de Tenerife, Canarias, Spain
UNCV	Ulf Nylander collection, Valbo, Sweden
VKCB	Vit Kuban collection, Brno/Czech Republik
ZIN	Zoological Institute, Russian Academy of Sciences, St.Petersburg/Russia

New species and subspecies

2003

<i>Acmaeodera (Acmaeotethya) guayarmina</i> Volkovitsh & Liberto, 2002	Canary Islands/Gran Canaria	TFMC
<i>Agrilus (Anambus) jacetanus</i> Sobrino & Tolosa, 2004	Spain	CSSM

2004

<i>Acmaeodera (Cobosiella) ichikoe</i> Ohmomo, 2004a	Thailand	NSMT
<i>Agrilus (Agriphyllus) dukuduku</i> Curletti, 2004a	Malawi ?	MCCI
<i>Agrilus (Agriphyllus) giorgiae</i> Curletti, 2004a	Ivory Cost	MCCI
<i>Agrilus (Anambus) jacetanus</i> Sobrino & Tolosa, 2004	Spain	CSSM
<i>Agrilus sekii</i> Ohmomo, 2004	Japan, Ryu-Kyu isl	NSMT
<i>Agrilus sekii yaeyamanus</i> Ohmomo, 2004	Japan, Ryu-Kyu isl	NSMT
<i>Anthaxia (Anthaxia) anadyomene</i> Bilý & Kuban, 2004	Cyprus	NMPC
<i>Anthaxia (Anthaxia) syriaca</i> Bilý & Kuban, 2004	Syrien	NMPC

<i>Aphanisticus bolmi</i> Kalashian, 2004	Indonesia, Lombok isl.	VKCB
<i>Aphanisticus daoensis</i> Kalashian, 2004	Vietnam	VKCB
<i>Aphanisticus gayanae</i> Kalashian, 2004	Vietnam	VKCB
<i>Aphanisticus lubopetri</i> Kalashian, 2004	Malaysia, Tioman	VKCB
<i>Aphanisticus okinawanus</i> Ohmomo, 2004	Japan, Ryu-Kyu isl	NSMT
<i>Aphanisticus soppongi</i> Kalashian, 2004	Thailand	VKCB
<i>Aphanisticus vietnamensis</i> Kalashian, 2004	Vietnam	ZIN
<i>Aphanisticus viridisignatus</i> Kalashian, 2004	Laos	VKCB
<i>Aphanisticus viti</i> Kalashian, 2004	Borneo, Sabah	VKCB
<i>Calodema suhandae</i> Nylander, 2004	Indonesia/Irian Jaya	UNCV
<i>Coraebus wiwuti</i> Ohmomo, 2004a	Thailand	NSMT
<i>Habroloma (Parahabroloma) lateroalbum</i> Ohmomo, 2004a	Thailand	NSMT
<i>Malawiella bouyeri</i> Curletti, 2004	R. D. Congo	MCCI
<i>Metaxymorpha hilleri</i> Nylander, 2004	Papua New Guinea	UNCV
<i>Metaxymorpha mariettae</i> Nylander, 2004	Indonesia/Irian Jaya	UNCV
<i>Tamamushia virida fujitai</i> Ohmomo & Karube, 2004	Japan, Ogasawara isl	KPMNH
<i>Xantheremia (Xantheremia) freidbergi</i> Volkovitsh, 2004	Israel	TAU
<i>Strigoptera (Svatacesta) socotra</i> Zabransky, 2004	Yemen, Socotra	PZCW

New subgenus

2004

Strigoptera (Svatacesta) Zabransky, 2004 type species: *Strigoptera (Svatacesta) socotra* Zabransky, 2004

G. Nomenclatural changes

Synonyma (the second name is the valid one)

2004

<i>Agrilus cupreotinctus</i> Obenberger, 1931 = <i>Agrilus gestroi</i> Kerremans, 1906	Curletti, 2004a
<i>Agrilus florulus</i> Obenberger, 1923 = <i>Agrilus dimorphus</i> Obenberger, 1923	Curletti, 2004a
<i>Agrilus pokorny</i> Obenberger, 1935 = <i>Agrilus gestroi</i> Kerremans, 1906	Curletti, 2004a
<i>Agrilus rothkirchi</i> Obenberger, 1923 = <i>Agrilus schoutedeni</i> Kerremans, 1913	Curletti, 2004a
<i>Aphanisticus formosanus</i> Obenberger, 1944 = <i>Aphanisticus fossidiscus</i> Obenberger, 1944	Kalshian, 2004
<i>Acmaeodera pharsaea</i> [recte: <i>pharisaea</i>] Obenberger, 1946 = <i>Acmaeodera (Palaeotethya) macchabaea</i> Abeille de Perrin, 1891	Volkovitsh 2004
<i>Acmaeodera houskai</i> Obenberger, 1946 = <i>Acmaeodera (Palaeotethya) macchabaea</i> Abeille de Perrin, 1891	Volkovitsh 2004
<i>Acmaeoderella rufomarginata</i> var. <i>stramineipennis</i> Chobaut, 1922 = <i>Acmaeoderella (Liogastrina) sefrensis</i> (Pic, 1895)	Volkovitsh 2004

Acmaeoderella virgulata var. *lucasi* Théry, 1928 = *Acmaeoderella (Liogastria) sefrensis* (Pic, 1895)
Volkovitsh 2004

Acmaeoderella eucera Obenberger, 1946 = *Acmaeoderella (Liogastria) elegans miribella*
(Obenberger, 1946) Volkovitsh 2004

Status novus (reestablished)

2004

Acmaeodera (Palaeotethya) macchabaea Abeille de Perrin, 1891 (from “Syrie”) Volkovitsh 2004

Agrilus hokkaidoensis Toyama, 1985 (from Japan) Ohmomo 2004

Status novus (reestablished) and new combination

2004

Acmaeoderella (Liogastria) sefrensis (Pic, 1895) (from Algeria) Volkovitsh 2004

Acmaeoderella (Liogastria) elegans miribella (Obenberger, 1946) (from Israel) Volkovitsh 2004

Status novus (upgraded to species)

2004

Acmaeoderella adspersula arabica Cobos, 1963 = *Acmaeoderella (Omphalothorax) arabica*
Volkovitsh 2004

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

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