

# BUPRESTIS

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

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Dear friends,

This time you will receive BUPRESTIS in the format you know already since long time. Some years ago I started to add the list of new species and taxonomical changes. Now Chuck will do that in an electronic catalogue. He explains his plan in our Forum. I strongly support his plan and I dearly hope you also will support him with your news.

On the other hand I am still interested to get your news and publications. I guess everybody has his own system to remain up-to-date. In Europe (and throughout the world) there are many journals on entomology. To find new papers dealing with buprestids we (Chuck and me) need your help.

Finally I wish you and your families all the very best for Christmas and a Happy New Year.

Cordially yours

Hans

The deadline for the next issue of BUPRESTIS will be 15. October 2010.

Hans Mühle  
Editor

## A. RESEARCH ACTIVITIES AND INTERESTS

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## B. SPECIES WANTED FOR RESEARCH OR EXCHANGE

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## C. REQUESTS FOR LITERATURE

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## D. FORUM

In the following contribution Chuck **Bellamy** proposes a new way to support us with necessary information.

### **World Catalogue and Electronic Version**

Since the publication of the *World Catalogue*, I have been occupied with upgrading it into the first electronic version, which I hope will be ready for sale and distribution in 2010. It will be with a very nominal cost and will be in continual upgrade annually for as long as I can manage.

The electronic catalogue will feature a fully corrected version from what was published in the five volumes of the *World Catalogue* and will include as much host data as I can locate and input. Therefore my repeated requests to receive reprints from as many of you as possible will continue. Each year I carefully review the annual volume of the *Zoological Record* to make certain that I have included all new taxa described in the subsequent year. I am sometimes surprised by taxon names and publications that I had been completely unaware of. However, I am, and have been, very grateful to all of my colleagues who have sent their papers, and more recently PDF copies, for inclusion in this continuing project.

I am searching for the proper (i.e. secure) way to distribute the electronic catalogue in a way that protects my investment of time and the copyright. In an age where copyright is not enforced in many areas, e.g. licensed software, music and video downloads, etc., I cannot simply spend so many hours to produce a large document and then distribute it in an electronic format that would encourage secondary distribution. PDF is a great way to share data and documents, but there is nothing to stop a subscriber to the annual catalogue updates from sending the files to others without each paying the costs. If anyone can suggest a more secure format or distribution model, I would be glad to know about it.

And about the costs, while the printed copy is priced way too high for many of us (including me) to afford, the electronic version will be a very economical price, although I cannot predict what it will be just yet. And with the purchase of the electronic version, the annual upgrade will be included for no further fee.

### **World Checklist on-line**

(<http://www.fond4beetles.com/Buprestidae/WorldCat/Classif/webcat.html>)

I have prepared and host on-line a completely up-to-date Checklist of World Buprestidae and it evolves with the addition of every new paper I receive.

**Type Image links** ([http://www.fond4beetles.com/Buprestidae/Image\\_Types.html](http://www.fond4beetles.com/Buprestidae/Image_Types.html))

I have begun linking images of various type specimens to the world checklist. Many of these images were taken during visits to certain large collections many years ago and many of the images are far below the type of resolution that modern digital photography permits, but having even a dorsal habitus image of a type available is better than nothing. Anyone who might wish to share images of types or identified vouchers that I do not have is encouraged to contact me and send those images. I will then optimize them for the web and host them from the World of Jewel Beetles website.

### **Data-sharing**

Along with the on-line checklist, I also host a free download of the large Bibliography in PDF format. This is available to anyone who has access to the internet and can download files. I upgrade the bibliography several times a year, and am always interested to learn of additional publications on Buprestidae. The most recent version is from May 2009 and is available at:

<http://www.fond4beetles.com/Buprestidae/WorldCat/Refs/WebRefsMay2009.pdf>

Along with the bibliography, I would like to mention again that for anyone who plans to study or revise any particular buprestid group or taxon, I would be happy to copy that section from the electronic catalogue and send it directly to support your research. I would do this on a genus basis, so if you plan to revise the South African *Chalcoplia*, the Australian *Neospades* or the Philippine *Sambus*, I can send the entire suite of data that has been captured under those respective genera.

**Newsletters** (<http://www.fond4beetles.com/Buprestidae/newsletter.htm>)

After archiving the electronic issues of *BUPRESTIS*, and starting my own electronic newsletter, I recently started a blog: *Jewel Beetle News* (<http://jewelbeetlenews.wordpress.com/>), which I hope can be a more dynamic method of communicating about certain subjects. While I am the moderator of the blog, anyone can join and post comments, etc.

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### **E. PUBLICATIONS**

**Papers marked with an “\*” I did not obtain, so I cannot give any further information about the new species or nomenclatorial changes.**

Arnáiz, L. R. G. Becerra & P. Bercedo. 2009. Una nueva especie de *Acmaeodera* Eschscholtz, 1829 del subgenero *Palaeotethya* Volkovitsh, 1979 de Lanzarote (Canarias, España) (Coleoptera: Buprestidae: Polycestinae). Boletín de la Sociedad Entomológica Aragonesa. N°. 44:83-85.

- Baiocchi, D.** 2008. A new species of *Anthaxia* from south-western Iran (Coleoptera, Buprestidae). *Fragmenta entomologica* 40(2):323-331.
- Barimani Varandi, H., M. Yu. Kalashian & H. Barari.** 2009. Contribution to the knowledge of the jewel beetles (Coleoptera: Buprestidae) fauna of Mazandaran province of Iran. *Caucasian Entomological Bulletin* 5(1):63-69.
- Barries, W.** 2009a. *Chrysobothris* (s.str.) *jakli* sp. n. aus Indonesien (Coleoptera: Buprestidae: Chrysobothrini). *Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen* 61(1): 51-53.
- Barries, W.** 2009b. *Chrysobothris* (s.str.) *catei* sp. n. aus dem Iran (Coleoptera: Buprestidae: Chrysobothrini). *Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen* 61(1): 55-58.
- Bílý, S. & D. Baiocchi.** 2009. *Anthaxia* (*Haplanthaxia*) *pinda* sp. nov. from the Arabian Peninsula (Coleoptera: Buprestidae). *Zootaxa* 2280: 63-68.
- Bílý, S.** 2009. A new genus and species of the tribe Trigonogeniini Cobos, 1956, from Belize (Coleoptera: Buprestidae). *Zootaxa* 2108: 65-68.
- Bílý, S.** 2009a. Book Review: Bellamy C. L.: A world catalogue and bibliography of the jewel beetles (Coleoptera: Buprestoidea). *European Journal of Entomology* 106:455-456.
- Curletti, G. & V. Sakalian.** 2009. Sixteen new species of *Agrilus* Curtis, 1825 from East Africa. (Coleoptera, Buprestidae). *ZooKeys* 24:1-29.
- Curletti, G.** 2009. *Agrilus* (*Agrilus*) *sundholmi*, a new *Agrilus* from Australia (Coleoptera: Buprestidae). *Zootaxa* 2137: 66-68.
- Curletti, G.** 2009a. Sul genere *Steraspis* Dejean, 1833 (Coleoptera, Buprestidae). *Bollettino del Museo regionale di Scienze naturali – Torino* 26(1-2):83-153.
- Hawkeswood, T. J. & J. R. Turner.** 2009. *Castiarina lisaejessicae* sp. nov., a new jewel beetle (Coleoptera: Buprestidae) from New South Wales, Australia. *Giornale Italiano di Entomologia* 12: 199-203.
- Hespenheide, H. A. & C. L. Bellamy.** 2009. New species, taxonomic notes and records for *Agrilus* Curtis (Coleoptera: Buprestidae) of México and the United States. *Zootaxa* 2084:50-68.
- Hilchie, G. J.** 2009. *Acmaeodera immaculata* Horn in Alberta, Canada, with notes about geographic distribution of related species (Coleoptera: Buprestidae). *The Coleopterists Bulletin* 63(1):14-23.
- Holynski, R. B.** 2008. A new species of New Guinean *Stigmodera* Esch. and remarks on *Pseudhyperantha* Snd. (Coleoptera: Buprestidae). *Opole Scientific Society Nature Journal* 41:43-48.
- Holynski, R. B.** 2009. Taxonomic structure of the subtribe Chrysochroina Cast. with a review of the genus *Chrysochroa* Dej. *Gondwana, Warszawa*, 391 pp., 20 colour plates.
- Hornburg, M. & S. Gottwald.** 2008. *Oaxacanthaxia aenea* sp. nov. (Coleoptera: Buprestidae), a new species from the coastal plains of northwestern Venezuela. *Folia Heyrovskyana* 16(1-2):1-8.
- Jendek, E. & V. V. Grebennikov.** 2009. *Agrilus sulcicollis* (Coleoptera: Buprestidae), a new alien species in North America. *Canadian Entomologist* 141:236-245.
- Jendek, E. & V. V. Grebennikov.** 2009a. Revision of the *Agrilus cyanescens* species-group (Coleoptera: Buprestidae) with description of three new species from the east Palearctic region. *Zootaxa* 2139:43-60.
- Jendek, E. & V. V. Grebennikov.** 2009b. Revision of the *Agrilus muscarius* species-group (Coleoptera: Buprestidae) with description of thirteen new species from Palearctic and Oriental region. *Zootaxa* 2168:1-33.
- Kalashian, M. Yu. & M. G. Volkovitsh.** 2009. Novyye vidy roda *Sphenoptera* Dejean iz Indii i Pakistana s zametkami po sinonimike i nomenclature nekotorykh vidov podroda *Sphenoptera* s. str. (Coleoptera, Buprestidae). *Entomologicheskoe Obozrenie*, 88(2): 400-415 (in Russian with English summary). [English translation: Kalashian M.Yu. & Volkovitsh M.G. 2009. New species of the

buprestid genus *Sphenoptera* Dejean from India and Pakistan with notes on the synonymy and nomenclature of some species of the subgenus *Sphenoptera* s. str. (Coleoptera, Buprestidae). Entomological Review, 89 (4): 437-450.]

**Krajcik, M.** 2009. New Buprestidae, Cetoniinae and Trichiinae (Coleoptera). Animma.x No.28:1-18.

**Levey, B.** 2009. An interesting new species of *Acmaeodera* (s.str.) Eschscholtz 1829 from the Afrotropical Region (Coleoptera: Buprestidae). Zootaxa 2155:23-27.

**Mühle, H. & P. Brandl.** 2009. *Meliboeus* (*Meliboeoides*) *makrisi* sp. n., eine neue Art der Gattung *Meliboeus* Deyrolle, 1864, von Zypern (Coleoptera: Buprestidae). Nachrichtenblatt der bayerischen Entomologen 58(3/4):54-58.

**Niehuis, M.** 2009. *Chrysobothris rejzeki* n. sp. ein neuer Prachtkäfer aus dem Jemen (Coleoptera: Buprestidae). Mitteilungen des Internationalen Entomologischen Vereins 34(3-4):115-123.

**Niehuis, M.** 2009a. *Sphenoptera* (*Chrysoblemma*) *aradica* n. sp. ein neuer Prachtkäfer aus Israel (Coleoptera: Buprestidae). Mitteilungen des Internationalen Entomologischen Vereins 34(3-4):125-132.

**Novak, G. & G. Curletti.** 2008. *Agrilus* (*Robertius*) *gedeellus* sp. n., und *gendum* sp. n., zwei neue Arten aus Kenya (Coleoptera: Buprestidae). Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen 60(3/4): 121-124.

**Opinion 2214** (Case 3366). 2008. *Cisseis* Gory & Laporte de Castelnau, 1839 and *Curis* Gory & Laporte de Castelnau, 1838 (Insecta, Coleoptera, Buprestidae): generic names not conserved. Bulletin of Zoological Nomenclature 65(4):325-326.

**Sakalian, V. P. & M. Langourov.** 2007. Fauna and Zoogeography of Jewel beetles (Coleoptera: Buprestidae) in Bulgaria. In: V. Fet & A. Popov (ed.): Biogeography and Ecology of Bulgaria, pp.357-378.

**Sautière, Ch.** 2006. Observations sur les Buprestes des départements de l'Ardèche et de la Drome. Bulletin Rutilans IX-3:73-84.

**Sautière, Ch.** 2007. Observations sur les Buprestes de l'Ardèche et de la Drome. Bulletin Rutilans X-1:8-21.

**Sautière, Ch.** 2009. Redécouverte d'*Anthaxia candens* (Panzer, 1793) en Espagne et description de sa sous-espèce ibérique. Bulletin Rutilans XI-3:69-76.

**Trojan, I.** 2009. Contribution to the knowledge of biology of jewel beetle *Cyphosoma lawsoniae lawsoniae* (Coleoptera, Buprestidae). Elateridarium 3:19-29 [in Czech with English summary].

**Turner, J. R. & T. J. Hawkeswood** 2009. *Melobasis abigailae* sp. nov. (Coleoptera: Buprestidae), a new jewel beetle from Australia, with observations on its larval host plant and biology. Giornale Italiano di Entomologia 12: 205-212.

**Volkovitsh, M. G.** 2008. *Acmaeodera* (*Cobosiella*) *kerzhneri* sp.n. – a new species of Acmaeoderini from India (Coleoptera: Buprestidae: Polycestinae). Caucasian Entomological Bulletin 4(3):321-322.

**Zack, R. S., A. Moore & R. H. Miller.** 2009. First record of *Aphanisticus cochinchinae seminulum* Obenberger (Coleoptera: Buprestidae) from Micronesia. The Coleopterists Bulletin 63(1):41-43.

## 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>AMSA</b>	<b>Australian Museum, Sydney/Australia</b>
<b>ANIC</b>	<b>Australian National Insect Collection, Canberra/Australia</b>
<b>CSCC</b>	<b>Christophe Sautière collection, Coux/France</b>
<b>DBCR</b>	<b>Daniele Baiocchi collection, Roma/Italy</b>
<b>EJCB</b>	<b>Eduard Jendek collection, Bratislava/Slovakia</b>
<b>GNCV</b>	<b>Gottfried Novak collection, Vienna/Austria</b>
<b>HMCM</b>	<b>Hans Mühle collection, Munich/Germany</b>
<b>ISNB</b>	<b>Royal Belgium Institute of Natural Sciences, Brussels/Belgium</b>
<b>IZBAS</b>	<b>Institute of Zoology BASc Scientific Found, Sofia/Bulgaria</b>
<b>MCGD</b>	<b>Museo Civico di Storia Naturale “Giacomo Doria”, Genova/Italy</b>
<b>MNHUB</b>	<b>Museum für Naturkunde der Humboldt-Universität, Berlin/Germany</b>
<b>NMK</b>	<b>National Museum of Kenya; Nairobi/Kenya</b>
<b>NMPC</b>	<b>Narodni Muzeum, Praha/Czech Republic</b>
<b>RBH</b>	<b>Roman Holyński collection; Milanówek/Poland</b>
<b>RGB</b>	<b>Rafael Garcia Becerra collection, La Palma/Spain, Canaries</b>
<b>SMNS</b>	<b>Staatliches Museum für Naturkunde, Stuttgart/Germany</b>
<b>TAMU</b>	<b>Texas A &amp; M University, College Station/U.S.A</b>
<b>UMO</b>	<b>University Museum of Natural History, Oxford/United Kingdom</b>
<b>UNAM</b>	<b>Universidad Nacional Autonoma de Mexico, Mexico/Mexico</b>
<b>VKCB</b>	<b>Vit Kuban collection, Brno/Czech Republic</b>
<b>WBCW</b>	<b>Wolfgang Barries collection, Vienna/Austria</b>
<b>ZIN</b>	<b>Zoological Institute, Russian Academy of Sciences, St.Peterburg/Russia</b>
<b>ZSM</b>	<b>Zoologische Staatssammlung München, Munich/Germany</b>

**New species and subspecies****2008**

<i>Acmaeodera (Cobosiella) kerzhneri</i> Volkovitsh, 2008	India	NMPC
<i>Agrilus (Robertius) gedeellus</i> Novak & Curletti, 2008	Kenya	GNCV
<i>Agrilus (Robertius) gedenus</i> Novak, 2008 (in: Novak & Curletti, 2008)	Kenya	GNCV
<i>Anthaxia (Anthaxia) patsyae</i> Baiocchi, 2008	Iran	DBCR
<i>Oaxacanthaxia (Robertius) aenea</i> Hornburg & Gottwald, 2008	Venezuela	MNHUB
<i>Stigmodera (Castiarina) nylanderi</i> Holynski, 2008	New Guinea	ISNB

**2009**

<i>Acmaeodera (Acmaeotethya) tagoror</i> Arnáiz, Becerra & Bercedo, 2009	Spain, Canaries	RGB
<i>Acmaeodera</i> (s.str.) <i>bertrami</i> Levey, 2009	Tanzania	BMNH
<i>Agrilus (Agrilus) cteniasiformis</i> Curletti & Sakalian, 2009	Kenya	IZBAS
<i>Agrilus (Agrilus) gueorguievi</i> Curletti & Sakalian, 2009	Kenya	IZBAS
<i>Agrilus (Agrilus) kinuthiae</i> Curletti & Sakalian, 2009	Kenya	IZBAS
<i>Agrilus (Agrilus) ljubomirovi</i> Curletti & Sakalian, 2009	Kenya	IZBAS
<i>Agrilus (Agrilus) njugunai</i> Curletti & Sakalian, 2009	Kenya	IZBAS
<i>Agrilus (Agrilus) novaki</i> Curletti & Sakalian, 2009	Tanzania	IZBAS
<i>Agrilus (Agrilus) polinae</i> Curletti & Sakalian, 2009	Kenya	IZBAS
<i>Agrilus (Agrilus) sunholmi</i> Curletti, 2009	Australia	AMSA
<i>Agrilus (Duttus) delchevi</i> Curletti & Sakalian, 2009	Kenya	IZBAS

<i>Agrilus (Paralophotus) gordonii</i> Curletti & Sakalian, 2009	Kenya	IZBAS
<i>Agrilus (Paralophotus) jiloi</i> Curletti & Sakalian, 2009	Kenya	IZBAS
<i>Agrilus (Paralophotus) pavlinae</i> Curletti & Sakalian, 2009	Kenya	IZBAS
<i>Agrilus (Paralophotus) penevi</i> Curletti & Sakalian, 2009	Kenya	IZBAS
<i>Agrilus (Paralophotus) popovi</i> Curletti & Sakalian, 2009	Kenya	IZBAS
<i>Agrilus (Paralophotus) semerdjiewi</i> Curletti & Sakalian, 2009	Kenya	IZBAS
<i>Agrilus (Paralophotus) tsavoensis</i> Curletti & Sakalian, 2009	Kenya	IZBAS
<i>Agrilus (Robertius) mungaii</i> Curletti & Sakalian, 2009	Uganda	NMK
<i>Agrilus anthaxioides</i> Hesperheide, 2009	México	UNAM
<i>Agrilus apicaureus</i> Jendek 2009b (in: Jendek &Grebennikov. 2009b)	Laos	EJCB
<i>Agrilus arsenevi</i> Jendek 2009a (in: Jendek &Grebennikov. 2009a)	Russia	EJCB
<i>Agrilus carinelytratus</i> Jendek 2009b (in: Jendek &Grebennikov. 2009b)	Malaysia	EJCB
<i>Agrilus chrysobothroides</i> Hesperheide, 2009	México	UNAM
<i>Agrilus cuneatus</i> Jendek 2009b (in: Jendek &Grebennikov. 2009b)	Thailand	EJCB
<i>Agrilus dali</i> Jendek 2009a (in: Jendek &Grebennikov. 2009a)	China	EJCB
<i>Agrilus dilatipennis</i> Jendek 2009b (in: Jendek &Grebennikov. 2009b)	Thailand	EJCB
<i>Agrilus giesberti</i> Hesperheide, 2009	México	TAMU
<i>Agrilus haucki</i> Jendek 2009b (in: Jendek &Grebennikov. 2009b)	Malaysia	EJCB
<i>Agrilus hunanus</i> Jendek 2009b (in: Jendek &Grebennikov. 2009b)	China	EJCB
<i>Agrilus leucaenae</i> Hesperheide, 2009	México	UNAM
<i>Agrilus madanensis</i> Jendek 2009b (in: Jendek &Grebennikov. 2009b)	Vietnam	EJCB
<i>Agrilus obrienorum</i> Hesperheide, 2009	México	UNAM
<i>Agrilus obrienorum</i> Hesperheide, 2009	México	UNAM
<i>Agrilus paramacer</i> Hesperheide, 2009	México	UNAM
<i>Agrilus parkinsoniae</i> Hesperheide, 2009	México	UNAM
<i>Agrilus pseudoharlequin</i> Jendek 2009b (in: Jendek &Grebennikov. 2009b)	Indonesia	EJCB
<i>Agrilus rifkindi</i> Hesperheide, 2009	México	UNAM
<i>Agrilus rifkindi pueblae</i> Hesperheide, 2009	México	UNAM
<i>Agrilus rolciki</i> Jendek 2009b (in: Jendek &Grebennikov. 2009b)	India	EJCB
<i>Agrilus semicaducus</i> Jendek 2009b (in: Jendek &Grebennikov. 2009b)	Laos	EJCB
<i>Agrilus spiculipennis</i> Jendek 2009b (in: Jendek &Grebennikov. 2009b)	Vietnam	EJCB
<i>Agrilus tiomanensis</i> Jendek 2009b (in: Jendek &Grebennikov. 2009b)	Malaysia	EJCB
<i>Agrilus ventrituber</i> Jendek 2009b (in: Jendek &Grebennikov. 2009b)	Thailand	EJCB
<i>Agrilus zhongdian</i> Jendek 2009a (in: Jendek &Grebennikov. 2009a)	China	EJCB
<i>Anthaxia (Haplanthaxia) pinda</i> Bílý & Baiocchi, 2009	United Arab Emirates	NMPC
<i>Anthaxia candens cobosi</i> Sautière, 2009	Spain	CSCC
<i>Castiarina lisaejessicae</i> Hawkeswood & Turner, 2009	Australia	ANIC
<i>Chrysobothris</i> (s.str.) <i>catei</i> Barries, 2009b	Iran	NMPC

<i>Chrysobothris</i> (s.str.) <i>jakli</i> Barries, 2009a	Indonesia	WBCW
<i>Chrysobothris</i> (s.str.) <i>rejzeki</i> Niehuis, 2009	Yemen	SMNS
<i>Chrysochroa</i> (s.str.) <i>fulminans nylanderi</i> Holynski, 2009	Indonesia	RBH
<i>Chrysochroa</i> (s.str.) <i>jasienskii</i> Holynski, 2009	Sri Lanka	RBH
<i>Chrysochroa</i> (s.str.) <i>landeri</i> Holynski, 2009	Sri Lanka	RBH
<i>Chrysochroa</i> (s.str.) <i>purpureipennis conjungens</i> Holynski, 2009	Indonesia	RBH
<i>Chrysochroa</i> (s.str.) <i>purpureiventris diversa</i> Holynski, 2009	Indonesia	BMNH
<i>Chrysochroa</i> ( <i>Xanthodema</i> ) <i>coelicolor remota</i> Holynski, 2009	Philippines	MCGD
<i>Cimrmanium angulinotum</i> Bílý, 2009	Belize	UMO
<i>Lampetis</i> ( <i>Lampetis</i> ) <i>kadleci</i> Krajcik, 2009	Tanzania	NMPC
<i>Lampetis</i> ( <i>Spinthoptera</i> ) <i>catenulata svobodai</i> Krajcik, 2009	Oman	NMPC
<i>Lampetis</i> ( <i>Spinthoptera</i> ) <i>weneri</i> Krajcik, 2009	Kenya	NMPC
<i>Meliboeus</i> ( <i>Meliboeoides</i> ) <i>makrisi</i> Mühle & Brandl, 2009	Cyprus	ZSM
<i>Melobasis abigailae</i> Turner & Hawkeswood, 2009	Australia	ANIC
<i>Sphenoptera</i> ( <i>Chrysoblemma</i> ) <i>aradica</i> Niehuis, 2009a	Israel	HMCM
<i>Sphenoptera</i> (s.str.) <i>galkae</i> Kalashian & Volkovitsh, 2009	Pakistan	VKCB
<i>Sphenoptera</i> (s.str.) <i>galkae</i> Kalashian & Volkovitsh, 2009	Pakistan	VKCB
<i>Sphenoptera</i> (s.str.) <i>galkae</i> Kalashian & Volkovitsh, 2009	Pakistan	VKCB
<i>Sphenoptera</i> (s.str.) <i>jacobsonorum</i> Kalashian & Volkovitsh, 2009	India	ZIN

## New genus

### 2009

<i>Cimrmanium</i> Bílý, 2009	type species: <i>Cimrmanium angulinotum</i> Bílý, 2009
<i>Bojasinskia</i> Holynski, 2009	type species: <i>Paracupta kleinschmidti</i> Fairmaire, 1878

## New subgenus

### 2009

<i>Afreliia</i> Holynski, 2009 (of <i>Chrysochroa</i> Dejean, 1833)	type species: <i>Agelia peteli</i> Gory, 1840
<i>Caledoenia</i> Holynski, 2009 (of <i>Metataenia</i> Théry 1923)	type species: <i>Buprestis sexmaculata</i> Laporte & Gory, 1836
<i>Chroodema</i> Holynski, 2009 (of <i>Chrysochroa</i> Dejean, 1833)	type species: <i>Demochroa corbetti</i> Kerremans, 1893
<i>Chrooxantha</i> Holynski, 2009 (of <i>Chrysochroa</i> Dejean, 1833)	type species: <i>Chrysochroa edwardsi</i> Hope, 1842
<i>Chrysoxantha</i> Holynski, 2009 (of <i>Chrysochroa</i> Dejean, 1833)	type species: <i>Buprestis buqueti</i> Gory, 1833
<i>Demoxantha</i> Holynski, 2009 (of <i>Chrysochroa</i> Dejean, 1833)	type species: <i>Chrysochroa gratiosa</i> Deyrolle, 1864
<i>Enigma</i> Holynski, 2009 (of <i>Metataenia</i> Théry 1923)	type species: <i>Paracupta foveicollis</i> Saunders, 1869
<i>Enigma</i> Holynski, 2009 (of <i>Metataenia</i> Théry 1923)	type species: <i>Paracupta foveicollis</i> Saunders, 1869

- Eviditaenia* Holynski, 2009 (of *Evides* Dejean, 1833) type species: *Evides kraatzi* Kerremans, 1899
- Gibbicupta* Holynski, 2009 (of *Paracupta* Deyrolle, 1864) type species: *Buprestis helopioides* Boisduval, 1835
- Marginicupta* Holynski, 2009 (of *Metataenia* Théry 1923) type species: *Paracupta marginipennis* Saunders, 1869
- Marysienka* Holynski, 2009 (of *Asamia* Théry 1909) type species: *Chrysochroa pulcherrima* Obst, 1903
- Pissteras* Curletti, 2009a (of *Steraspis* Dejean, 1833) type species: *Buprestis brevicornis* Klug, 1835
- Pyroxantha* Holynski, 2009 (of *Chrysochroa* Dejean, 1833) type species: *Chrysochroa cuprascens* Waterhouse, 1881
- Xanthodema* Holynski, 2009 (of *Chrysochroa* Dejean, 1833) type species: *Chrysochroa castelnaudi* Deyrolle, 1862

### G. Nomenclatural changes

#### Synonyma (the second name is the valid one)

##### 2009

- Agrilus balaenicaudus* Westcott & Noguera, 1995 = *Agrilus langei* Obenberger, 1935 Hesperheide, 2009
- Agrilus bocae* Descarpentries & Villiers, 1963 = *Agrilus aurrarius* Kerremans, 1892 Jendek, 2009b
- Agrilus cockerelli* Fisher, 1925 = *Agrilus cyanescens* Ratzeburg, 1837 Jendek, 2009a
- Agrilus italicus* Obenberger, 1920 = *Agrilus cyanescens* Ratzeburg, 1837 Jendek, 2009a
- Agrilus jaliscoanus* Westcott & Noguera, 1995 = *Agrilus sublateralis* Waterhouse, 1889 Hesperheide, 2009
- Agrilus pooli* Théry, 1936 = *Agrilus cyanescens* Ratzeburg, 1837 Jendek, 2009a
- Agrilus seladon* Obenberger, 1940 = *Agrilus muscarius* Kerremans, 1895 Jendek, 2009b
- Catoxantha nagaii* Ohmomo & Kume, 2000 = *Chrysochroa (Catoxantha) opulenta ohmomo*  
Holynski, 2009 Holynski, 2009
- Chrysochroa limbata* Nonfried, 1891 = *Chrysochroa (Chrooxantha) flavolimbata* Holynski, 2009  
Holynski, 2009
- Chrysochroa sakaii* Ohmomo, 1999 = *Chrysochroa (Chrooxantha) dayak* Holynski, 2009  
Holynski, 2009
- Megaloxantha hemixantha kiyoshii* Endo, 1995 = *Chrysochroa (Megaloxantha) izyckii* Holynski, 2009  
Holynski, 2009
- Megaloxantha nishiyamai* Endo, 1992 = *Chrysochroa (Megaloxantha) bicolor aenigmatica* Holynski,  
2009 Holynski, 2009
- Sphenoptera chalcosoma* Obenberger, 1927 = *Sphenoptera* (s.str.) *obruta* Kerremans, 1909  
Kalshian & Volkovitsh, 2009
- Sphenoptera cilicica* Obenberger, 1927 = *Sphenoptera* (s.str.) *tragacanthae* Klug, 1829  
Kalshian & Volkovitsh, 2009
- Sphenoptera corrosa* Obenberger, 1927 = *Sphenoptera* (s.str.) *tragacanthae* Klug, 1829  
Kalshian & Volkovitsh, 2009
- Sphenoptera hetera* Obenberger, 1927 = *Sphenoptera* (s.str.) *obruta* Kerremans, 1909  
Kalshian & Volkovitsh, 2009
- Sphenoptera ixion* Kerremans, 1912 = *Sphenoptera* (s.str.) *hypocrita* Mannerheim, 1837  
Kalshian & Volkovitsh, 2009

- Sphenoptera klickai* Obenberger, 1927 = *Sphenoptera* (s.str.) *tragacanthae* Klug, 1829  
Kalshian & Volkovitsh, 2009
- Sphenoptera maledicta* Obenberger, 1927 = *Sphenoptera* (s.str.) *tragacanthae* Klug, 1829  
Kalshian & Volkovitsh, 2009
- Sphenoptera politipennis* Obenberger, 1927 = *Sphenoptera* (s.str.) *exoleta* Jakovlev, 1908  
Kalshian & Volkovitsh, 2009
- Sphenoptera quadrata* Kerremans, 1909 = *Sphenoptera* (s.str.) *bodemeyeri* Jakovlev, 1900  
Kalshian & Volkovitsh, 2009
- Sphenoptera rambouseki* Obenberger, 1927 = *Sphenoptera* (s.str.) *tragacanthae* Klug, 1829  
Kalshian & Volkovitsh, 2009
- Sphenoptera satrapa* Obenberger, 1927 = *Sphenoptera* (s.str.) *tragacanthae* Klug, 1829  
Kalshian & Volkovitsh, 2009
- Sphenoptera syriacae* Obenberger, 1927 = *Sphenoptera* (s.str.) *tragacanthae* Klug, 1829  
Kalshian & Volkovitsh, 2009
- Sphenoptera torrida* Jakovlev, 1898 = *Sphenoptera* (s.str.) *hypocrita* Mannerheim, 1837  
Kalshian & Volkovitsh, 2009
- Sphenoptera vavrai* Obenberger, 1927 = *Sphenoptera* (s.str.) *tragacanthae* Klug, 1829  
Kalshian & Volkovitsh, 2009
- Steraspis ambigua natalensis* Kerremans, 1895 = *Steraspis* (*Pissteras*) *ambigua* Fåhraeus, 1851 Curletti, 2009a
- Steraspis bechuana* Obenberger, 1928 = *Steraspis* (*Pissteras*) *ambigua* Fåhraeus, 1851 Curletti, 2009a
- Steraspis chrysogaster* Obenberger, 1928 = *Steraspis* (*Pissteras*) *viridicincta* Kerremans, 1914 Curletti, 2009a
- Steraspis deliciosa* Kerremans, 1914 = *Steraspis* (*Pissteras*) *ambigua* Fåhraeus, 1851 Curletti, 2009a
- Steraspis dux* Kerremans, 1914 = *Steraspis* (*Steraspis*) *calida* Harold, 1878 Curletti, 2009a
- Steraspis gracilis* Kerremans, 1900 = *Steraspis* (*Pissteras*) *staudingeri* Kerremans, 1900 Curletti, 2009a
- Steraspis hamadryas* Kerremans, 1914 = *Steraspis* (*Pissteras*) *ambigua* Fåhraeus, 1851 Curletti, 2009a
- Steraspis hypocrita* Thomson, 1879 = *Steraspis* (*Steraspis*) *jackal* Thomson, 1879 Curletti, 2009a
- Steraspis iodoloma* Fairmaire, 1882 = *Steraspis* (*Steraspis*) *hyaena* Thomson, 1879 Curletti, 2009a
- Steraspis juno* Kerremans, 1914 = *Steraspis amplipennis* Fåhraeus, 1851 Curletti, 2009a
- Steraspis klapaleki* Obenberger, 1918 = *Steraspis* (*Pissteras*) *viridicincta* Kerremans, 1914 Curletti, 2009a
- Steraspis lemoulti* Kerremans, 1914 = *Steraspis* (*Steraspis*) *schultzei* Kerremans, 1908 Curletti, 2009a
- Steraspis purpurea* Kerremans, 1908 = *Steraspis* (*Steraspis*) *amplipennis* Fåhraeus, 1851 Curletti, 2009a
- Steraspis regina* Kerremans, 1914 = *Steraspis* (*Pissteras*) *aeruginosa* Klug, 1855 Curletti, 2009a
- Steraspis strandi* Obenberger, 1928 = *Steraspis* (*Pissteras*) *aeruginosa* Klug, 1855 Curletti, 2009a
- Steraspis subsquamosa* Obenberger, 1917 = *Steraspis* (*Steraspis*) *jackal* Thomson, 1879 Curletti, 2009a

### **Status novus (new combination)**

**2009**

- Chalcoptia* (*Chalcomroczkowskia*) Holynski, 1997 = *Metataenia* (*Chalcomroczkowskia*) Holynski,  
1997  
Holynski, 2009
- Chalcoptia* (*Chalcophorotaenia*) Obenberger, 1928 = *Metataenia* (*Chalcophorotaenia*) Obenberger,  
1928  
Holynski, 2009

<i>Iridotaenia (Leptomroczkowskia)</i> Holynski, 1997 = <i>Scaptelytria (Leptomroczkowskia)</i> Holynski, 1997	Holynski, 2009
<i>Iridotaenia (Platymroczkowskia)</i> Holynski, 1997 = <i>Scaptelytria (Platymroczkowskia)</i> Holynski, 1997	Holynski, 2009
<i>Meliboeus aurarius</i> Kerremans, 1892 = <i>Agrilus aurrarius</i> Kerremans, 1892	Jendek, 2009b
<i>Mroczkowskia</i> Holynski, 1997 = <i>Metataenia (Mroczkowskia)</i> Holynski, 1997	Holynski, 2009
<i>Paracupta (Paramroczkowskia)</i> Holynski, 1997 = <i>Metataenia (Paramroczkowskia)</i> Holynski, 1997	Holynski, 2009
<i>Steraspis ambigua aeruginosa</i> Klug, 1855 = <i>Steraspis (Pissteras) aeruginosa</i> Klug, 1855	Curletti, 2009a
<i>Steraspis brevicornis infuscata</i> Théry, 1908 = <i>Steraspis (Pissteras) infuscata</i> Théry, 1908	Curletti, 2009a
<i>Steraspis kerremansi</i> Théry, 1898 = <i>Steraspis aeruginosa kerremansi</i> Théry, 1898	Curletti, 2009a

### **Status novus (reestablished)**

**2009**

<i>Agrilus coxalis auroguttatus</i> Schaeffer, 1905 from synonymy with <i>Agrilus coxalis</i> Waterhouse, 1889	Hespenheide, 2009
<i>Pyranthe</i> Gistel, 1834 from synonymy with <i>Chrysochroa</i> Dejean, 1883 (type species: <i>Buprestis vittata</i> Fabricius, 1775)	Holynski, 2009

### **Status novus (downgraded)**

**2009**

<i>Agelia</i> Laoprite & Gory, 1835	subgenus of <i>Chrysochroa</i> Dejean, 1833	Holynski, 2009
<i>Callistroma</i> Fairmaire, 1877	subgenus of <i>Paracupta</i> Deyrolle, 1864	Holynski, 2009
<i>Catoxantha</i> Dejean, 1833	subgenus of <i>Chrysochroa</i> Dejean, 1833	Holynski, 2009
<i>Chalcoplia</i> Saunders, 1871	subgenus of <i>Metataenia</i> Théry, 1923	Holynski, 2009
<i>Demochroa</i> White, 1859	subgenus of <i>Chrysochroa</i> Dejean, 1833	Holynski, 2009
<i>Megaloxantha</i> Kerremans, 1902	subgenus of <i>Chrysochroa</i> Dejean, 1833	Holynski, 2009
<i>Papuodema</i> Obenberger, 1928	subgenus of <i>Metataenia</i> Théry, 1923	Holynski, 2009
<i>Parachrysodema</i> Thery, 1923	subgenus of <i>Metataenia</i> Théry, 1923	Holynski, 2009
<i>Parachrysodema</i> Thery, 1923	subgenus of <i>Metataenia</i> Théry, 1923	Holynski, 2009