Taxonomic changes and comments on Palaearctic and Oriental Chrysomelidae (Coleoptera)

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Abstract. Based on the study of primary type material, the following taxonomic changes in Palaearctic and Oriental Galerucinidae and Cryptocephalinae (Clytrini) are proposed: Apophilya Thomson, 1858 = Apophylana Medvedev, 2019, syn. n.; Galeruca subgenus Rhabdotilla Jacobson, 1911, stat. n. = Galemira Beenen, 2003, syn. n.; Aulacophora coffeae (Hornstedt, 1788) = Hoplosoma kelantana Medvedev, 2019, syn. n.; Cassena collaris collaris (Baly, 1879) = Cneorane malayana Medvedev, 2019, syn. n.; Coelgetes submetallica Jacoby, 1884 = Dorydella marginata Medvedev, 2015, syn. n.; Dercetina bicolora (Medvedev, 2018), comb. n. (from Dorydella); Dercetina bisipunctata (Medvedev, 2018), comb. n. (from Dorydella); Galeruca (Rhabdotilla) sexcostata Jacoby, 1904 = Rhabdotilla rosti Jacobson, 1911, syn. n.; Menippe beeneni Lee, Bezděk et Suengae, 2012 = Pyrrhalla shaanxiana Medvedev, 2019, syn. n.; Pseudocneorane apicalis (Jacoby, 1884), comb. n. (from Metrioidea) = P. fulvicornis Medvedev et Romanskov, 2012, syn. n.; Pseudocneorane grandis (Allard, 1889), comb. n. (from Metrioidea); Pseudocneorane molek (Mohamedsaid, 1994), comb. n. (from Metrioidea); Radymna rickmersi (Weise, 1900) = Galeruca (Haptoscelis) reitteri Havelka, 1958, syn. n.; Galerucella flavidula Reitter, 1913, syn. n. is removed from the synonymy with G. tenella (Linnaeus, 1760) and newly synonymized with G. pusilla (Duftschmid, 1825). Following new names are proposed due to homonymy: Smaragdina vitalisi nom. n. for S. divisoides Medvedev, 1988, nec Gynandrophthalma divisoides Chùjó, 1952 (now junior synonym of Smaragdina fulveola (Jacoby, 1890)); Smaragdina gerhardi nom. n. for S. schereri Lopatin, 2006, nec S. schereri Medvedev, 1970 (now Aphrolotalma schereri); Apophylia skalei nom. n. for A. thoracica (Medvedev, 2019), nec A. thoracica Gressitt et Kimoto, 1963 (junior synonym of A. flavivorenis (Fairmaire, 1878)); Monoletta hagiangana nom. n. for M. bacoensis Medvedev, 2015, nec M. bacoensis Medvedev, 2012. The spelling of Smaragdina cibripennis Tan, 1988 is fixed in accordance with the principle of the First Reviser.

Key words: taxonomy, new combinations, new names, Galerucinae, Cryptocephalinae, Clytrini.

Таксономические изменения и комментарии по палеарктическим и ориентальным Chrysomelidae (Coleoptera)

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Резюме. На основе изучения типового материала предложены следующие таксономические изменения для палеарктических и ориентальных Galerucinidae и Cryptocephalinae (Clytrini): Apophilya Thomson, 1858 = Apophylana Medvedev, 2019, syn. n.; Galeruca subgenus Rhabdotilla Jacobson, 1911, stat. n. = Galemira Beenen, 2003, syn. n.; Aulacophora coffeae (Hornstedt, 1788) = Hoplosoma kelantana Medvedev, 2019, syn. n.; Cassena collaris collaris (Baly, 1879) = Cneorane malayana Medvedev, 2019, syn. n.; Coelgetes submetallica Jacoby, 1884 = Dorydella marginata Medvedev, 2015, syn. n.; Dercetina bicolora (Medvedev, 2018), comb. n. (из Dorydella); Dercetina bisipunctata (Medvedev, 2018), comb. n. (из Dorydella); Galeruca (Rhabdotilla) sexcostata Jacoby, 1904 = Rhabdotilla rosti Jacobson, 1911, syn. n.; Menippe beeneni Lee, Bezděk et Suengae, 2012 = Pyrrhalla shaanxiana Medvedev, 2019, syn. n.; Pseudocneorane apicalis (Jacoby, 1884), comb. n. (из Metrioidea) = P. fulvicornis Medvedev et Romanskov, 2012, syn. n.; Pseudocneorane grandis (Allard, 1889), comb. n. (из Metrioidea); Pseudocneorane molek (Mohamedsaid, 1994), comb. n. (из Metrioidea); Radymna rickmersi (Weise, 1900) = Galeruca (Haptoscelis) reitteri Havelka, 1958, syn. n.; Galerucella flavidula Reitter, 1913, syn. n. перенес в младшие синонимы G. tenella (Linnaeus, 1760) и затем в младшие синонимы G. pusilla (Duftschmid, 1825). Предложены новые названия для устранения конфликтов: Smaragdina vitalisi nom. n. для S. divisoides Medvedev, 1988, nec Gynandrophthalma divisoides Chùjó, 1952 (сейчас младший синоним Smaragdina fulveola (Jacoby, 1890)); Smaragdina gerhardi nom. n. для S. schereri Lopatin, 2006, nec S. schereri Medvedev, 1970 (сейчас Aphrolotalma schereri); Apophylia skalei nom. n. для A. thoracica (Medvedev, 2019), nec A. thoracica Gressitt et Kimoto, 1963 (младший синоним A. flavivorenis (Fairmaire, 1878)); Monoletta hagiangana nom. n. для M. bacoensis Medvedev, 2015, nec M. bacoensis Medvedev, 2012. Написание Smaragdina cibripennis Tan, 1988 зафиксировано в соответствии с принципом первого вычисления.

Ключевые слова: таксономия, новые комбинации, новые названия, новые синонимы, Galerucinae, Cryptocephalinae, Clytrini.

DOI: 10.23885/18143326202016-319327
ZooBank Article LSID: zoobank.org:pub:A682F670-B3AE-4E5A-8024-DA789A620803
In connection with the preparation of the new edition of the Palaearctic Catalogue of Chrysomelidae we present some new synonyms and nomenclatorial changes in Palaearctic and Oriental Galerucinae and Cryptocephalinae: Clytrini.

**Material and methods**

Photographs of the specimens (except Fig. 8) were taken with Canon EOS 550D digital camera with Canon MP-E 65 mm objective. Images of the same specimen at different focal planes were combined using Helicon Focus 7.1.6 software.

The examined material is housed in the following collections:
- BMNH – Natural History Museum (London, UK, Michael Geiser, Maxwell V.L. Barclay);
- HHCR – Hans Hebauer collection (Rain, Germany);
- HNHM – Hungarian Natural History Museum (Budapest, Hungary, Ottó Merkl);
- JBCB – Jan Bezděk collection (Brno, Czech Republic);
- MCZ – Museum of Comparative Zoology, Harvard University (Cambridge, Massachusetts, USA, Crystal Maier);
- MFNB – Museum für Naturkunde, Leibniz Institute for Evolution and Biodiversity Science (Berlin, Germany, Johannes Frisch, Joachim Willers);
- MNHN – Museum National d’Histoire naturelle (Paris, France, Antoine Mantillleri);
- NMEG – Naturkundemuseum Stockholm (Sweden, Johannes Bergsten);
- NHRS – Naturhistoriska Riksmuseet Stockholm (Sweden, Johannes Bergsten);
- RBCN – Ron Beenen collection (Nieuwegein, The Netherlands);
- RMNH – Nationaal Natuurhistorische Museum ('Natuurlijs') (Leiden, The Netherlands, Fred van Assen);
- ZIN – Zoological Institute of the Russian Academy of Sciences (St Petersburg, Russia, Alexey Moseyko).

The exact label data are cited for all type specimens. Type localities are cited in the original spelling. Other comments and remarks are placed in square brackets: [p] – preceding data are printed, [h] – preceding data are handwritten, [w] – white label, [r] – red label, [b] – blue label, [g] – grey label.

**Subfamily Cryptocephalinae**

**Tribe Clytrini**

*Smaragdina cribripennis* Tan, 1988

*Smaragdina cribripennis* Tan, 1988: 322, 332 (original description).

**Distribution.** China (Xizang) [Tan, 1988].

**Comments.** The description of *Smaragdina cribripennis* contains two different spellings: *cribripennis* on pp. 322 and 323 and *cribepenins* on p. 332. We hereby fix *cribripennis* as the correct original spelling in accordance with the principle of the First Reviser, Article 24.2.3 of the International Code of Zoological Nomenclature [1999].

*Smaragdina vitalisi* nom. n.

*Smaragdina divisoides* Medvedev, 1988: 31 (original description).

**Distribution.** Vietnam [Medvedev, 1988].

**Comments.** *Smaragdina divisoides* Medvedev, 1988 from Vietnam is a homonym with *Gynandroptalthalma divisoides* Chújô, 1952 (now synonym of *Smaragdina fulveola* (Jacoby, 1890)) from Hubei and Taiwan. New name *Smaragdina vitalisi* nom. n. is proposed for *Smaragdina divisoides* Medvedev, 1988.

*Smaragdina gerhardi* nom. n.

*Smaragdina schereri* Lopatin, 2006: 593 (original description).

**Distribution.** China (Sichuan) [Lopatin, 2006].

**Comments.** *Smaragdina schereri* Lopatin, 2006 from Sichuan is a primary homonym with *Smaragdina schereri* Medvedev, 1970 (now *Afrophthalma schereri*) from Tanzania. New name *Smaragdina gerhardi* nom. n. is proposed for *Smaragdina schereri* Lopatin, 2006.

**Subfamily Galerucinae**

**Genus Apophylia** Thomson, 1858

*Apophylia* Thomson, 1858: 221 (original description).

*Malaxioidea* Faivre, 1878: 139 (original description).

*Glyptolus* Jacoby, 1884a: 62 (original description).

*Malaxioides* Fairmaire, 1888: 155 (original description).

*Galerucis* Weise, 1897: 296 (original description).

*Bequaertina* Laboissière, 1922: 263 (original description).

*Apophylana* Medvedev, 2019: 167 (original description), syn. n.

**Comments.** Medvedev [2019] distinguished *Apophylana* from *Apophylia* by glabrous elytra and by pronotum with shining sparsely punctate convexity along anterior margin. The only known specimen, holotype of *Apophylana thoracica* Medvedev, 2019, is a female in very poor condition with missing abdomen and hind legs. The specimen was probably partly rotten and thus the elytral setation is scattered (but traces of setation are still visible). The pronotum with convexity along anterior margin is a character well known in many *Apophylia* species. Because we do not see any characters useful for separation of both genera, we propose *Apophylana* as a new synonym of *Apophylia*.

*Apophylia skalei* nom. n.

(Fig. 1)

*Apophylana thoracica* Medvedev, 2019: 167 (original description).

**Type material.** 1♀, holotype (NMEG), “N-VIETNAM, Ninh Binh Prov., Cuc Phuong NP, N20°17.572′E 105°40.052′, 270m, 22.5.-24.5.2015, leg. A. Skale” [w, p], “HOLOTYPUS [p] Apophylana thoracica [b] L. Medvedev (r, p)].

**Type locality.** “N-Vietnam, Ninh Binh Prov., Cuc Phuong NP, 20°17’572″N, 105°40’052″E”.

**Distribution.** Vietnam [Medvedev, 2019].

**Comments.** *Apophylana thoracica* is transferred here to the genus *Apophylia* and thus becomes a homonym with *Apophylia thoracica* Gressitt et Kimoto, 1963 (synonym of *Apophylia flavioirens* (Fairmaire, 1878)). New name *Apophylia skalei* is proposed for *Apophylana thoracica* Medvedev, 2019.
The species identity of Apophylia skalei is not quite clear. The structure of pronotum with convexity along anterior margin is very similar for example to that of Apophylia branccucii Medvedev, 1998 collected on the same locality (series of 21 specimens in NMEG). However, the length ratio of antennomeres I to XI (14:6:8:12:10 : 9:9:9:12) is different to all Apophylia species known to us. We are unable to assign Apophylia skalei to any other Apophylia species and we leave Apophylia skalei as valid species.

Aulacophora coffeae (Hornstedt, 1788)  
(Fig. 2)

Chrysomela coffeae Hornstedt, 1788: 5 (original description).  
Hoplasoma kelantana Medvedev, 2019: 167 (original description), syn. n.  
Type material. Chrysomela coffeae: not examined.  
Hoplasoma kelantana: 1♂, holotype (NMEG), "MALAYSIA W., KELANTAN 40 km N of Gua Musang Gunung Berangkat Kampung Riek; 1100 m 15.v.-8.vi.2017 P. Cechovsky lgt. "[w, p], "HOLOTYPE Hoplasoma kelantana L. Medvedev" [r, p]; 1♀, paratype (NMEG), "MALAYSIA W., KELANTAN 40 km N of Gua Musang Gunung Berangkat Kampung Riek; 1100 m 15.v.-8.vi.2017 P. Cechovsky lgt." [w, p], "PARATYPUS Hoplasoma kelantana L. Medvedev" [c, p].

Type localities. Chrysomela coffeae: "Bantam (= Java, Banten). Hoplasoma kelantana: "Malaysia W., Kelantan, 40 km N of Gua Musang Gunung Berangkat Kampung Riek"

Distribution. Widely distributed in Oriental region: South-East Asia, Sunda Land, Philippines [Kimoto, 1989, 1990; Mohamedsaid, 2004].

Comments. Both examined specimens (holotype and paratype) of Hoplasoma kelantana undoubtly pertinent to common and widely distributed Aulacophora coffeae. Appropriate new synonymy is established.

Cassena collaris collaris (Baly, 1879)  
(Fig. 3)

Euphyma collars Baly, 1879: 457 (original description).  
Cassena tonkinensis Weise, 1922: 128 (original description).  
Solephyma tinhkami Gressitt et Kimoto, 1963: 663 (original description).  
Cneorane malayana Medvedev, 2019: 167 (original description), syn. n.  
Type material. Euphyma collars: not examined.  
Solephyma tinhkami: not examined.

Cassena tonkinensis: 1♂ ex., syntype (MENB), "Central-Tonkin Chiem-Hoa Aug. Sept. H. Frustoster" [w, p], "Cassena Tonkinensis m." [w, h], "Typus" [c, p].  
Cassena tonkinensis W. [h] L. N. Medvedev det. 19 [w, p]; 1♂ ex., syntype (NHKS), "Central-Tonkin Chiem-Hoa" [w, p], "Cassena tonkinensis m." [w, h] (NHKS).

Cneorane malayana: 1♂, holotype (NMEG), "MALAYSIA W., KELANTAN 40 km N of Gua Musang Gunung Berangkat Kampung Riek; 1100 m 15.v.-8.vi.2017 P. Cechovsky lgt." [w, p], "HOLOTYPE [p] Cneorane malayana [b] L. Medvedev [r, p]."

Type localities. Euphyma collars: "Assam" (by the title).  
Solephyma tinhkami: "Lao-kay, Sino-Vietnam border, Tonkin, N. Vietnam".  
Cassena tonkinensis: "Central Tonkin: Chiem-Hoa".  
Cneorane malayana: "Malaysia W., Kelantan, 40 km N of Gua Musang Gunung Berangkat Kampung Riek"

Distribution. South-East Asia, Peninsular Malaysia, southern China, Nepal, Bhutan [Maulik, 1936; Kimoto, 1989; Mohamedsaid, 2004; Medvedev, 2009; Beenen, 2010].

Comments. The holotype of Cneorane malayana undoubtedly pertain to common and widely distributed Cassena collaris collaris. Appropriate new synonymy is established.

Coeligeres submetallica Jacoby, 1884

Coeligeres submetallica Jacoby, 1884b: 228 (original description).  
Coeligeres wilcoxi Mohamedsaid, 1994a: 88 (original description).  
Dorydella marginata Medvedev, 2015b: 327 (original description), syn. n.

Type material. Coeligeres submetallica: 1♂, syntype (MCZ, examined photo available at http://mcubase.mcz.harvard.edu/SpecimenSearch.cfm), "Dr. B. Hagen. Tandjong. Morawa. Serdang (N. O. Sumatra);" [w, p], "1st Jacoby Coll!" [w, p], "Type [p] 18361 [r, h]; 1♂, syntype (RMNS), "Coeligeres submetallica ♂ Jac." [b, h], "Dr. B. Hagen. Tandjong. Morawa. Serdang (N. O. Sumatra);" [w, p].

Coeligeres wilcoxi: not examined.

Dorydella marginata: not examined.

Type localities. Coeligeres submetallica: "Serdang (East Sumatra)" (by the title).  
Coeligeres wilcoxi: "Malaysia, Selangor, Bukit Belachan".  
Dorydella marginata: "S. Thailand, Phang-nang Prov., Thimung distr., 5 km S. Khao Lac, 08°36'N, 98°15'E".

Distribution. Peninsular Malaysia, Sumatra, Borneo [Bezděk, 2016], Thailand [Medvedev, 2015b].

Comments. Medvedev [2015b] described Dorydella marginata based on one female from South Thailand and the description was provided with the colour photograph of the holotype. One year later Medvedev [2016] published also the description of male from Peninsular Malaysia. Although we did not examine the holotype of Dorydella marginata, the study of photograph published in the description is sufficient to propose Dorydella marginata as a new synonym of Coeligeres submetallica (compare with recent revision of the genus Coeligeres Jacoby, 1884 by Bezděk [2016]).

Dercetina bicolora (Medvedev, 2018), comb. n.  
(Figs 4, 5)

Dorydella bicolora Medvedev, 2018: 322 (original description).

Type material. 1♂, holotype (NMEG), "MALAYSIA W., KELANTAN 90 km N of Gua Musang Gunung Basor, 1700 m. Kampong Kubur Datu 10.iv.-5.v.2016 Petr Cechovsky lgt. "[w, p], "HOLOTYPE Dorydella bicolora [p] a [h] L. Medvedev [r, p]; 1♂, 1♀, paratypes (NMEG), "MALAYSIA W., KELANTAN 90 km N of Gua Musang Gunung Basor, 1700 m. Kampong Kubur Datu 10.iv.-5.v.2016 Petr Cechovsky lgt. "[w, p], "PARATYPUS Dorydella bicolora L. Medvedev" [r, p].

Type locality. "Malaysia, Kelantan, 90 km N of Gua Musang, Gunung Basor, Kampong Kubur Datu".

Distribution. Peninsular Malaysia [Medvedev, 2018].

Comments. Dorydella bicolora is a typical representative of the genus Dercetina Gressitt et Kimoto, 1963 and seems to be closely related or conspecific with D. variabilis (Jacoby, 1886) distributed in Malaysia and Indonesia. The comparison with the type material of D. variabilis and with additional comparative material from whole distributional area is necessary to resolve its taxonomical position.

Dercetina bispinucata (Medvedev, 2018), comb. n.  
(Figs 6, 7)

Dorydella bispinucata Medvedev, 2018: 322 (original description).
Type material. 1♂, holotype (NMEG), “MALAYSIA W., KELANTAN 90 km N of Guu Musang, Gunung Basor, 1700 m, Kampong Kubor Datu 10.iv.-5.v.2016 Petr Chevovskiy lgt.” [w, p], “HOLOTYPE [p] Doryidella bisbipunctata [b] L. Medvedev [r, p].

Type locality. “Malaysia, Kelantan, 90 km N of Guu Musang, Gunung Basor, Kampong Kubor Datu.”

Distribution. Peninsular Malaysia [Medvedev, 2018].

Comments. As in preceding case, Doryidella bisbipunctata is a typical representative of the genus Dercetina and appropriate new combination is established.

**Galeruca subgenus Rhabdotilla Jacobson, 1911, stat. n.**

Galeruca subgenus Galemlina Beenen, 2003: 2 (original description), syn. n.

Comments. Beenen [2003] proposed the subgenus Galemlina for Galeruca sexcostata Jacoby, 1904 (type species), G. baroyskyi Jacoby, 1925, G. himalayensis Jacoby, 1896, and G. subcostata Beenen, 2003. Later Beenen, 2008a, G. holzschuhi Mandl, 1981 was added to this subgenus too. Since Galeruca sexcostata Jacoby, 1904 proved to be a senior synonym of Rhabdotilla rosti Jacobson, 1911 (see below), Galemlina Beenen, 2003 becomes a junior synonym of Rhabdotilla Jacobson, 1911.

**Galeruca (Rhabdotilla) sexcostata Jacoby, 1904**

(Fig. 8)

Galeruca sexcostata Jacoby, 1904: 405 (original description). Rhabdotilla rosti Jacobson, 1911: pl. 59, syn. n.

Type material. Galeruca sexcostata: 1♂, lectotype (BMNH), “Type H. 1” [circular label, borders red], “Ladder 1100” [w, p], “Jacoby Coll. 1909–28a” [w, p], “Galeruca 6 costata Jac.” [b, h], “SYNTYPE” [circular label, borders blue], “Galeruca sexcostata Jacoby LECTOTYPE design. R. BEENEN 2002”; 1♂, paralectotype (BMNH), “Ladder 1100” [w, p], “Type” [r, p].

Additional material. 1♂, syntype (ZHIN, photograph of this syntype was studied), “Kashmir” [w, h], “M. Kost. R. Kost. 1906” [w, b], “G. Jakobson.” [w, p], “Zoological Institute RAS (St.Petersburg) Zoologiskii institut RAN (г. Санкт-Петербург)” [w, p].

Type localities. Galeruca sexcostata: “Lider, Cashmere”. Rhabdotilla rosti: not stated in the original publication, “Kashmir” based on the locality label.

Comments. Jacobson [1911] presented a picture of a species he named Rhabdotilla rosti; but did not publish a description. According to the Article 12 of the International Code of Zoological Nomenclature [1999] this name is available. The depository of type specimen(s) was unknown, and also the type locality and species identity have stayed a mystery [Mandl, 1986, Beenen, 2008a]. Recently, Alexey Mosyeko, the curator in ZIN, discovered three specimens that are to be regarded as syntypes. Two of them are from Semenov’s collection and one is from Jacobson’s collection (Fig. 8). It is evident that this is Galeruca sexcostata. From the labels it becomes clear that the syntypes of Rhabdotilla rosti have been collected in Kashmir, which is part of the realm of Galeruca sexcostata.

Galeruca (Neogaleruca) pusilla (Duftscheid, 1825)

(Figs 9, 10)

Galeruca pusilla Duftscheid, 1825: 230 (original description).

Galeruca flavidula Reitter, 1913: 140 (original description), syn. n.

Type material. Galeruca pusilla: not examined. Galeruca flavidula: 1♂, syntype (HNHM), “Kirgizistan, Aulie Ata” [w, h], “Holotyof [red letters, p] 1912 Galeruca (s. str.) flavidula Reitter” [w, h, label with red borders], “flavidula m Aulie” [partly illegible, w, h], “Coll. Reitter” [w, p]; 2♂, 6♀, syntypes (HNHM), “Kirgizistan, Aulie Ata” [w, h], “Paratypus [red letters, p] 1912 Galeruca (s. str.) flavidula Reitter” [w, h, label with red borders], “Coll. Reitter” [w, p].

Type localities. Galeruca pusilla: “Wien”. Galeruca flavidula: “Transkaspie: Aulie Ata”.

Distribution. Widely distributed throughout Palaearctic region [Beenen, 2010].

Comments. Galeruca flavidula was treated as aberration of G. tenella (Linnaeus, 1760) by Ogloblin [1936]. All subsequent authors [e.g. Wilcox, 1971; Warchalowski, 2003, 2010; Beenen, 2010] listed G. flavidula as synonym of G. tenella. The examination of the type series deposited in HNHM and aegeadus (Figs 9, 10) showed that G. flavidula has to be removed from the synonymy with G. tenella and newly synonymized with G. pusilla.

Menippus beeneni Lee, Bezděk et Suenaga, 2012

(Fig. 11)

Menippus beeneni Lee, Bezděk et Suenaga, 2012: 5 (original description). Pyrrhalta shaanxiensis Medvedev, 2019: 166 (original description), syn. n.

Type material. Menippus beeneni: 1♂, paratype (CJC), “CHINA, Shaanxi, 1500 m, Gung Ling Shan Mts., Hua Zen Zi vil., 26.01.1998, 30 km SE of Tabal Shan Mt., O. Safarétk & M. Trýzna leg.” [w, p], “Menippus beeneni Lee et al., n. sp. des. C.-F. Lee, 2011” [w, p], “PARATYPE” [pink label, p].

Pyrrhalta shaanxiensis: 1♂, holotype (NMEG), “CHINA, 17.-22.VI. Shaanxi prov. 1991 Hua Shan peak env. 100 km E of Xian Z. Kejval lgt.” [w, p], “Pyrrhalta sp.? det. A. Warchalowski [w, p], “HOLOTYPE [p] Pyrrhalta shaanxiensis [b] L. Medvedev [r, p].

Additional material. 1♂, 1♀, (CJC), “CHINA, Sichuan prov., Qingcheng Mt., 30°53.779°N / 103°46.092°E, 19.05–15.06.2007 (R. Ambras); 1♀, (HHCR), “CHINA, Henan prov., Fengxiang Shan, Baotianmant, 33°31’N / 111°56’E, 1500–1750 m, 5.06.2009 (J. Turna).

Type localities. Menippus beeneni: “China, Shaanxi, Tsinling mts., Foping Nature reserve, 33°51’N, 107°57’E”. Pyrrhalta shaanxiensis: “China, Shaanxi prov., Hua Shan peak env., 100 km E of Xian”.

Distribution. China: Shaanxi, Shanxi [Lee et al., 2012, Medvedev, 2019], Henan and Sichuan (our data).

Comments. The holotype of Pyrrhalta shaanxiensis was compared with the paratype of Menippus beeneni. Because the aedeagi of both taxa are identical Pyrrhalta shaanxiensis is proposed as new synonym of Menippus beeneni.

**Monolepta hagiangana nom. n.**

Monolepta bacboensis Medvedev, 2015a: 69 (original description).

Distribution. Vietnam [Medvedev, 2015a].

Comments. Monolepta bacboensis Medvedev, 2015 from Vietnam is a primary homonym of M. bacboensis Medvedev, 2012 from Vietnam and China (Yunnan). New name M. hagiangana nom. n. is proposed for M. bacboensis Medvedev, 2015.
Figs 1–7. Habitus of type specimens and aedeagus.

1 – *Apophylia skalei* nom. n. (Apophylana thoracica Medvedev, 2019, female, holotype); 2 – *Aulacophora coffeae* (Hornstedt, 1788) (Hoplasoma kelantana Medvedev, 2019, male, holotype); 3 – *Cassena collaris collaris* (Baly, 1879) (*Cneorane malayana* Medvedev, 2019, male, holotype); 4–5 – *Dercetina bicolora* (Medvedev, 2018), male, holotype; 6–7 – *Dercetina bisbipunctata* (Medvedev, 2018), male, holotype. 1–4, 6 – habitus, dorsal view; 5, 7 – aedeagus, ventral view.

Рис. 1–7. Типовые экземпляры, габитус и эдеагус.

1 – *Apophylia skalei* nom. n. (Apophylana thoracica Medvedev, 2019, самка, голотип); 2 – *Aulacophora coffeae* (Hornstedt, 1788) (Hoplasoma kelantana Medvedev, 2019, самец, голотип); 3 – *Cassena collaris collaris* (Baly, 1879) (*Cneorane malayana* Medvedev, 2019, самец, голотип); 4–5 – *Dercetina bicolora* (Medvedev, 2018), самец, голотип; 6–7 – *Dercetina bisbipunctata* (Medvedev, 2018), самец, голотип. 1–4, 6 – габитус, вид сверху; 5, 7 – эдеагус, вид снизу.

**Genus Pseudocneorane**

Medvedev et Romantsov, 2012

Pseudocneorane Medvedev et Romantsov, 2012: 77 (original description).

**Comparative type material examined.** *Metrioidea signatipennis* 1♂, syntype (MNHN), “I. Viti” [w, h], “Metrioidea signatipenis Fairm” [w, h], “TYPE” [r, p], “Ex-Musaeo L. Fairmaire 1893” [vertically, p, w].

**Comments.** Medvedev and Romantsov [2012] described new genus and species *Pseudocneorane fulvicornis* from South Thailand. The description is accompanied with very good photos of habitus and aedeagus.

The genus *Metrioidea* was proposed by Fairmaire [1882] for *Metrioidea signatipennis* Fairmaire, 1882 from Fiji. Recently, the New Caledonian species of *Metrioidea*
Figs 8–12. Habitus of type specimens and aedeagus.

8 – Galeruca sexcostata Jacoby, 1904 (Rhabdotilla rosti Jacobson, 1911, sex unknown, syntype, photograph by Alexey Moseyko); 9–10 – Galerucella pusilla (Dufschmid, 1825) (Galerucella flavidula Reitter, 1913, male, syntype); 11 – Menippus beeneni Lee, Bezděk et Suenaga, 2012 (Pyrrhalta shaanxiana Medvedev, 2019, male, holotype); 12 – Radymna rickmersi (Weise, 1900) (Galeruca reitteri Havelka, 1958, male, holotype). 8–9, 11–12 – habitus, dorsal view; 10 – aedeagus, dorsal view.
were revised by Beenen [2008b, 2013, 2017] who also depicted the aedeagus of *Metrioidea signatipennis*. The occurrence of true *Metrioidea* species is verified in Fiji and New Caledonia but probably they can be found in many parts of Australasia [Beenen, 2008b, 2013].

Jacoby [1884b] placed *Metrioidea apicalis* Jacoby, 1884 from Sumatra into *Metrioidea* with doubts. However, subsequent authors [e.g. Wilcox, 1973] accepted Jacoby’s arrangement what revealed that three species from South Thailand, Peninsular Malaysia, Sumatra and Borneo are currently classified in *Metrioidea*.

The genus *Metrioidea* belongs to the Monoleptidae group characterised by very long metatarsomere I and is close to species-rich genera *Monolepta* Chevrolat, 1836 and *Candeza* Chapuis, 1879. On the other hand, three species from Thailand, Malaysia and Indonesia have normal metatarsomere I and are close to *Tylus* Jacoby, 1904. The only available genus name for those species is *Pseudocneorane* and thus appropriate new combinations are proposed (see below).

**Genus Pseudocneorane apicalis** (Jacoby, 1884), **comb. n.**

*Metrioidea apicalis* Jacoby, 1884b: 226 (original description).

*Nadrana bella* Baly, 1886: 31 (original description).

*Pseudocneorane fulvincornis* Medvedev et Romantsov, 2012: 77 (original description), **syn. n.**

*Type material.* *Metrioidea apicalis* 1♂, syntype (RMNS), "Metrioidea ? apicalis Jac." [b, h], "Dr. B. Hagen. Tandjong. Morawa. Serdang (N. O. Sumatra)" [w, p]; 1♀, syntype (MCZ, examined photo available at http://mczbase.mcz.harvard.edu/SpecimenSearch.cfm), "Dr. B. Hagen. Tandjong. Morawa. Serdang (N. O. Sumatra)" [w, p]; 1♂, 1♀, "1st Jacoby Coll." [w, p], "Type [p], 18341 [r, h]", "Metrioidea ? apicalis, jac. n. sp." [w, h].

*Nadrana bella*: 1 ex., syntype (BMNH), "Sum" [w, h], "Type" [w, p], round label with red collar, "Nadrana bella" [w, h], "Nadrana bella Baby Sumatra" [g, h], "Baby Coll." [w, p].

*Pseudocneorane fulvincornis* not examined.

**Type localities.** *Metrioidea apicalis:* "Serdang (East Sumatra)" (by the title). *Nadrana bella:* "Malacca, Tringarnee, Sumatra". *Pseudocneorane fulvincornis:* "Thailand, Phuket Island, near Karon, 7°50'20"N 19°18'20"E".

**Distribution.** Peninsular Malaysia, Indonesia (Sumatra) [Mohamedsaid, 2004], Thailand [Medvedev, Romantsov, 2012].

**Comments.** Although we did not examine holotype or paratypes of *Pseudocneorane fulvincornis*, the photograph and the description in the original publication are sufficient to propose *Pseudocneorane fulvincornis* Medvedev et Romantsov, 2012 as a junior synonym of *Metrioidea apicalis* Jacoby, 1884.

*Pseudocneorane grandis* (Allard, 1889), **comb. n.**

*Atya grandis* Allard, 1889: lxxix (original description).

*Platyxantha robusta* Jacoby, 1895: 110 (original description).

*Metrioidea borneensis* Mohamedsaid, 1997: 154 (original description).

*Type material. Atya grandis:* 2 ex., syntypes (MHNH), "Bornéo" [w, h], "Ex-Musaeo E-ALLARD 1899" [w, h].

*Metrioidea borneensis* not examined.

*Platyxantha robusta:* 1♂, syntype (BMNH), "Type H. T." [white round label with red collar, p], "N. Guinea" [w, h], "Jacoby Coll. 1909-28a" [w, p]; "Platyxantha robusta Jac." [b, h]; 1 ex., syntype (BMNH), "N. Guinea" [w, h], "Jacoby Coll. 1909-28a" [w, p]; 1♂, possible syntype (MCZ), "Bornéo" [w, h], "2nd Jacoby Coll." [w, p], "Robusta Jac." [w, h].

*Type. [p] 18353 [r, h].*

**Type localities.** *Atysa grandis:* "Bornéo". *Metrioidea borneensis:* "Malaysia, Sarawak, Taman Negara Lambir". *Platyxantha robusta:* "New Guinea".

**Distribution.** Malaysia (Sarawak, Sabah) [Mohamedsaid, 1997, 2004].

**Comments.** As shown by Bezděk [2019], the type specimens of *Platyxantha robusta* were mislabelled and undoubtedly originated from Borneo.

*Pseudocneorane molek* (Mohamedsaid, 1994), **comb. nov.**

*Metrioidea molek* Mohamedsaid, 1994b: 26 (original description).

*Type material. Not examined.*

*Type locality.* "Kalantan, Jeram Pasu, Malaysia".

**Distribution.** Peninsular Malaysia [Mohamedsaid, 2004].

*Radymna rickmersi* (Weise, 1900) (Fig. 12)

*Diorhabda rickmersi* Weise, 1900: 289 (original description).

*Lochmaea ornaticollis* Reitter, 1900: 231 (original description).

*Galeruca (Haptoscelis) reitteri* Havelka, 1958: 202 (original description), **syn. n.**

*Pallasiola pamirica* Mandl, 1968: 29 (original description).

*Type material. Diorhabda rickmersi:* 1 ex., syntype (MFNB), "Buchara Richards" [w, h], "Diorhabda Richards m" [w, h], "ex. Coll. J. Weise" [w, p].

*Lochmaea ornaticollis:* 1♂, syntype (HNHM), "Buchara, Karatagh." [w, h], "Holotypus [red letters, p] 1900 Lochmaea ornaticollis Reitter" [w, h, label with red borders], "ornaticollis m. Buchara" [orange, h].

*Diorhabda Richards Wse. [h] Coll. Reitter [w, p]; 1♀, syntype (HNHM), "Buchara, Karatagh" [w, h], "Paratypus [red letters, p] 1900 Lochmaea ornaticollis Reitter" [w, h, label with red borders], "Diorhabda Richards Wse. [h] Coll. Reitter [w, p]."

*Pallasiola pamirica* not examined.

*Galeruca reitteri:* 1♂, holotype (HNHM), "Safichadam [h] Süd-Turkestan: Safichadam" [w, h, label with red borders].

*Holotypus [red letters, p] 1958 Galeruca Haptoscelis reitteri Havelka" [w, h, label with red borders], "HOLO [h] TYPE [c, p]; "Galeruca reitteri sp. n. [h] Det. Havelka [p] 1957 [w, p]."

**Type localities.** *Diorhabda rickmersi:* "Buchara", *Lochmaea ornaticollis:* "Buchara: Karatag". *Pallasiola pamirica:* "West-Pamir, Quegggebiet des Mühlenbaches Dszhailgan". *Galeruca reitteri:* "Süd-Turkestan: Safichadam".

**Distribution.** Tajikistan, Turkmnenistan, Uzbekistan [Beenen, 2010, 2014].

**Comments.** Havelka [1958] attributed his newly described species to *Galeruca subgenus Haptoscelis* Weise, 1886. This was followed in all subsequent publications [e.g. Wilcox, 1971; Beenen, 2010]. The holotype was examined and proved to belong to the genus *Radymna* Reitter, 1913. *Radymna rickmersi* is the only *Radymna*-species with hind corners of the pronotum being square. Besides the colouration of the upper parts and the elytral ridge from humerus to halfway the elytra are typical for *Radymna rickmersi*.

**Acknowledgements**

We would like to thank all curators and colleagues listed above for giving us the opportunity to study their collections or providing us with photographs.
The study of specimens in HNHM by Jan Bezděk was supported by the Synthesys Project HU-TAF-1388 (http://www.synthesys.info/) financed by the European Community—Research Infrastructure Action under the Seventh Framework Programme.

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