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Taxonomical acts in the Anomalini initiated during the preparation of the "Catalogue of Palaearctic Coleoptera" (Coleoptera: Scarabaeidae: Rutelinae)

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Abstract. In the present paper all the taxomical acts in the subfamily Rutelinae, tribe Anomalini, that proved necessary during the preparation of the "Catalogue of Palaearctic Coleoptera" are listed. For the purpose of nomenclatural stability lectotypes are designated for *Anomala chamaeleon* Fairmaire, 1887, *Anomala flavofasciata* Arrow, 1912, *Mimela princeps* Hope, 1841 and *Phyllopertha horticola* var. *zea* Reitter, 1903. *Anomala micans* Fairmaire, 1897 (preoccupied by *Anomala micans* Burmeister, 1844) is replaced by *Anomala leonfairmairei* nom. nov., *Mimela decipiens* (Arrow, 1917) (preoccupied by *Mimela decipiens* Hope, 1841) is replaced by *Mimela arrowi* nom. nov.. The taxonomic status or level of several taxa is changed and 50 new synonyms are proposed.

Taxonomy, Scarabaeidae, Rutelinae, Anomalini, Palaearctic region

INTRODUCTION

Although the preparation of a species catalogue does not necessarily require taxonomic revisions, the examination of type material was unavoidable. Since the "Catalogue of Palaearctic Coleoptera" contains distributional data for each taxon which reflect the knowledge of the contributors, the author had to be certain about the identity of the species. Correspondingly, the designation of lectotypes prior to the publication of the catalogue was necessary in some cases in order to preserve the stability of nomenclature by selecting one specimen as the sole, namebearing type of the taxon. However, several taxonomic problems within the Palaearctic Anomalini remain to be resolved.

The taxa are listed in alphabetical order as they will appear in the catalogue. Brief explanations for taxonomic changes are given under each species.

ABBREVIATIONS AND QUOTATION OF LABEL DATAS

BMNH – Natural History Museum, London;
CCZ – Collection Carsten Zorn, Dresden;
DEI – Deutsches Entomologisches Institut, Müncheberg;
IRSN – Institut Royal des sciences naturelles de Belgique, Bruxelles;
HNHM – Hungarian Natural History Museum, Budapest;
MLUH – Martin-Luther-Universität Halle-Wittenberg, Wissenschaftsbereich Zoologie, Halle a.S.;
MNHB – Museum für Naturkunde der Humboldt-Universität, Berlin;
MNHN – Muséum national d'Histoire naturelle, Paris ;
NME – Naturkundemuseum Erfurt;
NHMB – Naturhistorisches Museum, Basel;
RMNH – National Museum of Natural History, Leiden;
SMTD – Staatliches Museum für Tierkunde, Dresden;
UMO – University Museum Oxford, Hope Entomological Collections;

ZMAN – Zoölogisch Museum Amsterdam.
Label data are given in quotation marks. Single labels are divided by " | ". Comments by the present author appear in square brackets.

Anomala Leach, 1819

Bifurcanomala Kim, 1998: 311 (type species *Melolontha aulax* Wiedemann, 1823), **syn. nov.**
Chejuanomala Kim, 1998: 312 (type species *Anomala quelparta* Okamoto, 1924), **syn. nov.**

Note. The numerous other established synonyms of *Anomala* Leach, 1819 are omitted here.
Comments. Both genera were established in the course of a review of the Korean *Anomala* species (Kim 1998). The type species of the two new genera do indeed differ from the other Korean *Anomala* species; however, considering the other Asian *Anomala* species outside Korea the distinctions between these taxa and *Anomala* are less clear. For the time being and for the purpose of the catalogue both *Bifurcanomala* Kim, 1998 and *Chejuanomala* Kim, 1998 are placed in the synonym list of *Anomala*. Nevertheless, they remain available names for a future phylogenetically based classification of the Anomalini.

Adoretosoma singhikense (Kacker, 1972) comb. nov.

Anomala singhikensis Kacker, 1972: 96 [description]

Comments. Following Arrow (1917), who considered *Adoretosoma* Blanchard, 1851 to be synonymous with *Anomala* Leach, 1819, Kacker (1972) described this species as *Anomala*. But since *Adoretosoma* was re-established by Machatschke (1955) it is now placed in this genus. According to its description it seems to be close to *Adoretosoma signaticolle* (Nonfried, 1893).

Anomala bivirgulata Fairmaire, 1893

Anomala bivirgulata Fairmaire, 1893: 310 [description].
Anomala discimaculata Paulian, 1959: 75 [description], **syn. nov.**

Type material. *Anomala bivirgulata* Fairmaire: Syntype: 1♂ "MUSEUM PARIS Tonkin sept. Halang (Lamey) Collection Léon Fairmaire 1906 | TYPE | Anomala bivirgulata Fairm. 1893 H. Tonkin [Fairmaire's handwritten label]" (MNHN). *Anomala discimaculata* Paulian: Syntype: 1♀ "MUSEUM PARIS TONKIN HANOI (VITALIS DE SALVAZA) M^me^ A. VUILLET 1920 | 104 | Ohaus determ. Anomala sp ♀ | TYPE | Anomala discomaculata [sic!] n sp. R. Paulian det." (MNHN).

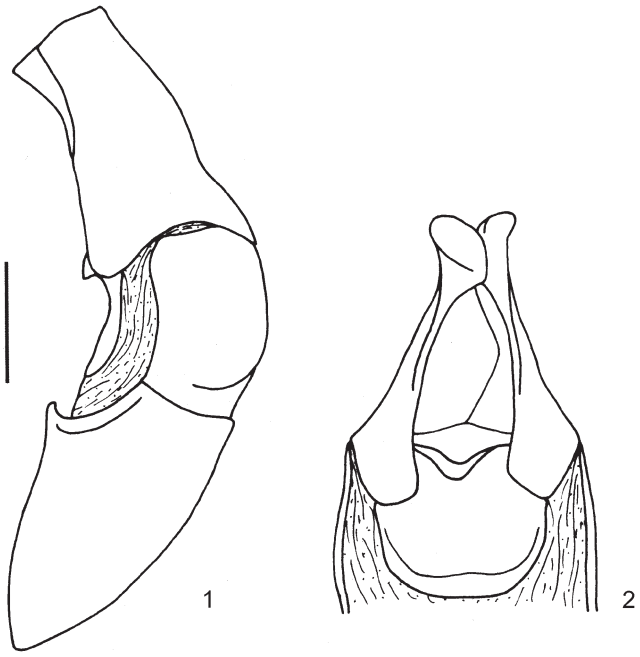
Comments. The examination of the type material showed that the taxa *A. bivirgulata* Fairmaire, 1893 and *A. discimaculata* Paulian, 1959 are conspecific

Anomala cantori (Hope, 1839)

Euchlora cantori Hope, 1839: 73 [description]; Burmeister 1844: 536 [*Anomala*].
Anomala severa Burmeister, 1855: 504 [description]; Arrow 1917: 220 [junior synonym of *A. cantori* Hope]; Machatschke 1957: 50 [subspecies of *A. cantori* Hope], **syn. nov.**

Type material. *Euchlora cantori* Hope: Syntype: 1♀ "Can [damaged label] | Cantori Hope Assam [Hope's handwritten label] | Anomala cantori, Hope. teste,c. 1910. G.J Arrow. in Brit. Mus. | TYPE COL: 587 2/2 Euchlora cantori Hope HOPE DEPT.OXFORD" (UMO). *Anomala severa* Burmeister: Syntypes: 1♂, 1♀ "severa Dpt Thibet. Dpt" [Burmeister's handwritten collection label next to the two specimens] (MLUH).

Note. A second specimen in the Hope collection labelled as 'type' was not considered a syntype. It bears a label 'Assam Lenkins' instead of the characteristic handwritten label of Hope.



Figs 1, 2. Aedeagus of *Anomala chamaeleon* Fairmaire (Paralectotype, Pekin). 1 – lateral aspect; 2 – ventral aspect. Scale = 1 mm.

Comments. Arrow (1917) synonymized *Anomala cantori* (Hope, 1839) and *A. severa* Burmeister, 1855, whereas Machatschke (1957) considered *A. severa* to be a subspecies of *A. cantori*. However, examination of the type material proved that these two nominal species do not differ from each other.

Anomala chamaeleon Fairmaire, 1887

Anomala chamaeleon Fairmaire, 1887a: 317 [description]; Medvedev 1949: 177 [*Anomala* subgenus *Emphalaena*]. *Anomala dubia* Ballion, 1871: 344 [description] (secondary homonym of *A. dubia* (Scopoli, 1763)); Ohaus 1915: 317 [junior synonym].

Type material. Lectotype **(hereby designated)**: 1♂ "Pékin | Ex Musaeo ARM.DAVID | Museum Paris ex Coll. R.Oberthur | LECTOTYPE Anomala chamaeleon FRM, 1887 des. Zorn, 2002" (MNHN). Paralectotypes: 11♂♂, 8♀♀ "Pékin | Ex Musaeo ARM.DAVID | Museum Paris ex Coll. R.Oberthur | PARALECTOTYPE Anomala chamaeleon FRM, 1887 des. Zorn, 2002" (MNHN). 2♀♀ "Pékin | chamaeleon Fm [Fairmaire's handwritten label] | Ex Musaeo ARM.DAVID 1900 | Museum Paris ex Coll. R.Oberthur | PARALECTOTYPE Anomala chamaeleon FRM, 1887 des. Zorn, 2002" (MNHN). 1♀ "Pékin | chamaeleon Fm ♂ [Fairmaire's handwritten label] | Ex Musaeo ARM.DAVID 1900 | Museum Paris ex Coll. R.Oberthur | PARALECTOTYPE Anomala chamaeleon FRM, 1887 des. Zorn, 2002" (MNHN). 1♂ "Pekin | MUSEUM PARIS Collection Léon Fairmaire 1906 | PARALECTOTYPE Anomala chamaeleon FRM, 1887 des. Zorn, 2002" (MNHN). 1♀ "MUSEUM PARIS Collection Léon Fairmaire 1906 | Anomala chamaeleon Fm [Fairmaire's handwritten label] | PARALECTOTYPE Anomala chamaeleon FRM, 1887 des. Zorn, 2002" (MNHN 1♂ "Pékin | Ex Musaeo ARM.DAVID 1900 | Museum Paris ex Coll. R.Oberthur | PARALECTOTYPE Anomala chamaeleon FRM, 1887 des. Zorn, 2002" (MNHN). 1♂ "MUSEUM PARIS Collection Léon Fairmaire 1906 | Anomala chamaeleon Fairm. Pekin [Fairmaire's handwritten label] |

PARALECTOTYPE Anomala chamaeleon FRM, 1887 des. Zorn, 2002" (MNHN). 1♂ "MUSEUM PARIS Collection Léon Fairmaire 1906 | PARALECTOTYPE Anomala chamaeleon FRM, 1887 des. Zorn, 2002" (MNHN).

Comments. Because some of the specimens in the type series belong to another species, which is probably *Anomala exoleta* Faldermann, 1835 (type material not examined), a lectotype was designated. The aedeagus of a paralectotype conspecific with the lectotype is shown in Figs 1, 2.

Anomala chromicolor Burmeister, 1855

Anomala (*Euchlora*) *chromicolor* Burmeister, 1855: 505 [description].

Type material. Syntype: ♂ "chromicolor * Norw. Brasilia" [Burmeister's handwritten collection label next to the specimen] (MLUH).
Additional material. 1♂ "CHINA Fukien Prov. Foochow 1922 S. F. Light | Pres. by Imp. Bur. Ent. Brit.Mus. 1923–383." (BMNH).

Comments. *Anomala chromicolor* Burmeister, 1855 is not a Brasilian but an Asian species from southeast China. Burmeister (1855) questioned the locality "Brasilia" given in the original description.

Anomala cinderella Arrow, 1917

Anomala cinderella Arrow, 1917: 196 [description].
Anomala hirticollis Frey, 1975: 314 [description], **syn. nov.**

Type material. *Anomala cinderella* Arrow: Syntypes: 1♂ "Type H.T. | Nagri Spur, Darjeeling. 5,000 ft. 1912–83 | Anomala cinderella, Arrow Type [Arrow's handwritten label]" (BMNH). 1♂ "Gopaldhara, Darjeeling. 1914–414." (BMNH). *Anomala hirticollis* Frey: Paratypes: 1♂, 1♀ "Nepal, Kathmandu Valley Godavari, 16–1800m 4. Viii.~~7. IV~~1967 Dierl – ~~Forster~~ – Schacht | Paratype Anomala hirticollis G.Frey 1975" (NHMB).

Comments. The examination of the type material showed that the taxa *A. cinderella* Arrow, 1917 and *A. hirticollis* Frey, 1975 are conspecific.

Anomala delavayi Fairmaire, 1886

Anomala delavayi Fairmaire, 1886: 327 [description].
Anomala semiaurea Arrow, 1917: 205 [description], **syn. nov.**
Anomala aulacina Frey, 1972: 248 [description], **syn. nov.**

Type material. *Anomala delavayi* Fairmaire: Syntypes: 1♂ "Anomala delavayi Frm Yunan | TYPE | Yunan | MUSEUM PARIS Collection Léon Fairmaire 1906" (MNHN). 1♀ "Yunan (David) | MUSEUM PARIS Coll. L. BEDEL 1922" (MNHN). 1♂ "Chine A.DAVID | MUSEUM PARIS YUN-NAN A. DAVID 1884 | Ohaus determ. Anomala delavayi Frm." (MNHN). 1♂ "Yunan | MUSEUM PARIS Collection Léon Fairmaire 1906" (MNHN). 1♂ "Chine A. DAVID | MUSEUM PARIS YUN-NAN A. DAVID 1884 | 78-6" (MNHN). *Anomala aulacina* Frey: Holotype: 1♂ "China Yunnan Lou Nan 1931 | Type Anomala s. str. aulacina G.Frey 1971" (NHMB). *Anomala semiaurea* Arrow: Syntypes: 1♂ "Type H.T. | Haka Chin Hills U. Burma. F.E. Venning. 1st August 1910. | Bombay N. H. Soc. 1913-455. | Anomala semiaurea, Arrow Type" (BMNH). 1♀ "Haka Chin Hills U. Burma. F.E. Venning. 1st August 1910. | Bombay N. H. Soc. 1913-455 | Anomala semiaurea, Arrow ♀ Co-type [Arrow's handwritten label]" (BMNH).

Comments. The examination of the type material showed that the taxa *A. delavayi* Fairmaire, 1886, *A. semiaurea* Arrow, 1917 and *A. aulacina* Frey, 1972 are conspecific.

Anomala dorsalis (Fabricius, 1775)

Melolontha dorsalis Fabricius, 1775: 35 [description]; Gmelin 1788: 1569 [*Scarabaeus*]; Herbst 1790: 64 [*Melolontha*]; Burmeister 1844: 232 [*Anomala* subgenus *Rhinoplia*]; Arrow 1917: 136 [*Anomala*]; Ohaus 1918: 63 [*Anomala* subgenus *Aprosterna*]; Machatschke 1957: 52 [*Anomala*].

Anomala (*Rhinoplia*) *fraterna* Burmeister, 1844: 232 [description]; Arrow 1917: 136 [*A. dorsalis* var. *fraterna*]; Chandra 1991: 292 [*A. fraterna* is different from *A. dorsalis*], **syn. nov.**
Anomala centralis Nonfried, 1893: 335 [description] (primary homonym of *A. centralis* LeConte, 1863); Arrow 1917: 136 [*A. dorsalis* var. *centralis*], **syn. nov.**
Anomala imitatrix Nonfried,1894: 12 [description]; Arrow 1917: 136 [perhaps a synonym of *A. dorsalis*], **syn. nov.**

Type material. *Anomala fraterna* Burmeister: Syntypes: 3♂♂ "fraterna * pallida var. Oliv Ind. or." [Burmeister's handwritten collection label next to the two specimens], one specimen labelled with "40" (MLUH). *Anomala imitatrix* Nonfried: Syntypes: 1♀ "Coll.Nonfried India orient. | Anomala imitatrix Cotype Nfr [Nonfried's handwritten label]" (MNHB). 1♀ "Coll.Nonfried India orient. | Aprosterna imitatrix Cotype ♀ Nonfr. [written by Ohaus]" (MNHB). *Anomala centralis* Nonfried: Syntype [?]: 1♀ "Indes or. | ♀ | Anomala centralis Nonfr. Type Ind. centr." (MNHB).

Notes. In the collection of Ohaus (MNHB) is another specimen labelled as 'Cotype': 1♀ "Nepal | Aprosterna imitatrix Cotype ♀ Nonfr. [written by Ohaus] | Anomala imitatrix C. India Type. A. F. Nonfried" (MNHB). It is not considered a syntype because it differs in length, coloration and origin (Nepal) from the original description. It is uncertain whether this specimen is a syntype or not. It does not appear to be Nonfried's handwriting on the third label and the species was originally described from 'Manipur'.
Comments. The examination of the type material of *A. fraterna* (Burmeister, 1844) and *A. imitatrix* Nonfried, 1894 indicated that these taxa do not differ from *A. dorsalis* (Fabricius, 1775). Whether the examined specimen of *A. centralis* from the collection of Ohaus (see also Arrow, 1917: 137) is a syntype is uncertain. However, there is little doubt that this taxon is another synonym of the widespread *A. dorsalis*.

Anomala ebenina Fairmaire, 1886

Anomala ebenina Fairmaire, 1886: 328 [description].
Anomala ebenina var. *ochracea* Benderitter, 1923: 8 [description], **syn. nov.**

Type material. *A. ebenina* Fairmaire: Syntype: 1♂ "Chin. bor | MUSEUM PARIS Collection Léon Fairmaire 1906 | Anomala ebenina Fairm. Chin. bor. [Fairmaire's handwritten label] | SYNTYPE Anomala ebenina FAIRMAIRE, 1886 det. Zorn 2002" (MNHN). *A. ebenina* var. *ochracea* Benderitter: Holotype: ♀ "Chang Yang near Ichang, 4–6000 ft., . VII. | Anomala rufozonula Fairm | Anomala rufozonula v. ochracea Type [Benderitter's handwritten label] E. Benderitter, det. | R.I.Sc.N.B.16.117 L. Burgeon, coll. et det.: | TYPE" (IRSN).
Additional material. 1♂ "Chine A.DAVID | Anomala ebenina Fairm [Fairmaire's handwritten label] | Museum Paris ex Coll. R.Oberthur | Anomala ebenina Fairmaire det. Zorn, 2002" (MNHN). 1♂ "Chine | MUSEUM PARIS 1930 COLL SIGARD | Anomala rufozonula | Anomala ebenina Fairmaire det. Zorn, 2002" (MNHN). 1♂ "MUSEUM PARIS Collection Léon Fairmaire 1906 | Anomala ebenina Fairmaire det. Zorn, 2002" (MNHN). 1♂ "Chang Yang | MUSEUM PARIS 1930 COLL SIGARD | Anomala rufozonula | Anomala ebenina Fairmaire det. Zorn, 2002" (MNHN).

Comments. *Anomala ebenina* var. *ochracea* Benderitter, 1923 is only one of many color variations of *A. ebenina*. The examination of the type material showed that both taxa are identical.

Anomala edentula edentula Ohaus, 1925

Anomala edentula Ohaus, 1925: 91: 128 [description].
Anomala fusca Lin, 1985: 119, 121 [description], **syn. nov.**

Type material. *Anomala edentula* Ohaus: Syntypes: 1♂ "Formosa | Type | Anomala edentula Ohs. [Ohaus' handwritten label]" (MNHB). 1♂ "Formosa | Anomala edentula Ohs. Cotype ♂ [Ohaus' handwritten label]" (MNHB). Additional material. 1♂ "CHINA Hongkong | Anomala edentula Ohs. Cotype" (MNHB). 1♂ "China | ex museo Tring | Anomala edentula Ohs. Cotype" (MNHB). 1♀ "TONKIN Suyut | Anomala edentula Ohs. Cotype ♀ | Taihokú 16.7.36 M. Chujo l." (MNHB). 1♀ "Indo Chine Coll. Dussault | Anomala edentula ♀ Ohs." (MNHB). 1♂ "Vietnam bor. TAM DAO V.–VI.1990 Pich Richard leg." (CCZ). 1♂ "N-Vietnam Quan Lan Island 2m NN E-coast dunes, 17.VI.1999 lg. Fabrizi & Ahrens" (CCZ).

Comments. This species occures in northern Vietnam, south east China, Taiwan and the most southern islands of Japan from where three subspecies are described (Nomura 1962, 1965). The specimens from the Chinese mainland do not differ from the nominotypical form in Taiwan.

Anomala fasciolata Ohaus, 1925 comb. rev.

Anomala fasciolata Ohaus, 1925: 124 [description]; Yu et al., 1998: 199 [*Phyllopertha*].
Phyllopertha formosana Niijima et Kinoshita, 1927: 61, 86 [description]; Miyake et al. 1991: 19 [junior synonym of *Anomala fasciolata*].

Type material. Syntype: 1♀ "FORMOSA 19...[not readable] TAKAHASHI | Anomala fasciolata Type ♀ Ohs. [Ohaus' handwritten label] | Formosa Arisan 3.IV.35[?]" (MNHB).
Additional material. 1♂ "[Sung Kang] Nantou TAIWAN 10. VI. 1972 leg. Luo jin ji | Anomala fasciolata OHAUS Det. Kaoru Wada 1999." (CCZ). 1♂ "[Sung Kang] Nantou TAIWAN 17. VI. 1995 leg. Luo Jin" (CCZ). 1♀ "[Sung Kang] Nantou TAIWAN 16.V. 1987 leg. Luo jin ji" (CCZ). 1♀ "[Mt. Hohuan] Nantou TAIWAN 15. VI. 1984 leg. Luo jin ji | KAORU WADA Collection | Anomala fasciolata OHAUS, 1926 Det. Kaoru Wada 1999" (CCZ). 1♂ "TAIWAN Tai Chung Co. Ku Kwan 12–13/IV/1995 coll. C. L. Li" (CCZ). 1♀ "TAIWAN Nan Tou Co. Youth, Alt. 1600m ca. 1/V/1994 coll. C. C. Chen" (CCZ). 3♀♀ "REP. OF CHINA FORMOSA (TAIWAN) A LI SHAN 17.–26. 6. 95 P. MORAVEC" (CCZ). 3♂♂ "Wushai, V.961 C.Formosa" (HNHM).

Note. The last label is enigmatic since the date 3.IV.35 is later than the year of description. But because the two upper labels fit the data given in the original description, this specimen is considered a syntype.
Comments. Yu et al. (1998) transferred this species into the genus *Phyllopertha* Stephens, 1830. But as it belonges to the same group as *Anomala ebenina* Fairmaire, 1886 it should remain within the genus *Anomala* Leach, 1819.

Anomala flavofasciata Arrow, 1912

Anomala flavofasciata Arrow, 1912: 72 [description].

Type material. Lectotype (**hereby designated**): 1♂ "8270 18 | 1913.345 | Annendale Kurseong E Himalayas alt. 4700–5000 ft. 19-VI-10. | LECTOTYPE Anomala flavofasciata Arrow, 1912 des. Zorn, 2002" (BMNH). Paralectotypes: 1♀ "Gantok. Sikkim. 24–26. VI. 03 Tibet. Exped. 1905-172. | Anomala flavofasciata, Arrow Co-type | PARALECTOTYPE Anomala flavofasciata Arrow, 1912 des. Zorn, 2002" (BMNH). 1♂ "Type H.T. | Tonkin Montes Mauson April, Mai 2–3000' H. Fruhstorfer |1902-104 | Anomala flavofasciata, Arrow Type [Arrow's handwritten label] | PARALECTOTYPE Anomala flavofasciata Arrow, 1912 des. Zorn, 2002" (BMNH).

Comments. A lectotype designation was necessary since the syntype from 'Tonkin'belongs to *A. spilopteroides* Ohaus, 1914. The aedeagus of a specimen from West Bengal, which is conspecific with the lectotype is shown in Figs 3–5.

Anomala francottei Sabatinelli, 1997

Anomala francottei Sabatinelli, 1997: 244 [description].
Anomala speciosa Lin, 1999: 158 [description], **syn. nov.**

Material. 1♂, 1♀ "THAILAND Lampang X. 1991 | Anomala francottei SABATINELLI det. Zorn, 1998" (CCZ). 1♂ "N-LAOS Luang Namtha 10.05.1997 M. Strba & R. Hergovits leg." (CCZ). 1♀ "N. THAILAND: Chiang Mai Mae Taeng 9/V/1995 coll. Chamnong P. | Anomala francottei SABATINELLI det. Zorn, 1998" (CCZ). 1♀ "N. THAILAND: Chiang Rai Wiang Pa Pao 9/V/1995 coll. Chamnong P. | Anomala francottei SABATINELLI det. Zorn, 1998" (CCZ).

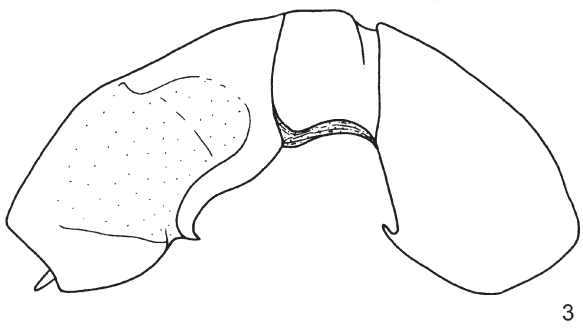
Comments. This species is known from northern Laos, Vietnam, northern Thailand and Yunnan. By describing *Anomala speciosa*, Lin (1999) obviously overlooked *A. francottei* Sabatinelli, 1997.

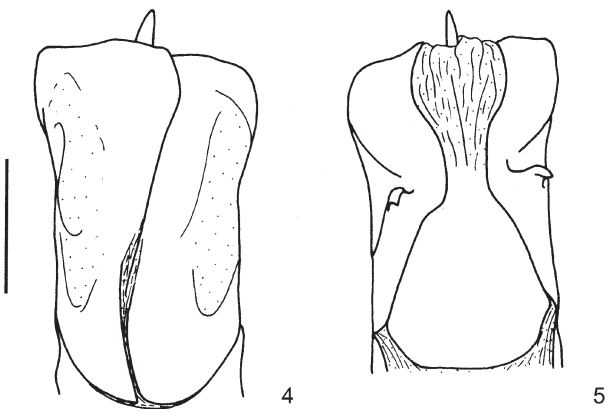
Anomala imperialis Arrow, 1899

Anomala imperialis Arrow, 1899: 264 [description].
Anomala polychroma Ohaus, 1905: 85 [description], **syn. nov.**

Type material. *Anomala imperialis* Arrow: Syntypes: 1♂ "Type | N-China [underside:] 55 21 | Anomala imperialis, Arrow Type ♂ | Anomala imperialis Arrow" (BMNH). 1♂ "Type | N-China [underside:] 55 21 | Anomala imperialis, Arrow" (BMNH). *Anomala polychroma* Ohaus: Syntypes: 1♂ "Tonkin Montes Manson April,Mai 2–3000' H. Fruhstorfer | Anomala polychroma Ohs. Type" (MNHB). 2♀♀ "Tonkin Montes Mauson April,Mai 2–3000' H. Fruhstorfer | Anomala polychroma Ohs. Cotype ♀" (MNHB). 1♀ "Tonkin Montes Manson April,Mai 2–3000' H. Fruhstorfer | Anomala polychroma Ohs. Cotype ♀" (MNHB). 2♂♂ "Tonkin Montes Manson April,Mai 2–3000' H. Fruhstorfer | Anomala polychroma Ohs. Cotype" (MNHB).

Comments. This species is known from south China (Yunnan) and north Vietnam. The type locality "N-China" of *Anomala imperialis* given by Arrow (1899) is very doubtful and therefore not cited in the catalogue. The examination of the type material showed that *A. polychroma* Ohaus, 1905 is a junior synonym of *A. imperialis* Arrow, 1899.





Figs 3–5. Aedeagus of *Anomala flavofasciata* Arrow (West Bengal, Shirikhola). 3 – lateral aspect; 4 – dorsal aspect; 5 – ventral aspect. Scale = 1 mm.

Anomala inconcinna Bates, 1866

Anomala inconcinna Bates, 1866: 343 [description].
Anomala jonasi Ohaus, 1915: 326 [description], Machatschke 1957: 130 [*Blitopertha* subgen. *Exomala*]; Kobayashi 1983: 15 [*Blitopertha*]; Miyake et al. 1991: 21 [*Exomala*], **syn. nov.**
Anomala jonasi var. *chlorochalcea* Ohaus, 1925: 124 [description], **syn. nov.**
Anomala jonasi var. *obscurior* Ohaus, 1916: 4 [description], **syn. nov.**

Type material. *A. inconcinna* Bates: Syntype: 1♀ "Formosa [Bates' handwritten label] | Anomala inconcinna Bates [Bates' handwritten label] | Ex-Musaeo H.W.BATES 1892 | Museum Paris ex Coll. R. Oberthur" (MNHN). *A. jonasi* Ohaus: Syntypes: 1♂ "Taipeh, Formosa, vii.96 | ex musaeo Tring | Type | Anomala Jonasi Ohs. Type" (MNHB). *A. jonasi* var. *chlorochalcea* Ohaus: Syntype: 1♂ "Formosa Ishita S. 1920 [underside: Chinese symbols] | [Chinese symbols] | Type | A. Jonasi Ohs. v. chlorochalcea Ohs." (MNHB). *A. jonasi* var. *obscurior* Ohaus: Syntypes: 1♂ "Kosempo Formosa Sauter 1912 | Type | A. Jonasi v. obscurior Ohs." (MNHB). 1♂ "Kosempo Sauter | A. Jonasi Ohs. v. obscurior Cotype Ohs." (MNHB). 1♂ "Kosempo (Formosa H. Sauter V. 1912 | Anomala Jonasi Cotype Ohs. [invalid type designation by Ohaus] | Phyllopertha formosana Niijima ?" (MNHB).
Additional material. 1♀ "Banshoryo-Distr Sokutsu (Formosa) H. Sauter VI. 1912 | Anomala jonasi Cotype ♀ Ohs. [invalid type designation by Ohaus]" (MNHB). 1♀ "Puli (Hori) C. Formosa V–VII 1959" (HNHM). 2♀♀ "TAIWAN, Prov. Taitung, 5km W Chipen, 350 m, 15–16.05. 1997 leg.: Gy.M. László & G. László" (HNHM). 1♂, 1♀ "TAIWAN, Prov.Taitung, 2 km N Tupan, 500 m, 120°52'E,22°29'N, 29.III.1996, T.Csovári & P. Stéger" (HNHM, CCZ). 1♀ "TAIWAN,Nantou Prov., Huisun Forest Area, 15 km N of Puli, | 500 m, at light, 12–13.IV. 1997, G. Csorba & L. Ronkay" (HNHM). 1♂ "Formosa Tainan | A. Jonasi Ohs. v. chlorochalcea Ohs. Cotype [invalid type designation by Ohaus]" (MNHB).

Comments. The examination of the cited type material showed that *A. jonasi* Ohaus, 1915, *A. jonasi* var. *obscurior* Ohaus, 1916 and *A. jonasi* var. *chlorochalcea* Ohaus, 1925 do not differ from *A. inconcinna* Bates, 1866.

Anomala laevisulcata Fairmaire, 1888

Anomala laevisulcata Fairmaire, 1888a: 19 [description].
Anomala holcoptera Fairmaire, 1889: 26 [description]; Paulian 1959: 46 [synonym with *Anomala bedeli* Ohaus, 1914], **syn. nov.**

Type material. *A. laevisulcata* Fairmaire: Syntypes: 1♂ "Chine A. David | Kiang.Si | Ex Musaeo ARM.DAVID 1900 | Museum Paris Coll. R.Oberthur | SYNTYPE Anomala laevisulcata FRM., det. Zorn 2001" (MNHN). 5♀♀ "Kiang.Si | Ex Musaeo ARM.DAVID 1900 | Museum Paris Coll. R.Oberthur | SYNTYPE Anomala laevisulcata FRM., det. Zorn 2001" (MNHN). *A. holcoptera* Fairmaire: Syntypes: 1♂ "Chine Ngan Hoei R.P. Mouton | Anomala holcoptera n. sp [Fairmaire's handwritten label] | Museum Paris ex Coll. R. Oberthur " (MNHN). 1♂ "Chine Ngan Hoei R.P. Mouton | Museum Paris ex Coll. R. Oberthur" (MNHN).
Additional material. 4♂♂, 2♀♀ "Fokien | Ex-Musaeo ARM.DAVID 1900 | Museum Paris ex Coll. R.Oberthur | Anomala laevisulcata Fairmaire det. Zorn, 2002" (MNHN). 1♂ "Chine Ho-Chan R.P.Mouton | Museum Paris ex Coll. R.Oberthur | Anomala laevisulcata Fairmaire det. Zorn, 2002" (MNHN). 2♂♂ "Foo-chow | Ex-Musaeo H.W.BATES 1892 | Museum Paris ex Coll. R.Oberthur | Anomala laevisulcata Fairmaire det. Zorn, 2002" (MNHN). 2♂♂ "Penang [sic!] | Ex-Musaeo H.W.BATES 1892 | Museum Paris ex Coll. R.Oberthur | Anomala laevisulcata Fairmaire det. Zorn, 2002" (MNHN).

Comments. This species was misidentified by Paulian (1959) who considered *A. bedeli* Ohaus, 1914 to be a junior synonym of *A. holcoptera* Fairmaire, 1889. The examination of the type material of both species indicated that they are distinctly different taxa, which are not similar, and *A. holcoptera* is a junior synonym of *A. laevisulcata* Fairmaire, 1888a.

Anomala leonfairmairei nom. nov.

Anomala micans Fairmaire, 1897: 214 [description] (primary homonym of *A. micans* Burmeister, 1844: 269).

Comments. Because the name *Anomala micans* Fairmaire, 1897 is a primary homonym of *Anomala micans* Burmeister, 1844, a replacement name is neccessary. Moreover, there is *A. dubia* var. *micans* Mulsant, 1842, which might be an infrasubspecific entity.
Etymology. The species is named after the French entomologist Léon Fairmaire (1820–1906).

Anomala nigrovirens Reitter, 1894

Anomala sublucida Ballion, 1871: 345 [description] (primary homonym of *A. sublucida* Motschulsky, 1856).
Anomala sublucida var. *nigrovirens* Reitter, 1894: 46 [description]; Medvedev 1949: 192 [*A. sublucida* ab. *nigrovirens* Reitter]; Machatschke 1957: 42 [*A. sublucida* ssp. *nigrovirens* Reitter].

Type material. *Anomala sublucida* var. *nigrovirens* Reitter: Syntypes: 1♂ "Tschan-Bulak Turkestan [Reitter's handwritten label] | coll. Reitter | Para-typus 1894 Anomala sublucida v. nigrovirens Reitter" (HNHM). 1♂ "Turkestan: Dschan-Bulak Hauser [Reitter's handwritten label] | Anom. sublucida Ball. var. n. nigrovirens m. [Reitter's handwritten label] | coll. Reitter | Holotypus 1894 Anomala sublucida v. nigrovirens Reitter" (HNHM).

Comments. The name *Anomala sublucida* Ballion, 1871 is a junior primary homonym of *Anomala sublucida* Motschulsky, 1856 (now a synonym of *A. dubia* (Scopoli, 1763)). Therefore, the available synonym of *A. sublucida* Ballion, 1871, *nigrovirens* Reitter, 1894, becomes the valid species name.

Machatschke (1957) catalogued two subspecies (ssp. *sublucida* and ssp. *nigrovirens*) without explanation, whereas Medvedev (1949) and Nikolaev (1987) did not distinguish two subspecies. The author follows the latter two specialists of the fauna of the former Soviet Union.

Anomala obscurata Reitter, 1903 comb. rev.

Anomala obscurata Reitter, 1903: 65 [description]; Ohaus 1915: 320 [*Spinanomala*].
Anomala obscurata var. *fuscipennis* Reitter, 1903: 65 [description], **syn. nov.**

Type material. *Anomala obscurata* Reitter: Syntypes: 1♂ "Ho-chan mongol. Thery | Idiocnema obscurata m. [Reitter's handwritten label] | R. | Syntypus | Anomala obscurata Rttr. Machatschke det. 1955" (DEI). 1♂ "Ho-chan mongol. Thery | R. | Snytypus [sic!]" (DEI). *Anomala obscurata* var. *fuscipennis* Reitter: Syntype: 1♂ "Ho-chan mongol. Thery | obscurata v. fuscipennis m. [Reitter's handwritten label] | R. | Holotypus" (DEI).
Additional material. 1♂ "CHINA. Foochow. San Chiang. 1927 C.H.Pope. | Pres. by Imp.Bur.Ent. Brit. Mus. 1928-347. | IMP. BUR ENTOM. | Ohaus determ. Anomala simiola Ohs. ♂. | Anomala obscurata (REITTER) det. Zorn, 2004" (BMNH). 1♂ "CHINA Foochow 10.vi.1936 M.S.Yang 2099 | Pres.by Imp.Inst.Ent. B.M.1937-68. | Ohaus determ. Anomala palleola var. Gyll. ♂. | Anomala obscurata (REITTER) det. Zorn, 2004" (BMNH). 1♂ "♂ | Amoy | Bowring. 63.47* | Anomala obscurata (REITTER) det. Zorn, 2004" (BMNH). 1♂ "China. Fo-kien. Ting-hai. June 1899 P.de la.Garde. 1906-89. | 59 | Anomala obscurata (REITTER) det. Zorn, 2004" (BMNH). 1♂ "Iwu, Chekiang | 9640 | 1 | 235 | Anomala obscurata (REITTER) det. Zorn, 2004" (BMNH).

Comments. Ohaus (1915) considered this taxon belonged to *Spinanomala* Ohaus, 1910. In fact, it is a species of *Anomala* similar to *A. sulcipennis* (Faldermann, 1835) and is therefore catalogued under its original combination. The type locality "Mongolia: Ho-chan" seems to be wrong since this species is only known from south east China.

Anomala opalina Fairmaire, 1887

Anomala opalina Fairmaire, 1887b: 111 [description].
Anomala kambaitina Ohaus, 1937: 3 [description], **syn. nov.**

Type material. *Anomala opalina* Fairmaire: Syntype: 1♀ "Yunnan R.P.Delavay | Anomala opalina Frm [Fairmaire's handwritten label] | MUSEUM PARIS" (MNHN). *Anomala kambaitina* Ohaus: Syntypes: 1♂ "N. E. BURMA Kambaiti 7000 ft. 3–7/5 1934 R. Malaise | ♂ | Paratypus | Anomala kambaitina n. sp. Fr. Ohaus det. 1937 [Ohaus' handwritten label]" (MNHN). 1♀ "Co-type | N. E. BURMA Kambaiti 7000 ft. 3–7/5 1934 R. Malaise | N.E. BURMA R.M. Malaise. B.M. 1938-468 | Ohaus determ. Anomala kambaitina Ohs. Cotype ♀. [Ohaus'

handwritten label]" (BMNH). 1♂ "♂ | N. E. BURMA Kambaiti 7000 ft. 3–7/5 1934 R. Malaise | N.E. BURMA R.M. Malaise. B.M. 1938-468 | Anomala kambaitina n.sp. Fr. Ohaus det. 1937 [Ohaus' handwritten label]" (BMNH). 1♂ "Co-type | N. E. BURMA Kambaiti 7000 ft. 3–7/5 1934 R. Malaise | N.E. BURMA R.M. Malaise. B.M. 1938-468 | Anomala kambaitina n.sp. Fr. Ohaus det. 1937 [Ohaus' handwritten label]" (BMNH). 1♂ "N. E. BURMA Kambaiti 7000 ft. 3–7/5 1934 R. Malaise | N.E. BURMA R.M. Malaise. B.M. 1938-468 | Anomala kambaitina n.sp. Fr. Ohaus det. 1937 [Ohaus' handwritten label]" (BMNH). 1♂ "N. E. BURMA Kambaiti 7000 ft. 20/6 1934 R. Malaise | N.E. BURMA R.M. Malaise. B.M. 1938-468 | Anomala kambaitina n.sp. Fr. Ohaus det. 1937 [Ohaus' handwritten label]" (BMNH).

Comments. The examination of the type material revealed that the taxa *A. opalina* Fairmaire, 1887 and *A. kambaitina* Ohaus, 1937 do not differ from each other.

Anomala piliscutella Lin, 1981 stat. rev.

Anomala piliscutella Lin, 1981: 361, 380 [description]; Lin 1982: 36 [junior synonym of *A. cinderella* Arrow].

Comments. This species was considered to be a synonym of *A. cinderella* Arrow, 1917 (type material examined) by Lin (1982), but the aedeagus (see Lin 1981) is very different. Thus, the reports of *A. cinderella* from Sichuan and Yunnan (Lin 1988) most probably also refer to this species.

Anomala platypyga Fairmaire, 1893

Anomala platypyga Fairmaire, 1893: 309 [description].
Anomala protea Arrow, 1912: 80 [description], **syn. nov.**

Type material. *Anomala platypyga* Fairmaire: Syntype: 1♀ "H. Tonkin Lamey | MUSEUM PARIS Tonkin sept. Ha lang (Lamey) Collection Léon Fairmaire 1906 | TYPE | Anomala platypyga Fairm. 1893 H. Tonkin [Fairmaire's handwritten label]" (MNHN). *Anomala protea* Arrow: Syntype: 1♂ "Type | Kurseong Sikkim R.P. Verschraeghen. 1911-218 | Kurseong Inde Verschreaghen 1904. | Anomala protea, Arrow Type [Arrow's handwritten label]" (BMNH).

Comments. The differences between *A. platypyga* Fairmaire, 1893 and *A. protea* Arrow, 1912 pointed out by Arrow (1917) and Paulian (1959) refer to the sex dimorphism in this species. The pygidium of the female (described as *A. platypyga*) is somewhat flattened whereas that of the male is more convex. The distribution of *A. platypyga* stretches from Nepal in the west over Sikkim, Bhutan, Xizang, Meghalaya, Yunnan, North Thailand and Laos to north Vietnam in the east.

Anomala polyanor Ohaus, 1916 comb. rev.

Anomala polyanor Ohaus, 1916: 4 [description]; Machatschke 1957: 130 [*Blitopertha* subgenus *Exomala*]; Kobayashi 1983: 15 [*Blitopertha*]; Miyake et al. 1991: 22 [*Exomala*, synonym of *A. palleola* Gyllenhal].

Type material. Syntypes: 1♂ "Anping Formosa Sauter V | ex musaeo Dahlem | Anomala polyanor Type Ohs. [Ohaus' handwritten label]" (MNHB). 1♀ "Tainan Formosa Sauter VIII.19 | ex musaeo Dahlem | Anomala polyanor Cotype ♀ Ohs. [Ohaus' handwritten label]" (MNHB). 1♂ "Taihorin Formosa Sauter | ex musaeo Dahlem | Anomala polyanor Cotype ♂ Ohs. [Ohaus' handwritten label]" (MNHB).

Comments. The examination of the type material proved that this species does not belong to the genera *Blitopertha* Reitter, 1903 or *Exomala* Reitter, 1903 as proposed by Machatschke (1957), Kobayashi (1983) and Miyake et al. (1991). Therefore, it is listed under its original combination in the catalogue. Moreover, this Taiwanese taxon is not a synonym of *A. palleola* (Gyllenhal, 1817) as suggested by Miyake et al. (1991). *A. palleola* is listed under *Anomala* in the catalogue **(comb. rev.)** and apparently does not occur in Taiwan.

Anomala posterior Harold, 1869

Anomala posterior Harold, 1869: 123 [replacement name for *Anomala plebeja* Burmeister, 1955].
Anomala plebeja Burmeister, 1855: 502 [description] (preoccupied by *Melolontha plebeja* Olivier, 1789, now *Anomala*).

Type material. Syntypes: 2♀♀ "plebeja * China Dpt." [Burmeister's handwritten collection label next to the two specimens] (MLUH).

Comments. The origin of this species is the Neotropical Region, not China as given in the original description. Therefore, *A. posterior* Harold, 1869 will not be included in the catalogue.

Anomala raui Ohaus, 1914

Anomala raui Ohaus, 1914: 206 [description].
Aprosterna pygidialis Fairmaire, 1888b: 341 [description]; Ohaus 1918: 64 [*Anomala* subgenus *Aprosterna*] (secondary homonym of *Anomala pygidialis* Kirsch, 1876); Machatschke 1972: 171 [*Callistethus*], **syn. nov.**
Anomala generosa Benderitter, 1929: 106 [description], **syn. nov.**

Type material. *Anomala raui* Ohaus: Syntype: 1♂ "Tuyen-Quang Tonkin) Rau | Typus! | Anomala Raui Ohs. [underside:] VII-1911 von Bedel erhalt. [Ohaus' handwritten label]" (MNHB). *Aprosterna pygidialis* Fairmaire: Syntype: 1♀ "Tonkin Beauchęn [Fairmaire's handwritten label] | TYPE | Aprosterna pygidialis Fairm. [Fairmaire's handwritten label]" (MNHN).
Additional material. 1♀ „Ht. TONKIN Lao-Kai R.V.d.Salvaza | ♀ | Cotype | Anomala Raui Ohs. [Ohaus' handwritten label] | Anomala generosa Bend. M.d.Type vergl. Mz. 23.8.30. .[Ohaus' handwritten label]" (MNHB). 1♂ „MUSEUM PARIS TONKIN LANGUE 1885 | 4819 89 | Anomala Raui Ohs. Cotype.[Ohaus' handwritten label]" (MNHB). 1♀ „Lao-Kay (Tonkin) | ♀ | Cotype | Anomala Raui Ohs. .[Ohaus' handwritten label]" (MNHB).

Comments. *Anomala pygidialis* (Fairmaire, 1888) is a secondary homonym of *Anomala pygidialis* Kirsch, 1876. Therefore, the junior synonym *Anomala raui* Ohaus, 1914 becomes the valid species name. The holotype of *A. generosa* Benderitter, 1929 could not be traced. However, Ohaus has examined the type specimen and found it to be identical with *A. raui* (see Ohaus' note on the label of the specimen from "Ht. TONKIN Lao-Kai".

Anomala rufiventris Kollar et Redtenbacher, 1848

Anomala rufiventris Kollar & Redtenbacher, 1848: 526 [description]; Burmeister 1855: 505 [*Anomala* subgenus *Aprosterna*]; Arrow 1917: 236 [*Anomala*].
Anomala (*Aprosterna*) *striolata* Blanchard, 1851: 195 [description]; Arrow 1917: 236 [synonym of *Anomala rufiventris*]; Ohaus 1918: 86 [valid species]; Machatschke 1972: 115 [*Anomala rufiventris* ssp. *striolata*], **syn. nov.**
Anomala (*Aprosterna*) *laevissima* Burmeister, 1855: 506 [description]; Arrow 1917: 236 [synonym of *Anomala rufiventris*]; Ohaus 1918: 83 [valid species]; Machatschke 1972: 115 [*Anomala rufiventris* ssp. *laevissima*], **syn. nov.**
Aprosterna iridiventris Fairmaire, 1878: 102 [description]; Ohaus 1918: 64 [*Anomala* subgenus *Aprosterna*]; Machatschke 1957: 89 [*Anomala*], **syn. nov.**

Type material. *Anomala rufiventris* Kollar et Redtenbacher: Syntypes: 1♂ "24522 | ♂ | Type | rufiventris Koll.* Cashmir.Kollar" (MNHB). 1♂ "24522 | ♂ | Type" (MNHB). 1♀ "Himalaya | 24522 | ♀ | Type" (MNHB). *Anomala laevissima* Burmeister: Syntype: 1♀ "laevissima * Assam Boys." [Burmeister's handwritten collection label next to the specimen] "Anomala rufiventris Redt. G.J.Arrow det. [Arrow's handwritten label]" (MLUH). *Anomala striolata* Blanchard: Syntype: 1♀ "46 49 | A. striolata Cat. Mus. Indes Orient" (MNHN). *Aprosterna iridiventris* Fairmaire: Syntypes: 1♂ "TYPE | MUSEUM PARIS Collection Léon Fairmaire 1906 | Aprosterna iridiventris Fairm Moupin [Fairmaire's handwritten label] | SYNTYPE Aprosterna iridiventris FRM., 1878 det. Zorn 2002" (MNHN). 1♂ "Ex-Musaeo VAN LANSBERGE | Aprosterna iridiventris Fairm [Fairmaire's handwritten label] | Museum Paris ex Coll. R.Oberthur | SYNTYPE Aprosterna iridiventris FRM., 1878 det. Zorn 2002" (MNHN).

Comments. The examination of the type material showed that the taxa *Anomala rufiventris* Kollar et Redtenbacher, 1848, *A. striolata* Blanchard, 1851, *A. laevissima* Burmeister, 1855 and *A. iridiventris* (Fairmaire, 1878) are conspecific.

Anomala rufopartita Fairmaire, 1889 stat. rev.

Anomala rufopartita Fairmaire, 1889: 27 [description]; Fairmaire 1891a: 11 [female of *A. rufozonula* Fairmaire, 1887b]; Arrow 1899: 262 [junior synonym of *A. rufozonula* Fairmaire, 1887b]; Ohaus 1918: 82 [*A. ebenina* var. *rufopartita*]; Machatschke 1957: 49 [*A. ebenina* forma *rufopartita*].
Anomala ebenina var. *colorata* Reitter, 1903: 58 [description]; Medvedev 1949: 135 [*Anomala ebenina colorata*], **syn. nov.**

Type material. *Anomala rufopartita* Fairmaire: Syntypes: 1♀ "Koui Tchéou [Fairmaire's handwritten label] | MUSEUM PARIS Collection Léon Fairmaire 1906 | Anomala rufopartita Fm. Koui Tchéou [Fairmaire's handwritten label]" (MNHN). 1♀ "MUSEUM PARIS Collection Léon Fairmaire 1906 | Anomala rufopartita Fm. Koui Tchéou [Fairmaire's handwritten label]" (MNHN). *Anomala colorata* Reitter: Holotype: ♀ "Ho-chan mongol. Thery | 14. | Holotypus | Anomala colorata m Type [Reitter's handwritten label] | Ohaus determin. 1915 Anomala rufozonula Frm. ♀. var." (DEI).
Additional material. 1♂ "♂ | Kiu-Kiang Yang-Tsze | Anomala rufopartita Fairm | Ex-Musaeo H.W.BATES 1892 | Museum Paris ex Coll. R.Oberthur | Anomala rufopartita Fairmaire det. Zorn, 2002" (MNHN). 1♂ "Kiang-Si (Villard) | MUSEUM PARIS Collection Léon Fairmaire 1906 | Anomala rufopartita Fairmaire det. Zorn, 2002" (MNHN).

Comments. The examination of the type material of *A. rufopartita* Fairmaire, 1889 showed that this taxon is not a synonym of *A. rufozonula* Fairmaire, 1887 as supposed by Fairmaire (1891a), Arrow (1899), Ohaus (1918) and Machatschke (1957, 1972). The aedeagus indicates a close relationship to *A. ebenina* Fairmaire, 1886 and *A. rufozonula*, but is different.

Anomala ebenina var. *colorata* Reitter, 1903 is a junior synonym of *A. rufopartita*, but the type locality "Mongolei: Ho-chan" is very doubtful and not cited in the catalogue.

Anomala rufozonula Fairmaire, 1887 stat. rev.

Anomala rufozonula Fairmaire, 1887b: 112 [description]; Ohaus 1918: 82 [*A. ebenina* var. *rufozonula*]; Machatschke 1957: 49 [*Anomala ebenina rufozonula*].
Anomala fascipennis Reitter, 1903: 57 [description], **syn. nov.**

Type material. *Anomala rufozonula* Fairmaire: Syntypes: 1♀ "MUSEUM PARIS Collection Léon Fairmaire 1906 | Anomala rufozonula Fairm Yunnan [Fairmaires handwritten label]" (MNHN). 1♀ "MUSEUM PARIS Collection Léon Fairmaire 1906 | Anomala rufozonula Fm. Yunnan [Fairmaires handwritten label]" (MNHN). 1♀ "Anomala rufozonula Fm Yunnan [Fairmaires handwritten label] | Museum Paris ex. Coll. R. Oberthur" (MNHN). *Anomala rufozonula* var. *fascipennis* Reitter: Syntype: 1♀ "China | Holotypus 1902 Anomala rufozonula v. fascipennis Reitter | fascipennis m. 1902 Type. [Reitter's handwritten label]" (HNHM).
Additional material. 1♂ "MUSEUM PARIS YUN-NAN A. DAVID 1887 | 115 87 | Popilia politipennis Frm. (Yunnan) [Fairmaire's handwritten label] | Anomala rufozonula Fairmaire det. Zorn, 2002" (MNHN). 3♂♂, 4♀♀ "MUSEUM PARIS YUN-NAN A. DAVID 1887 | 115 87 | Anomala rufozonula Fairmaire det. Zorn, 2002" (MNHN).

Comments. This species was misidentified by many authors and usually confused with certain color variations of *A. ebenina* Fairmaire, 1886 or with *A. rufopartita* Fairmaire, 1889 (Fairmaire, 1891a; Arrow, 1899; Reitter, 1903; Ohaus, 1918; Medvedev, 1949). Machatschke (1957, 1972) considered this taxon to be a subspecies of *A. ebenina*. In fact it is a different species, easily recognizable by its distinctly different aedeagus.

Anomala russiventris Fairmaire, 1893

Anomala russiventris Fairmaire, 1893: 290 [description].
Anomala lasiocaula Ohaus, 1914: 212 [description], **syn. nov.**
Anomala shanica Arrow, 1917: 218 [description]; Lin 1982: 36 [junior synonym of *A. russiventris*].

Type material. *A. russiventris* Fairmaire: Syntype: 1♂ "Langson Florenton [Fairmaire's handwritten label] | TYPE | Anomala russiventris Fairm, 1893 H. Tonkin [Fairmaire's handwritten label]" (MNHN). *A. lasiocaula* Ohaus: Syntype: 1♂ "Baolac | Anomala lasiocaula Ohs. | = Anomala russiventris Frm. Det. Sabatinelli 1984" (MNHB).

Comments. The examination of the above type material showed that *A. lasiocaula* Ohaus, 1914 is a junior synonym of *A. russiventris* Fairmaire, 1893.

Anomala senooi (Kobayashi, 1987) comb. nov.

Blitopertha senooi Kobayashi, 1987: 29 [description].

Comments. According to the descriptions, figures of the aedeagus (Kobayashi, 1987) and photographs in Yu et al. (1998), neither *Anomala senooi* nor *A. taitungensis* Kobayashi, 1987 (see below) are closely related to species of *Blitopertha* Reitter, 1903 or *Exomala* Reitter, 1903. They are very similar to *A. bilunata* Fairmaire, 1888b, which occurs on the southeastern Chinese mainland. Thus, the taxa *taitungensis* and *senooi* are placed in the genus *Anomala* Leach, 1819.

Anomala spiloptera Burmeister, 1855

Anomala spiloptera Burmeister, 1855: 500 [description].
Anomala densestrigosa Fairmaire, 1888a: 20 [description], **syn. nov.**

Type material. *Anomala spiloptera* Burmeister: Syntypes: 1♂, 1♀ "spiloptera * China Dpt." [Burmeister's handwritten collection label next to the two specimens]. The ♂ with an additional label "Anomala spiloptera Burm, China [Ohaus' handwritten label]" (MLUH). *Anomala densestrigosa* Fairmaire: Syntypes: 1♂ "Chine A. DAVID | Anomala densestrigosa nsp. [Fairmaire's handwritten label] | Museum Paris ex Coll. R. Oberthur" (MNHN). 5♂♂ "Chine A. DAVID | Museum Paris ex Coll. R. Oberthur" (MNHN).

Comments. The examination of the type material showed that the taxa *A. spiloptera* Burmeister, 1855 and *A. densestrigosa* Fairmaire, 1888 are conspecific.

Anomala taitungensis (Kobayashi, 1987) comb. nov.

Blitopertha taitungensis Kobayashi, 1987: 28 [description]; Miyake et al. 1991: 23 [*Exomala*].

Comments. For explanation see *A. senooi* above.

Anomala takasagoensis (Sawada, 1941) comb. nov.

Phyllopertha takasagoensis Sawada, 1941: 51 [description]; Kobayashi 1983: 16 [*Blitopertha*].

Comments. The type material could not be studied, but according to the description and figure of the aedeagus it is very closely related to *Anomala polyanor* Ohaus, 1916 (see above) and accordingly transferred to *Anomala* Leach, 1819.

Anomala trivirgata Fairmaire, 1888

Anomala trivirgata Fairmaire, 1888a: 21 [description].
Anomala trivirgata var. *bifasciata* Benderitter, 1929: 103 [description], **syn. nov.**
Anomala biguttata Frey, 1971: 114 [description], **syn. nov.**

Type material. *Anomala trivirgata* Fairmaire: Syntypes: 1♂ "MUSEUM PARIS MOUPIN A. DAVID 1870 | TYPE | Anomala trivirgata Fairm [Fairmaire's handwritten label]" (MNHN). 1♂ "479 | MUSEUM PARIS MOUPIN A. DAVID 1870 | 999 70" (MNHN). 2♂♂ "MUSEUM PARIS MOUPIN A. DAVID 1870" (MNHN). *Anomala*

biguttata Frey: Holotype: ♀ "♀ | Sankiang 8. 1934 Wassuland | W. Szechuan, China Sankiangkou leg. Friedrich | TYPE | Type Anomala biguttata n. sp. det. G. Frey 1970" (NHMB). Paratypes: 2♀♀ "♀ | Sankiang 8. 1934 Wassuland | W. Szechuan, China Sankiangkou leg. Friedrich | PARATYPE | Anomala biguttata n. sp. det. G. Frey 1970" (NHMB).
Additional material. 1♂ "N.-VIETNAM Vinh Phu-Prov., Tam Dao, ca. 1000m 17.–30. VI. 1999 A. Kallies leg." (CCZ).

Comments. The examination of the type material showed that the taxa *A. trivirgata* Fairmaire, 1888 and *A. biguttata* Frey, 1971 are conspecific. The "variety" *bifasciata* Benderitter, 1929 is considered to be an available name according to Art. 45.6.4. (ICZN 1999). The type material could not be traced. Specimens from north Vietnam (type locality Sapa) appear to be less densely punctate and more shiny dorsally, but the aedeagus does not differ from specimens from Sichuan (locus typicus of *A. trivirgata*). Therefore, *A. trivirgata* var. *bifasciata* Benderitter is considered a junior synonym of *A. trivirgata* Fairmaire.

Anomala viridisericea Ohaus, 1905

Anomala viridisericea Ohaus, 1905: 85 [description].
Anomala tectiformis Frey, 1970: 174 [description], **syn. nov.**

Type material. *Anomala viridisericea* Ohaus: Syntypes: 1♂ "Tonkin Montes Mauson April, Mai 2–3000' H. Fruhstorfer | Anomala viridisericea Ohs. Type [Ohaus' handwritten label]" (MNHB). 1♀ "Tonkin Montes Mauson April, Mai 2–3000' H. Fruhstorfer | Anomala viridisericea Ohs. Cotype [Ohaus' handwritten label]" (MNHB). *Anomala tectiformis* Frey: Paratype: 1♀ "♀ | LAOS: Ban Van Heue 20km E of Phon-Kou-Kuei, 1.–15.V.1965 | J. A. Rondon Collection Bishop Mus. | P Type | Anomala tectiformis n. sp. det. G. Frey, 1967/68" (NHMB).

Comments. The examination of the type material indicated that the taxa *A. viridisericea* Ohaus, 1905 and *A. tectiformis* Frey, 1970 are identical.

Asiopertha fulvicornis (Burmeister, 1855) comb. nov.

Anomala fulvicornis Burmeister, 1855: 502 [description].

Type material. Syntypes: 2♂♂ "fulvicornis * Schn. Mesopotam." [Burmeister's handwritten collection label next to the two specimens] (MLUH).

Comments. Burmeister (1855) described this species as *Anomala* Leach, 1819. The examination of the type material showed that this taxon is in fact an *Asiopertha* Medvedev, 1949 and very similar to *Asiopertha ganglbaueri* (Reitter, 1885) (type material examined).

Blitopertha nigripennis (Reitter, 1888)

Phyllopertha lineata var. *nigripennis* Reitter, 1888: 292 [description]; Medvedev 1949: Fauna SSSR 10(3): 219 [junior synonym of *B. lineata* Fabricius, 1798]; Petrovitz 1959: 187, 189 [*Blitopertha abdita* ab. *nigripennis*]
Blitopertha majuscula Medvedev, 1949: 209, 222 [description].
Blitopertha abdita Petrovitz, 1959: 186 [description]; Medvedev 1975: 113 [junior synonym of *B. majuscula*].

Type material. *Phyllopertha lineata* var. *nigripennis* Reitter: Syntype: 1♀ "Caucasus Helenen... [last part illegible] | coll.Reitter | Holotypus 1888 Phyllopertha arenaria v. nigripennis Reitter | lineata F. v. nigripennis m. 1888 [Reitter's handwritten label]" (HNHM).

Comments. Reitter (1888) gives a short description (bigger than lineata, black elytra) in addition to geographical information on the origin of this taxon ("Kaukasus"). According to Art. 45.6.4. of the ICZN (ICZN 1999) the name *nigripennis* Reitter must be considered available and becomes the valid species name.

Mimela arrowi nom. nov.

Anomala decipiens Arrow, 1917: 188 [description]; Machatschke 1957: 106 [*Mimela*, synonym of *M. dehaani* (Hope, 1839), confusion with *M. decipiens* Hope, 1841].

Type material. Syntypes: 1♂ "♂ | Type H.T. | Tarrawaddy 1900-20 | Anomala decipiens, Arrow Type [Arrow's handwritten label]" (BMNH). 1♂, 1♀ "Tarrawaddy 1900-20" (BMNH). 1♂ "Palon (Pegú) L. Fea. VIII. IX. 87 | Burma Genoa Mus. 1912-437. | Anomala anopunctata" (BMNH). 1♂ "♂ | 58.60 | Figured for 'Fauna of India' " (BMNH).

Comments. *Mimela arrowi* nom. nov. belongs to a peculiar group of species of *Mimela* Kirby, 1823 ("*anopunctata*-Gruppe", Machatschke 1957) which includes species with a very weakly developed prosternal process. Moreover, these species are shortly ovate and very convex and usually placed in *Anomala* Leach, 1819 by several authors (Arrow 1912, 1917; Burmeister 1855; Benderitter 1927; Machatschke 1966). Since the name *Mimela decipiens* (Arrow, 1917) is preoccupied by *Mimela decipiens* Hope, 1841 (secondary homonymy) a replacement name is required.
Etymology. The species is named after the British coleopterologist Gilbert J. Arrow (1873–1948).

Mimela dehaani (Hope, 1839)

Euchlora dehaani Hope, 1839: 71 [description]; Burmeister 1844: 536 [*Anomala* subgenus *Euchlora*]; Machatschke 1957: 106 [*Mimela*].
Mimela decipiens Hope, 1841: 66 [description]; Arrow 1917: 120 [synonym of *M. dehaani* (Hope, 1839)].
Mimela dulcissima Bates, 1891: 78 [description], **syn. nov.**

Type material. *Euchlora dehaani* Hope: Syntype: 1♂ "TYPE HOPE Proc. Zool. Soc. 2. 1839. P. 71 Coll. Hope Oxon. | Euchlora DeHaani Hope [Hope's handwritten label] | DeHaani Hope [Hope's handwritten label] | Mimela dehaani, Hope. teste,c 1910. G.J.Arrow. in Brit. Mus. | TYPE COL: 565 Euchlora dehaani Hope HOPE DEPT.OXFORD" (UMO). *Mimela decipiens* Hope: Syntypes: 1♂ "TYPE HOPE Trans. Ent. Soc. 3. 1841 P. 66 Coll. Hope Oxon. | Mimela decipiens Hope [Hope's handwritten label] | Mimela dehaani, Hope. teste,c 1910. G.J.Arrow. in Brit. Mus. | TYPE COL: 566 1/1 Mimela decipiens Hope HOPE DEPT.OXFORD" (UMO). 1♀ "Decipiens [Hope's handwritten label] | TYPE HOPE Trans. Ent. Soc. 3. 1841 P. 66 Coll. Hope Oxon. | Mimela dehaani, Hope. teste,c 1910. G.J.Arrow. in Brit. Mus. | TYPE COL: 566 2/2 Mimela decipiens Hope HOPE DEPT.OXFORD" (UMO). *Mimela dulcissima* Bates: Syntype: 1♂ "SzeChuen China | Mimela dulcissima Bates | Ex-Musaeo H.W.BATES 1892 | SYNTYPE Mimela dulcissima Bates, 1891 det. Zorn, 2002" (MNHN).

Comments. The examination of the type material proved that the taxa *M. dehaani* Hope, 1839, *M. decipiens* Hope, 1841 and *M. dulcissima* Bates, 1891 do not differ from each other.

Mimela foveola Benderitter, 1929

Mimela foveola Benderitter, 1929: 102 [description]; Ohaus 1943: 80 [junior synonym of *M. opalina* Ohaus, 1902].

Type material. Syntypes: 1♂ "TONKIN Chapa 7. V. 1918 JEANVOINE | Cotype | Mimela foveolata Bend. | Ohaus determ. Mimela opalina Ohs." (MNHB). 1♀ "TONKIN Chapa 16. V. 1918 JEANVOINE | PARATYPE | Mimela foveolata Bend. E. Benderitter, det. Paratype | Museum Paris Coll. R. Oberthür | Mimela opalina Ohs. det Sabatinelli 1994" (MNHN).

Comments. Ohaus (1943) and Lin (1993) considered this species to be a synonym of *Mimela opalina* Ohaus, 1902. The latter occures in north Vietnam and south China. In fact, *Mimela foveola* Benderitter, 1929 is a distinct species, so far known only from northern Vietnam, and is distinguishable by its external morphology and aedeagus (types of *M. opalina* examined). The body shape of *M. foveolata* is a bit more elongated and distinctly more shiny above. Moreover, the lateral carinae of the elytra are more developed in *M. foveolata*.

Mimela heterochropus hopei Burmeister, 1855 stat. nov.

Mimela splendens Hope, 1836: 114 [description] (preoccupied by *Melolontha splendens* Gyllenhal, 1817, now *Mimela*); Arrow 1917: 117 [synonym of *M. heterochropus* Blanchard, 1851].
Mimela hopei Burmeister, 1855: 507 [replacement name for *Mimela splendens* Hope, 1836].
Mimela heterochropus bruschii Sabatinelli, 1997: 252 [description], **syn. nov.**

Type material. *Mimela splendens* Hope: Syntypes: 1♀ "Nepal | Type | splendens, Hope | Hardwicke Bequest" (BMNH). 1♀ "splendens Hope Nepal. [Hope's handwritten label] | TYPE HOPE Trans:Ent:Soc 1. 1835 p. 114 Coll. Hope Oxon. | Mimela heterochropus, Bl. teste, c 1910. G.J Arrow. in Brit.Mus. | TYPE COL: 574 Mimela splendens Hope HOPE DEPT.OXFORD" (UMO).

Comments. Sabatinelli (1997) distinguished a subspecies of *Mimela heterochropus* Blanchard, 1851 from Nepal and named it *M. heterochropus bruschii* Sabatinelli, 1997. But the name *M. hopei* Burmeister, 1855 is older and available for this taxon. *Mimela hopei* was introduced as a replacement name for *M. splendens* Hope, 1836 (nec Gyllenhal, 1817), of which the type material was studied (see above).

Mimela junii calabrica Machatschke, 1957, *Mimela junii gigliocola* Machatschke, 1957, *Mimela junii rugosula* Fairmaire, 1859 = *corsicana* Machatschke, 1957

Mimela aurata junii natio *calabrica* Machatschke, 1952: 351 [infrasubspecific name]; Machatschke, 1957: 112 [*Mimela junii* ssp. *calabrica*].
Mimela aurata junii natio *gigliocola* Machatschke, 1952: 352 [infrasubspecific name]; Machatschke, 1957: 112 [*Mimela junii* ssp. *gigliocola*].
Mimela aurata junii natio *corsicana* Machatschke, 1952: 351 [infrasubspecific name]; Machatschke, 1957: 112 [*Mimela junii* ssp. *corsicana*]; Baraud 1992: 745 [junior synonym of *M. rugosula* Fairmaire, 1859].

Comments. The names *calabrica*, *gigliocola* and *corsicana* were originally published as infrasubspecific entities (Machatschke 1952) and later applied to subspecies of *Mimela junii* (Duftschmid, 1805) by Machatschke (1957). According to Art. 45.5.1. of the ICZN (ICZN 1999) Machatschke (1957) established three new names with their own authorship and date. Later, *Mimela junii corsicana* Machatschke, 1957 was synonymized with *Mimela rugosula* (Fairmaire 1859) by Baraud (1992).

Mimela pectoralis Blanchard, 1851

Mimela pectoralis Blanchard, 1851: 197 [description].
Anomala (*Rhombonyx*) *rugosopunctata* Fairmaire, 1889: 26; Ohaus 1918: 85 [*Anomala*]; Lin 1993: 19 [*Mimela*, species misinterpreted], **syn. nov.**
Mimela laevisutula Lin, 1981: 371 [description]; Lin 1982: 36 [junior synonym of *M. pectoralis* Blanchard, 1851].

Type material. *Mimela pectoralis* Blanchard: Syntype: 1♂ "46 49 | M. pectoralis Cat. Mus. Inde septent." (MNHN). *Anomala rugosopunctata* Fairmaire: Syntypes: 1♀ "471 | MUSEUM PARIS MOU-PIN A. DAVID 1870 | TYPE | Anomala rugosopunctat. Fai Moupin [Fairmaire's handwritten label] | Ohaus determ. Mimela pectoralis Blanch. [Ohaus' handwritten label]" (MNHN). 1♂ "MUSEUM PARIS MOU-PIN A. DAVID 1870 | 1006 70" (MNHN). Note. It is not quite certain that the second specimen belongs to the type series. But it bears the same locality label as the other specimen.

Comments. The examination of the type material showed that the taxa *M. pectoralis* Blanchard, 1851 and *M. rugosopunctata* Fairmaire, 1889 do not differ from each other. Lin (1993) misinterpreted the taxon *M. rugosopunctata* and applied this name to an undescribed species.

Mimela princeps Hope, 1841

Mimela princeps Hope, 1841: 65 [description]; Arrow 1917: 115 [*M. pachygastra* Burmeister, 1855 is a junior synonym]; Lin 1993: 38 [*M. pachygastra* is a different species].

Type material. Lectotype (**hereby designated**): ♂ "Princeps [Hope's handwritten label] | TYPE HOPE Trans.Ent.Soc. 3. 1841 P. 65 Coll. Hope Oxon. | Mimela t. G.J.Arrow. in B.M., 1907. | Mimela princeps, Hope. teste,c 1910. G.J.Arrow. in Brit.Mus. | TYPE COL: 575 2/2 Mimela princeps Hope HOPE DEPT.OXFORD | LECTOTYPUS Mimela Princeps HOPE, 1841 des. Zorn, 2003" (UMO). Paralectotype: 1♀ "Princeps Hope [Hope's handwritten label] | TYPE HOPE Trans.Ent.Soc 3. 1841 P. 65 Coll. Hope Oxon. | Mimela t. G.J.Arrow. in B.M., 1907. | Mimela princeps, Hope. teste,c 1910. G.J.Arrow. in Brit.Mus. | TYPE COL: 575 1/2 Mimela princeps Hope HOPE DEPT.OXFORD | PARALECTOTYPUS Mimela Princeps HOPE, 1841 des. Zorn, 2003" (UMO).

Comments. A lectotype designation was necessary because very similar species (*M. pachygastra* Burmeister, 1855 and another undescribed species from Sikkim) can only be distinguished by the shape of the aedeagus. Therefore, it is not certain that the type series is monospecific. Accordingly the male syntype was choosen (Figs 6–8). For drawings of the aedeagus of *M. pachygastra* see Lin (1993).

Mimela pyriformis Arrow, 1908

Mimela pyriformis, Arrow, 1908: 246 [description].
Mimela expansa Lin, 1990: 24 [description], **syn. nov.**

Type material. *Mimela pyriformis* Arrow: Syntype: 1♂ "Assam [underside] Naga H | Atkinson Coll. 92-3." (BMNH). Additional material. 1♂,1♀ "Myanmar N (Burma) 21 km E Putao, H-550 m Nan Sa Bon vill., 1–5.5.98 leg. S. Murzin & V. Siniaev" (CCZ). 1♀ "N-BURMA, Putao 500m, 27.04.1998 leg. S. Murzin & V. Siniaev" (CCZ).

Comments. The author could not examine the type material of *A. expansa* Lin, 1990 but according to the description and drawings of the aedeagus there is little doubt that this species is a synonym of *M. pyriformis* Arrow, 1908.

Mimela siliguria (Arrow, 1917) comb. nov.

Anomala siliguria Arrow, 1917: 188 [description].
Anomala calva Benderitter, 1927: 430 [description]; Machatschke 1957: 109 [*Mimela*], **syn. nov.**

Type material. *Anomala siliguria* Arrow: Syntypes: 1♂ "♂ | Type H.T. | Siliguri 3000 ft. 36.x.08 H.M.L. | India 1914-544 | Anomala siliguria, Arrow Type [Arrow's handwritten label]" (BMNH). 1♂ "♂ | Siliguri 3000 ft. 36.x.08 H.M.L. | India 1914-544" (BMNH). 4♀♀ "♀ | Siliguri 3000 ft. 36.x.08 H.M.L. | India 1914-544" (BMNH). 4♀♀ "Siliguri 3000 ft. 36.x.08 H.M.L. | India 1914-544" (BMNH). 1♀ "Mungphu | Atkinson Coll. 92-3." (BMNH). *Anomala calva* Benderitter: Syntypes: 1♀ "Cotype | Assam | 1930-275 | Anomala calva Type Bend. ♀" (BMNH). 1♂ "Assam | Snytypus [sic!] | Anomala calva ♂ Type Bend E.Benderitter" (DEI). 1♂ "Assam | Syntypus | Anomala calva ♀ Type Bend E.Benderitter" (DEI). 1♂, 1♀ "Assam | Syntypus | Benderitter det." (DEI). 1♂ "Assam | Syntypus" (DEI).
Additional material. 1♂ "Sikkim | Anomala siliguria Arrow. E.Benderitter, det." (BMNH).

Comments. The examination of the type material showed that *Mimela calva* (Benderitter, 1927) is a junior synonym of *Anomala siliguria* Arrow, 1917. The latter has to be transferred into the genus *Mimela* Kirby, 1823.

Mimela testaceoviridis Blanchard, 1851

Mimela testaceoviridis Blanchard, 1851: 197 [description].
Mimela chryseis Bates, 1866: 345 [description]; Nomura 1960: 69 [junior synonym of *M. testaceoviridis*]; Machatschke 1957: 103 [*M. testaceoviridis* ssp. *chryseis*]; Lin 1993: 44 [junior synonym of *M. testaceoviridis*].

Anomala surigera Heyden, 1886: 291 [description]; Reitter 1903: 54 [junior synonym of *M. testaceoviridis*].
Spilota plagiicollis var. *rufofemoralis* Fairmaire, 1887a: 319 [description], **syn. nov.**

Type material. *Spilota plagiicollis* var. *rufofemoralis* Fairmaire: Syntype: 1♂ "Pékin | Ex Musaeo ARM. DAVID 1900 | Spilota plagiicollis Fairm var. rufofemoralis [Fairmaire's handwritten label]" (MNHN).

Comments. The examined syntype of *Spilota plagiicollis* var. *rufofemoralis* Fairmaire, 1887 is identical to *Mimela testaceoviridis* Blanchard, 1851.

Phyllopertha euchroma (Fairmaire, 1891) comb. nov.

Anomala euchroma Fairmaire, 1891b [description].

Type material. Syntype: 1♀ "MUSEUM PARIS MOU-PIN A. DAVID | 1003 70 | 483 | TYPE | Anomala euchroma Fairm. [Fairmaire's handwritten label]" (MNHN).

Comments. Fairmaire (1891) described this species as *Anomala* Leach, 1819. The examination of the type material showed that this taxon is in fact a *Phyllopertha* Stephens, 1830.

Phyllopertha humeralis Fairmaire, 1887

Phyllopertha humeralis Fairmaire, 1887b: 106 [description].
Phyllopertha cribricollis Fairmaire, 1887b: 105 [description], **syn. nov.**

Type material. *Phyllopertha humeralis* Fairmaire: Syntypes: 1♂ "MUSÉUM PARIS 1906 Coll. Léon FAIRMAIRE | TYPE | Phyllopertha humeralis Fairm Yunnan. [Fairmaire's handwritten label]" (MNHN). 1♂ "Yunnan [Fairmaire's handwritten label] | MUSÉUM PARIS 1906 Coll. Léon FAIRMAIRE" (MNHN). 1♂ "MUSÉUM PARIS 1906 Coll. Léon FAIRMAIRE | Phyllopertha humeralis Fm Yunnan [Fairmaire's handwritten label]" (MNHN). 1♂ "Yunnan R.P.Delavay | Phyllopertha humeralis Fairm [Fairmaire's handwritten label] | Ex Musaeo David | Museum Paris ex Coll. R. Oberthur" (MNHN). 3♂♂ "Yunnan R.P.Delavay | Ex Musaeo David | Museum Paris ex Coll. R. Oberthur" (MNHN). 19♂♂ "Yunnan R.P.Delavay | Ex Musaeo ARM.DAVID 1900" (MNHN). 1♂ "Yunnan R.P.Delavay | Phyllopertha humeralis Fairm [Fairmaire's handwritten label] | Ex Musaeo ARM.DAVID 1900" (MNHN). 1♂ "Yunnan R.P.Delavay | humeralis [Fairmaire's handwritten label] | Ex Musaeo ARM.DAVID 1900" (MNHN). *Phyllopertha cribricollis* Fairmaire: Syntypes: 1♀ "Yunan | MUSÉUM PARIS 1906 Coll. Léon Fairmaire | TYPE" (MNHN). 1♀ "Yunan R.P.Delavay | Phyllopertha cribricollis [Fairmaire's handwritten label] | Ex Musaeo ARM.DAVID 1900 | Museum Paris ex Coll. R. Oberthur" (MNHN). 16♀♀ "Yunnan R.P.Delavay | Ex Musaeo ARM.DAVID 1900" (MNHN). 1♀ "Yunnan R.P.Delavay | Phyllopertha cribricollis n sp [Fairmaire's handwritten label] | Ex Musaeo ARM.DAVID 1900" (MNHN). 1♀ "Yunnan R.P.Delavay | cribricollis [Fairmaire's handwritten label] | Ex Musaeo ARM.DAVID 1900" (MNHN).

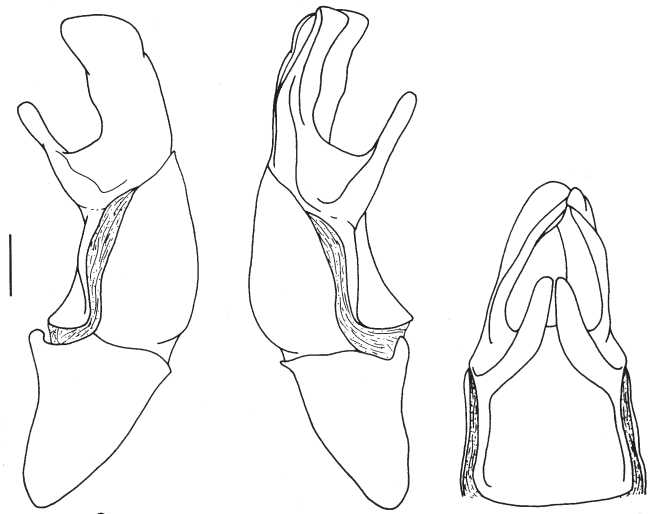
Comments. This species shows marked sexual dimorphism. The two sexes were described as separate species in the same publication (Fairmaire 1887).

Phyllopertha obscuricolor Fairmaire, 1891 stat. nov.

Phyllopertha irregularis var. *obscuricolor* Fairmaire, 1891b: 203 [description].

Type material. Syntypes: 1♂ "Thibet | MUSÉUM PARIS 1906 Coll. Léon FAIRMAIRE | P. irregularis var. obscuricolor Frm Tchang Yang [Fairmaire's handwritten label]" (MNHN). 3♂♂, 3♀♀ "Thibet Tŕtsiénloŭ Mgr. F. Biet | MUSÉUM PARIS 1906 Coll. Léon FAIRMAIRE" (MNHN). 2♀♀ "Chang Yang | MUSÉUM PARIS 1906 Coll. Léon FAIRMAIRE" (MNHN).

Comments. Since *Phyllopertha irregularis* Waterhouse, 1875 seems to be confined to Japan, the taxon *obscuricolor* Fairmaire, 1891, which was described from Sichuan and Hubei, will be listed in the catalogue as a distinct species.



Figs 6–8. Aedeagus of *Mimela princeps* Hope (Lectotype). 6, 7 – lateral aspect; 8 – ventral aspect. Scale = 1 mm.

Phyllopertha punctigera (Fairmaire, 1888) comb. nov.

Anomala punctigera Fairmaire, 1888a: 20 [description].
Phyllopertha tenuelimbata Fairmaire, 1891b: 203 [description] (primary homonym of *Phyllopertha tenuelimbata* Fairmaire, 1889=*Adoretosoma elegans* Blanchard, 1851), **syn. nov.**
Anomala sexoculata Fairmaire, 1897: 213 [description], **syn. nov.**

Type material. *Anomala punctigera* Fairmaire: Syntypes: 1♀ "Chine A. DAVID | Anomala punctigera nsp [Fairmaire's handwritten label] | Ex-Musaeo ARM.DAVID 1900 | Museum Paris ex Coll. R. Oberthur" (MNHN). 1♀ "Chine A. DAVID | Ex-Musaeo ARM.DAVID 1900 | Museum Paris ex Coll. R. Oberthur" (MNHN). *Anomala sexoculata* Fairmaire: Syntypes: 1♀ "Siŕo-Lňu Chasseurs indigčnes 1894 | TYPE | MUSEUM PARIS Collection Léon Fairmaire 1906 | Anomala 6.oculata nov. sp. Thibet [Fairmaire's handwritten label]" (MNHN). 1♀ "Siŕo-Lňu Chasseurs indigčnes 1895 | MUSEUM PARIS Coll. R. OBERTHUR 1897 | Anomala 6.oculata Fairm. ...[Fairmaire's handwritten label, partly illegible]" (MNHN). 6♀♀ "Siŕo-Lňu Chasseurs indigčnes 1895 | MUSEUM PARIS Coll. R. OBERTHUR 1897" (MNHN). 1♀ "Siŕo-Lňu Chasseurs indigčnes 1894 | Anomala 6 oculata Fm n sp. [Fairmaire's handwritten label] | Museum Paris ex Coll. R. Oberthur" (MNHN). 14♀♀ "Siŕo-Lňu Chasseurs indigčnes 1894 | Museum Paris ex Coll. R. Oberthur" (MNHN). 1♀ "Siŕo-Lňu Chasseurs indigčnes 1894 | ex museo Oberthur | ♀ | Cotype | Anomala sexoculata Frm. | Anomala bioculata Frm. m.d.T.vergl. Mainz 19. 6. 41 / Type ♀ a.d. Mus.Paris z. Ansicht erh. | als Anomala beschrieben [Ohaus' handwritten label]" (MNHB). 1♀ "Siŕo-Lňu Chasseurs indigčnes 1894 | Anomala 6 oculata Fm n.sp. [Fairmaire's handwritten label] | Museum Paris ex Coll. R.Oberthur | SYNTYPE Anomala sexoculata FRM., 1897 det. Zorn, 2001" (MNHN). 14♀♀ "Siŕo-Lňu Chasseurs indigčnes 1894 | Museum Paris ex Coll. R.Oberthur | SYNTYPE Anomala sexoculata FRM., 1897 det. Zorn, 2001" (MNHN). 1♀ "Siŕo-Lňu Chasseurs indigčnes 1895 | 6-oculata Fairm [Fairmaire's handwritten label] | René Oberthür Thibet" (RMNH). 1♀ "Siŕo-Lňu Chasseurs indigčnes 1894 | René Oberthür Thibet" (RMNH). 1♀ "Siŕo-Lňu Chasseurs indigčnes 1894" (RMNH). *Phyllopertha tenuelimbata* Fairmaire, 1891b: Syntype: 1♂ "MUSÉUM PARIS 1906 Coll. Léon Fairmaire | Phyllopertha tenuelimb. Fairm Tchang-Yang [Fairmaire's handwritten label]" (MNHN).

Comments. The examination of the type material showed that *Anomala punctigera* Fairmaire, 1888a, *Anomala sexoculata* Fairmaire, 1897 and *Phyllopertha tenuelimbata* Fairmaire, 1891b [nec Fairmaire, 1889] are *Phyllopertha* species of the "*diversa* group" as defined by Li & Yang (1997).

For the time being they are considered to be synonyms. Because no male specimens from Jiangsi and Sichuan (type localities of *A. punctigera* and *A. sexoculata*) were available the proposed synonymity must be verified in the future.

Phyllopertha zea Reitter, 1903 stat. nov.

Phyllopertha horticola var. *zea* Reitter, 1903: 83 [description].

Type material. Lectotype **(hereby designated)**: 1♂ "Kuku noor [Reitter's handwritten label] | coll.Reitter | Paratypus 1902 Phyllopertha horticola v. Zea Reitter | LECTOTYPE Phyllopertha horticola var. zea Reitter, 1903 des. Zorn, 2004" (HNHM). Paralectotype: 1♀ "Tibet bor. Kuku-noor | coll.Reitter | Holotypus 1902 Phyllopertha horticola v. Zea Reitter | v. Zea m. Kuku-noor [Reitter's hand writing] | PARALECTOTYPE Phyllopertha horticola var. zea Reitter, 1903 des. Zorn, 2004" (HNHM).
Additional material. 1♂ "THIBET Kuku-Nor 3200m.F.Hauser 1898. | 134 | TYPE | Phyllopertha Zea Rtt. type! non Perrisi. | Museum Paris Coll. M.Pic | Phyllopertha horticola (L.) ab. zea Reitter. Ce n'est pas le type, son ± tęte et pronotum sont cuivrés. J. Baraud dét. 1986" (MNHN).

Comments. According to Art. 45.6.4. of the ICZN (ICZN 1999) *Phyllopertha horticola* var. *zea* Reitter, 1903 is an available name. The examination of the type material from Kuku noor (= lake Qinghai Hu, province Qinghai) proved that it is a distinct species. Since Reitter (1903) mentioned additional specimens from Ussuria in the original description (material not detectable), which probably belong to *Ph. horticola* (Linnaeus, 1758), a lectotype was designated (Figs 9–11).

Glenopopillia nagaii (Sabatinelli, 1997) comb. nov.

Callistethus nagaii Sabatinelli, 1997: 249 [description].

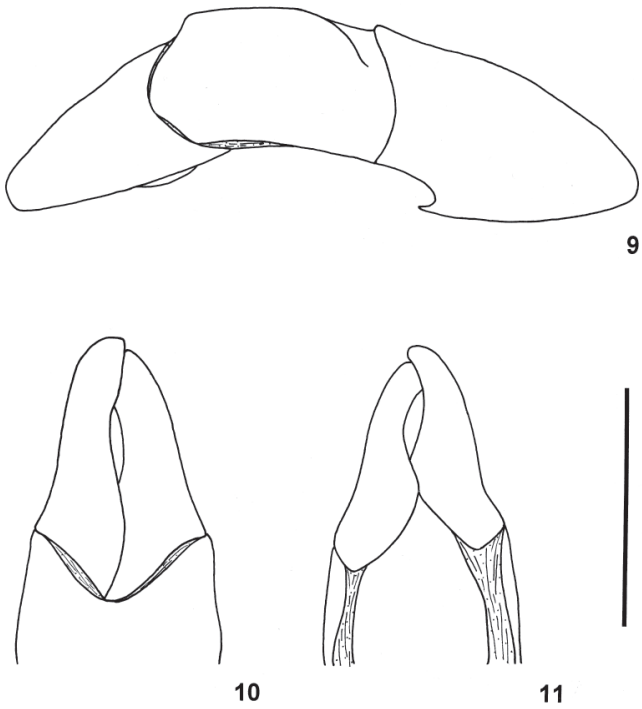
Material. 1♂ "N. Vietnam Mt. Fan-si-pan W-Seite Cha-pa (=Sapa) 2000m 22.15'N 103.45'E primär. Nebelwald 5.vii.1994 leg.Brechlin & Schintlmeister" (CCZ). 1♂ "China, Yunnan, Baoshan city env., h-2000m. 10.07.98. leg. A.Gorodinski" (CCZ). 1♀ "N.-Vietnam Vinh Phu Prov., Tam Dao, 930m, VI-VIII.97 native collector" (CCZ). 1♂, 3♀♀ " N.-Vietnam Vinh Phu-Prov., Tam Dao, ca. 1000m 17.–30.VI. 1999 A. Kallies leg." (CCZ).

Comments. This species belongs without doubt to the genus *Glenopopillia* Lin, 1980. According to their descriptions and drawings of the aedeagus, it is very closely related to *Glenopopillia maculata* Lin, 1980, of which it might be a synonym or subspecies. However, type material of these species was not studied.

Ischnopopillia atronitens (Fairmaire, 1896) comb. nov.

Popillia atronitens Fairmaire, 1896: 89 [description].
Ischnopopillia atronitens Machatschke, 1975: 6 [description] (secondary homonym and junior synonym of *Popillia atronitens* Fairmaire, 1896), **syn. nov.**

Type material. *Popillia atronitens* Fairmaire: Syntypes: 1♂ "Siáu-Lou-Lou-Chan Chasseurs Thibétains 1896 | ex Coll. Oberthur 99-262. | Ischnopopillia atronitens Machatschke Lin Ping | 39.3. atronitens" (BMNH). 3♂♂ "♂ | Siáu-Lou-Lou-Chan Chasseurs Thibétains 1896 | ex Coll. Oberthur 99-262." (BMNH). 1♂ "69781 | Siáu-Lou-Lou-Chan Chasseurs Thibétains 1896 | ex Coll. Oberthur 99-262." (BMNH). 10♂♂ "Siáu-Lou-Lou-Chan Chasseurs Thibétains 1896 | ex Coll. Oberthur 99-262." (BMNH). 1♀ "Siáu-Lou-Lou-Chan Chasseurs Thibétains 1896 | Ohaus determ. Spilota atronitens Ohs. | MUSEUM PARIS" (MNHN). 2♂♂ "Siau-Lou-Lou-Chan Chasseurs Thibétains 1896 | René Oberthür Thibet" (RMNH). 2♂♂ "Siau-Lou-Lou-Chan Chasseurs Thibétains 1896" (RMNH). *Ischnopopillia atronitens* Machatschke: Holotype: ♂ "Siáu-Lou-Lou-Chan Chasseurs Thibétains 1896 | Spilota atronitens Type ♂ Oh. | Holotypus Ischnopopillia atronitens m. Machatschke | atronitens Ohs." (MNHB).



Figs 9–11. Aedeagus of *Phyllopertha zea* Reitter (Lectotype). 9 – lateral aspect; 10 – dorsal aspect; 11 – ventral aspect. Scale = 1 mm.

Comments. When Machatschke (1975) described *Ischnopopillia atronitens* he was obviously overlooking the description by Fairmaire (1896). *Ischnopopillia atronitens* (Fairmaire,1896) was not catalogued in Ohaus (1918) or subsequently in (Machatschke 1957, 1972).

Ischnopopillia exarata (Fairmaire, 1886)

Popillia exarata Fairmaire, 1886: 330 [description]; Kraatz 1892: 293 [*Ischnopopillia*]; Arrow 1899: 262 [*Anomala*]; Machatschke 1957: 164 [*Ischnopopillia*]
Popillia cinnabarina Fairmaire, 1887: 113 [description]; Kraatz 1892: 293 [*Ischnopopillia*, variety of *I. exarata*]; Arrow 1899: 262 [*Anomala*, junior synonym of *I. exarata*]; Machatschke 1957: 165 [*Ischnopopillia*].
Ischnopopillia exarata var. *cupreata* Kraatz, 1892: 293 [description], **syn. nov.**
Ischnopopillia suturella Machatschke, 1975: 9 [description], **syn. nov.**

Type material. *Popillia exarata* Fairmaire: Syntypes: 1♂ "Yunnan Ta-pin-tze R.P.Delavay | ex museo Oberthür | Popillia exarata Cotype Fairm. [Ohaus' handwritten label] | Ischnopopillia exarata Fairm Machatschke det. 1970 | exarata Fairm." (MNHB). 1♂ "Yunan | MUSEUM PARIS Collection Léon Fairmaire 1906 | Popilia [sic!] exarata Fairm Yunnan [Fairmaire's handwritten label]" (MNHN). *Popillia cinnabarina* Fairmaire*:* Syntype: 1♀ "MUSEUM PARIS Collection Léon Fairmaire 1906 | Popilia [sic!] cinnabarina Fm Yunnan [Fairmaire's handwritten label]" (MNHN). *Ischnopopillia suturella* Machatschke: Holotype: ♂ "Su-Tchuen Chass. Thibétains 1897 | Spilota suturella Ohs Type ♂ [Ohaus' handwritten label] | Holotypus Ischnopopillia suturella m. Machatschke | suturella Ohs." (MNHB). Paratypes: 1♀ "Su-Tchuen Siŕo-Lou 1897 | ex museo Oberthür | Spilota suturella Cotype ♀ Ohs [Ohaus' handwritten label] | Allotypus Ischnopopillia suturella m. ♀ Machatschke" (MNHB). 1♀ "Mou-Pin R.P.Dejean 1898 | Spilota suturella Cotype ♀ Ohs [Ohaus' handwritten label] | PARATYPUS Ischnopopillia suturella m. ♀ Machatschke" (MNHB).

Comments. The examination of the above type material showed that *Ischnopopillia suturella* Machatschke, 1975 does not differ from *I. exarata* Fairmaire, 1886.

Ischnopopillia moorei Kraatz, 1892

Ischnopopillia moorei Kraatz, 1892: 294 [description]; Arrow 1917: 267 [*Anomala*]; Machatschke 1957: 165 [*Ischnopopillia*]; Lin 1982: 36 [junior synonym of *I. lateralis* (Hope, 1831)].
Ischnopopillia andrewesi Kraatz, 1897: 332 [description]; Arrow 1917: 267 [*Anomala*, *junior* synonym of *I. moorei*]; Machatschke 1957: 165 [*Ischnopopillia*].
Anomala flavipes Arrow, 1917: 266 [description]; Machatschke 1957: 165 [*Ischnopopillia*]; Lin 1982: 36 [junior synonym of *I. lateralis* (Hope, 1831)], **syn. nov.**

Type material. *Ischnopopillia moorei* Kraatz: [Holotype?]: 1♂ "Type | ♂ | Chauba | Andrewes Bequest. B.M. 1922-221 | Coll. Kraatz | TYPE | Ischnopopillia Moorei Kraatz [Kraatz' handwritten label!]" (BMNH). *Ischnopopillia andrewesi* Kraatz: Syntypes: 1♀ "Type | Chauba | Andrewesi Krtz 1896" (BMNH). 1♀ "Co-type | Chauba | Andrewes Bequest. B.M. 1922-221 | Ischnopopillia Moorei, Kr. ♀ Compared with type. G.J.A. | Ischnopopillia Andrewesi Krtz." (BMNH). 1♀ "Co-type | Chauba | 1912-407" (BMNH). *Anomala flavipes* Arrow: Syntypes: 1♂ "Type | Ranikhet, U.P., India. 6–8. '16. H.G.C. [underside] 1917.10 | Anomala flavipes, Arrow Type [Arrow's handwritten label]" (BMNH). 1♀ "Paratype | Ranikhet | [US] 1917.10 | Anomala flavipes, Arrow Co-type [Arrow's handwritten label]" (BMNH). 1♂ "Ranikhet | Anomala flavipes, Arrow Co-type [Arrow's handwritten label] | H.G.Champion Coll. B.M. 1953-156" (BMNH).

Note. It is very unlikely that the specimen examined and cited here is the holotype of *I. moorei* Kraatz, 1892 since the locality "Chauba" is not mentioned in the original description. Further, according to Kraatz (1892, 1897), Ohaus (1897) and Arrow (1917) the holotype should be kept in the Oberthür collection in Paris where it could not be traced despite intensive search.
Comments. Lin (1982) considered *Ischnopopillia moorei* Kraatz, 1892 and *Ischnopopillia flavipes* (Arrow, 1917) to be junior synonyms of *Ischnopopillia lateralis* (Hope, 1831). Although the aedeagi of *I. moorei* and *I. lateralis* are very similar, these taxa differ in the surface sculpture of the pronotum, which is rugosely punctured and opaque in *I. lateralis* and finely punctured and shiny in *I. moorei* (see also Sabatinelli [1997]). *I. moorei* Kraatz, 1892 and its junior symonym *I. flavipes* (Arrow, 1917) are therefore treated as distinct from *I. lateralis* (Hope, 1831). Based on the currently available material, *I. moorei* seems to occur in the more western parts of the Himalayas (western Nepal, Uttar Pradesh, Himachal Pradesh) and *I. lateralis* in the east (central and east Nepal, Sikkim, Bhutan, Xizang). The types of *A. flavipes* do not differ from *I. moorei*.

Anisoplia (*Anisoplia*) *remota* Reitter, 1889

Anisoplia remota Reitter, 1889: 103 [description].
Anisoplia weberi Reitter, 1898: 342 [description]; Reitter 1903: 98 [*A. remota* var. *weberi*]; Machatschke 1957: 192 [*A. remota* forma *weberi*]; Baraud 1991: 378 [*A. remota* ab. *weberi*].
Anisoplia noesskei Hänel, 1939: 13 [description]; Baraud 1991: 378 [junior synonym of *A. remota* Reitter, 1889].
Anisoplia arvicola var. *latenigra* Pic, 1944: 1 [description], **syn. nov.**
Anisoplia arvicola var. *perroudi* Pic, 1944: 1 [description], **syn. nov.**
Anisoplia arvicola var. *reyi* Pic, 1944: 1 [description], **syn. nov.**
Anisoplia arvicola var. *theresae* Pic, 1944: 1 [description], **syn. nov.**
Anisoplia mulsanti Pic, 1944: 1 [description]; Machatschke 1957: 192 [*A. remota* forma *mulsanti*]; Baraud 1991: 378 [*A. remota* ab. *mulsanti*].

Type material. *Anisoplia arvicola* var. *latenigra* Pic: Syntype: 1♀: "[unreadable] | Type | HOLOTYPE | v. latenigra [Pic's handwritten label] | Museum Paris Coll. M. Pic | Anisoplia baetica ER. ssp. remota REITT. det. Adam 1978 | Anisoplia baetica ER. ssp. remota REITT. det. Adam 1978 | Anisoplia remota Reit. ab. latenigra J. Baraud det. 1986" (MNHP). *Anisoplia arvicola* var. *perroudi* Pic: Syntype: 1♀: "Type | Coll. Perroud | HOLOTYPE | v. Perroudi mihi [Pic's handwritten label] | Museum Paris Coll. M. Pic | Anisoplia baetica ER. ssp. remota REITT. det. Adam 1978 | Anisoplia remota Reit. ab. perroudi J. Baraud det. 1986" (MNHP). *Anisoplia arvicola* var.

theresae Pic: Syntype: 1♀ "Agay | Type | HOLOTYPE | v. theresae Pic [Pic's handwritten label] | Museum Paris Coll. M. Pic | Anisoplia baetica ER. ssp. remota REITT. det. Adam 1978 | Anisoplia remota Reit. ab. theresae J. Baraud det. 1986" (MNHP).

NOTE. The type material of *A. arvicola* var. *reyi* Pic could not be located in the MNHN.
COMMENTS. *Anisoplia remota* Reitter, 1889 might be a junior synonym of *A. arvicola* (Fabricius, 1781) of which two syntypes were examined. The two female syntypes of *Melolontha arvicola* in the BMNH are in poor condition. They obviously belong to the "*villosa* group" sensu Baraud (1991) and are similar to small specimens of *A. remota*. The origin "Sibiria" as given in the original description seems to be very doubtful since no species of this group occurs in that region. However, since this assignment is not certain, *A. arvicola* will be listed separately in the catalogue. Mulsant (1842) described several varieties of the latter which were not mentioned in Machtschke (1957, 1972) or in the revision of *Anisoplia* by Baraud (1991a, 1991b). They will be formally synonymized with *Anisoplia arvicola* (Fabricius 1778) in the catalogue preface.

Ádám (2003) considered *A. arvicola* to be conspecific with *A. brenskei* Reitter, 1889, however, it is considered distinct here.

Anisoplia (*Autanisoplia*) *austriaca austriaca* (Herbst, 1783)

Melolontha austriaca Herbst, 1783: 16 [description]; Medvedev 1949: 265 [*Anisoplia* subgenus *Autanisoplia*].
Anisoplia austriaca bulgarica Sacharieva-Stoilova, 1954: 209 [description] (preoccupied by *bulgarica* Apfelbeck, 1909).
Anisoplia austriaca bulgaricola Machatschke, 1957: 194 [replacement name for *bulgarica* Sacharieva, 1954].
Anisoplia austriaca balcanica Mikšic, 1959: 98 [replacement name for *bulgarica* Sacharieva, 1954] (preoccupied by *balcanica* Reitter, 1889).
Anisoplia (*Autanisoplia*) *austriaca miksici* Baraud, 1991: 313 [replacement name for *balcanica* Mikšic; 1959].

COMMENTS. Baraud (1991) chose the replacement name *miksici* for *Anisoplia austriaca balcanica* Mikšic, 1959 nec Reitter, 1889. By citing this subspecies from former Yugoslavia, Baraud (1991, 1992) obviously overlooked that *balcanica* Mikšic, 1959 was only a replacement name for the taxon *bulgarica* Sacharieva, 1954 nec Apfelbeck, 1909 described from Bulgaria. On the other hand, the replacement name *balcanica* Mikšic, 1959 (and subsequently also its replacement name *miksici* Baraud) was unnecessary since Machatschke (1957) had replaced *bulgarica* Sacharieva, 1954 by *bulgaricola* Machatschke, 1957. Because Baraud (1991, 1992) stated that the taxon *bulgaricola* Machatschke does not differ from the nominotypical form, both *balcanica* Mikšic and *miksici* Baraud must be considered synonyms of *A. austriaca austriaca* (Herbst). Whether the population occuring in the former Yugoslavia really differs from *A. austriaca austriaca* needs to be determined.

Chaetopteroplia segetum griseovillosa (Machatschke, 1961)

Anisoplia segetum ab. *griseovillosa* Balthasar, 1929: 25: 114 [infrasubspecific name]; Machatschke, 1961: 650 [*Anisoplia segetum* ssp. *griseovillosa*].

COMMENTS. According to Art. 45.6.2.of the ICZN (ICZN 1999) a name given to an aberration is not an available name. Since Machatschke (1961) used *griseovillosa* as a subspecies name, the author of the taxon *Chaetopteroplia segetum griseovillosa* is Machatschke (1961), not Balthasar (1929) (Art. 45.6.4.1. ICZN, 1999).

Chaetopteroplia segetum rasa (Zoubkov, 1833) stat. nov.

Anisoplia rasa Zoubkov, 1833: 324 [description]; Reitter 1903: 94 [synonym of *Anisoplia segetum* (Herbst, 1783)]; Medvedev, 1949: 260 [synonym of *Chaetopteroplia segetum segetum* (Herbst, 1783)].

COMMENTS. Reitter (1903) considered *Anisoplia rasa* Zoubkov, 1833 to be a junior synonym of *Anisoplia segetum* (Herbst, 1783) (now *Chaetopteroplia* Medvedev, 1949), which all subsequent authors (Medvedev 1949; Machatschke 1957, 1972; Baraud 1992) followed. Several subspecies of *Chaetopteroplia segetum* were recognized, but the taxon *rasa* Zoubkov, 1833 remained in the synonym list of the nominotypical form. Since *Anisoplia rasa* was described from the area east of the Caspian Sea ("Turcménie") and *Ch. segetum* s. str. is not known from that region, this synonymy is very doubtful. Since the author did not study the type material, this taxon will be listed as an separate subspecies of *Ch. segetum* in the catalogue. Whether *Ch. segetum rasa* (Zoubkov, 1833) is a synonym of *Ch. segetum zoubkovii* (Krynicky, 1832), a subspecies that occures in West Sibiria and Kazakhstan, needs to be determined.

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