

## **Ground beetles (Coleoptera: Carabidae) of the Russian Far East: Additions and corrections to the Catalogue of Palaearctic Coleoptera, Volume 1 (2017). Contribution 2**

**Yu.N. Sundukov<sup>1</sup>, K.V. Makarov<sup>2</sup>**

<sup>1</sup> *Federal Scientific Center of East Asia Terrestrial Biodiversity, Far East Branch of the Russian Academy of Sciences, 100-letiya Vladivostoka av. 159, Vladivostok, 690022 Russia. E-mail: yun-sundukov@mail.ru*

<sup>2</sup> *Zoology and Ecology Department, Moscow Pedagogical State University, Kibalchicha Street 6, Bld. 3, Moscow 129164 Russia. E-mail: kvmac@inbox.ru*

**ABSTRACT:** 214 comments are proposed for the 2nd edition of the first volume of the Catalog of Palaearctic Coleoptera, of which 189 are related to the systematic part of the catalog and 25 to its list of references. Distribution information is corrected for 10 taxa, three taxa are added, four excluded, and taxonomic information is refined for the remainder. 12 new publications are added, 2 references deleted, and data corrected for further 12 papers.

How to cite this article: Sundukov Yu.N., Makarov K.V. 2020. Ground beetles (Coleoptera: Carabidae) of the Russian Far East: Additions and corrections to the Catalogue of Palaearctic Coleoptera, Volume 1 (2017). Contribution 2 // *Invert. Zool.* Vol.17. No.3. P.267–290. doi: 10.15298/invertzool.17.3.05

**KEY WORDS:** Taxonomic list; omitted taxa; added taxa; excluded taxa; taxonomic refinements; distribution.

## **Жужелицы (Coleoptera: Carabidae) Дальнего Востока России: Дополнения и исправления к Catalogue of Palaearctic Coleoptera, Volume 1 (2017). Сообщение 2**

**Ю.Н. Сундуков<sup>1</sup>, К.В. Макаров<sup>2</sup>**

<sup>1</sup> *Федеральный научный центр биоразнообразия наземной биоты Восточной Азии Дальневосточного отделения РАН, просп. 100-летия Владивостока, 159, Владивосток, 690022 Россия. E-mail: yun-sundukov@mail.ru*

<sup>2</sup> *Кафедра зоологии и экологии Института биологии и химии, Московский педагогический государственный университет, ул. Кибальчича 6, стр. 3, Москва 129164 Россия. E-mail: kvmac@inbox.ru*

**РЕЗЮМЕ:** Предложено 214 замечаний к 2-му изданию первого тома Catalogue of Palaearctic Coleoptera, из которых 189 касается систематической части каталога и 25 — его списка литературы. Для 10 таксонов исправлены сведения о распространении, три таксона добавлено, четыре — исключено, а для остальных уточнена таксономическая информация. Добавлено 12 новых публикаций, удалено 2 публикации, а для 12 публикаций приведены изменения.

Как цитировать эту статью: Sundukov Yu.N., Makarov K.V. 2020. Ground beetles (Coleoptera: Carabidae) of the Russian Far East: Additions and corrections to the Catalogue of Palaearctic Coleoptera, Volume 1 (2017). Contribution 2 // Invert. Zool. Vol.17. No.3. P.267–290. doi: 10.15298/invertzool.17.3.05

**КЛЮЧЕВЫЕ СЛОВА:** таксономический список; добавленные таксоны, исключенные таксоны; таксономические уточнения; распространение.

## Introduction

When preparing the catalog of ground beetles of the Far East of Russia, many inaccuracies were found in the second edition of the first volume of the Catalog of Palaearctic Coleoptera (Löbl, Löbl, 2017). Since this publication has widely been used as a source of reference, also serving as the basis for compiling many regional checklists, it seems advisable to pinpoint and publish the errors we have spotted in order to facilitate the future introduction of corrections. This is the second contribution that also substantially supplements our first one (Sundukov, Makarov, 2019) which contained 108 distribution refinements and 70 taxonomic corrections for 155 Far Eastern taxa.

## Methods

In the course of the study, we used only published data on the distribution of ground beetles in the Far East of Russia, supported by material from the collections of the Federal Scientific Center of East Asia Terrestrial Biodiversity (Vladivostok), the Federal Pedagogical University (Moscow), and the Zoological Institute of the Russian Academy of Sciences (St. Petersburg).

To verify the taxonomic information, primary literature sources containing the descriptions of the relevant ground beetles taxa were consulted. All taxa included in the present paper are listed with reference to the pages they were published on in the catalogue.

In order not to increase the list of references, only sources used by us are included in this work, references to which being given in parentheses, ()

## Results

In total, 214 notes are included in the present publication, of which 189 relate to the systematic part. They contain a total of 10 corrections to the distribution of taxa: 3 taxa are included as new to the fauna of the Russian Far East, 4 are excluded from the list, and data on the distribution beyond the territory of the Far East are corrected for further 3 taxa. Numerous taxonomic refinements and changes are given as well, altogether concerning the following categories:

- for 11 taxa of the generic rank, the type species are fixed;
- for 19 taxa of the generic rank, the genus of the type species is fixed;
- for 13 taxa, the name is corrected;
- for 2 taxa, the names of the authors of the original descriptions are corrected;
- for 65 taxa, the page numbers containing the original descriptions are corrected;
- for 96 taxa, information concerning the publication in which the original description of the taxon appeared was corrected.

In the catalog's list of references, 12 new publications are added, 2 papers deleted as irrelevant, and corrections are made to further 12 publications.

### Corrections and addition to the Far Eastern taxa of Carabidae

p. 29. genus *Trachypachus* Motschulsky, 1844: 86 type species *Trachypachus transversalis* Motschulsky, 1844; change the name from *transversalis* to *transversicollis* (Motschulsky, 1844).

p. 29: *Trachypachus zetterstedti* (Gyllenhal, 1827), synonym *transversalis* Motschulsky,

1844: 86; change the name from *transversalis* to *transversicollis* (Motschulsky, 1844).

p. 33: genus *Leistus* Frölich, 1799: 9; change page to: 1799: 1. The description of the genus *Leistus* begins on page 1 and ends on page 8, with page 8 the description of *L. testaceus* begins (Frölich, 1799).

p. 36: subgenus *Leistus* Frölich, 1799: 9 type species *Carabus ferrugineus* Linnaeus, 1758; change page to: 1799: 1 (see previous post), and correct the type species to: *Leistus testaceus* Frölich, 1799 (= *Carabus ferrugineus* Linnaeus, 1758). In the Catalogue, *L. testaceus* is the junior synonym for *L. ferrugineus* (Farkač, 2017).

p. 38: *Leistus (Leistus) niger* Gebler, 1847, synonym *tibialis* Motschulsky, 1860c: 98; change page to: 1860c: 97 (Motschulsky, 1860c).

p. 43: *Nebria (Boreonebria) gyllenhali gyllenhali* (Schönherr, 1806), synonym *schneideri* Munster, 1933: 268; change page to: 1933: 267 (Munster, 1933).

p. 44: *Nebria (Boreonebria) nivalis nivalis* (Paykull, 1790), synonym *femoralis* Motschulsky, 1859e: 541 [= Motschulsky, 1859f: 224]; change the reference to: Motschulsky, 1859c: 541 [= Motschulsky, 1859d: 224] (Motschulsky, 1859c, d, e).

p. 44: *Nebria (Boreonebria) subdilata* Motschulsky, 1844, synonym *parvicollis* Motschulsky, 1859e: 540 [= Motschulsky, 1859f: 224]; change the reference to: Motschulsky, 1859c: 540 [= Motschulsky, 1859d: 224] (Motschulsky, 1859c, d, e).

p. 51: subgenus *Nebria* Latreille, 1812, synonym *Helobia* Stephens, 1828: 16; change the reference and page to: 1827: 45. A description of *Helobia* is given in the key (p. 45) and diagnosis (p. 60–61) (Stephens, 1827).

p. 60: *Notiophilus aquaticus* (Linnaeus, 1758), synonym *dauricus* Motschulsky, 1860e:

539; change the reference to: Motschulsky, 1859c: 539 [= Motschulsky, 1859d: 222]. The publication “Motschulsky, 1860e” is not in the references of Catalogue; article with a description of *Notiophilus aquaticus* var. *?dauricus* was published twice in June 1859 (Motschulsky, 1859c, d).

p. 60: *Notiophilus biguttatus* Fabricius, 1779: 222 (*Elaphrus*); change page to: 1779: 231 (Fabricius, 1779).

p. 63: *Pelophila borealis* (Paykull, 1790), synonym *costata* Ménétrés, 1851: 49. The combination *Pelophila costata* Ménétrés, 1851 appeared for the first time in the catalog by Gemminger and Harold (1868: 47) and later it was repeated in several papers (Csiki, 1927; Erwin, 2007; Löbl, Löbl, 2017). However, already Bänniger (1930: 101) doubted the assignment of *costata* Ménétrés, 1851 to the genus *Pelophila*, while Kryzhanovskij et al. (1995) and Bousquet (2012) omitted it from the list of synonyms of *Pelophila borealis*. We suggest deleting this taxon for the following reasons: 1) Ménétrés’s work on page 49 describes *Lypero- pherus costatus* [= *Pterostichus costatus* (Ménétrés, 1851)]; 2) of the genus *Pelophila*, only “*Pelophila borealis* Fabr.” is listed in this publication (Ménétrés, 1851: 47); 3) in other publications of Ménétrés, this taxon was not described.

p. 63: subgenus *Calosoma* Weber, 1801, synonym *Acamegonia* Lapouge, 1927: 4 type species *Calosoma glabratum* Dejean, 1831; change the reference, page and type species to: 1924: 38 type species *Acamegonia peregrinatrix incerta* Lapouge, 1924 (= *Calosoma sponsa* Casey, 1897) (Lapouge, 1924, 1927).

p. 63: subgenus *Calosoma* Weber, 1810, synonym *Calipera* Bedel, 1881: 15; change the name *Calipera* and reference to: *Callipera* Bedel, 1879a: 15 (Bedel, 1879, 1881).

p. 63: subgenus *Calosoma* Weber, 1810, synonym *Calister* Reitter, 1896: 41; change the reference and page to: 1896b: 15 (Reitter, 1896).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Callisphaena* Motschulsky, 1860g: 127; change the reference to: 1860d: 127 (Motschulsky, 1860d).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Callistenia* Lapouge, 1927: 2; change the reference to: 1929: 2 (Lapouge, 1927, 1929).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Callisthenes* Fischer von Waldheim, 1820: 7; correct the page to: 1820: pl. vii (Fischer von Waldheim, 1820).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Calopachys* Haury, 1880: 164 type species *Calopachys viridissimus* Haury, 1880. The references of Catalogue contains only one article “Haury, 1880”, but *Calopachys* and *C. viridissimus* are described in another article that is not in Catalogue (Haury, 1880).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Carabomimus* H.J. Kolbe, 1895: 57 type species *Calosoma striatulum* Chevrolat, 1835; change the reference of type species to: Chevrolat, 1836 (Chevrolat, 1836). The references of Catalogue contains only one article “Kolbe, 1895”, but *Carabomimus* is described in another article that is not in Catalogue (Kolbe, 1895).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Carabomorphus* H.J. Kolbe, 1895: 57 type species *Carabus brachycerus* Gerstäcker, 1884; change the reference of type species to: Gerstäcker, 1883 (Gerstäcker, 1883). The references of Catalogue contains only one article “Kolbe, 1895”, but *Carabomorphus* is described in another article that is not in Catalogue (Kolbe, 1895).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Carabophanus* H.J. Kolbe, 1895: 57. The references of Catalogue contains only one article “Kolbe, 1895”, but *Carabophanus* is described in another article that is not in Catalogue (Kolbe, 1895).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Carabops* Jakobson, 1900: 261. The references of Catalogue does not contain the article “Jakobson, 1900” describing this taxon (Jakobson, 1900).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Charmosta* Motschulsky, 1866b: 310; change page to: 1866b: 301 (Motschulsky, 1866).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Chrysostigma* Kirby, 1837: 19; change page to: 1837: 18. The diagnosis of the subgenus *Chrysostigma* is fully given on page 18, with page 19 a description of the species of this subgenus begins (Kirby, 1837).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Elgonorites* Jeannel, 1940: 142; change page to: 1940: 139, 141. Description of the subgenus *Elgonorites* is given on two pages: on page 139 the name and type species are given, on page 141 the key of the subgenus of genus *Orinodromus* Kolbe, 1895; on pages 142–143, the key of *Elgonorites* is published (Jeannel, 1940).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Eucalosoma* Breuning, 1927: 147; correct the reference to: 1927c: 147 (Breuning, 1927).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Eutelodontum* Géhin, 1885: xxxiii type species *Calosoma blaptoides* Putzeys, 1845; change the reference of type species to: Putzeys, 1846 (Putzeys, 1846).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Isostenia* Lapouge, 1927: 2 type species *Calosoma wilkesi* LeConte, 1852; change the reference and type species to: Lapouge, 1929: 2 type species *Callisthenes wilkesii* LeConte, 1852 (Lapouge, 1927, 1929; LeConte, 1852).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Mimotefflus* Vuillet, 1910: 103; change

page to: 1910: 104. The references of Catalogue does not contain the article “Vuillet, 1910” describing this taxon (Vuillet, 1910).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Orinodromus* H.J. Kolbe, 1895: 57. The references of Catalogue contains only one article “Kolbe, 1895”, but *Orinodromus* is described in another article that is not in Catalogue (Kolbe, 1895).

p. 64: subgenus *Calosoma* Weber, 1810, synonym *Paracalosoma* Breuning, 1928: 120; change the reference and page to: 1927c: 145. For the first time, the subgenus *Paracalosoma* nov. described in “Tabelle der Subgenera des Genus *Calosoma*” (Breuning, 1927), and his diagnosis is given in the second part of the monograph (Breuning, 1928), which is not in the references of Catalogue.

p. 65: subgenus *Calosoma* Weber, 1810, synonym *Syncalosoma* Breuning, 1927: 144; correct the reference to: 1927c: 144 (Breuning, 1927).

p. 65: subgenus *Calosoma* Weber, 1810, synonym *Tapinosthenes* H.J. Kolbe, 1895: 57; change page to: 1895: 56. The references of Catalogue contains only one article “Kolbe, 1895”, but *Tapinosthenes* is described in another article that is not in Catalogue (Kolbe, 1895).

p. 65: *Calosoma (Calosoma) chinense* Kirby, 1818, synonym *aeneum* Motschulsky, 1859d: 489; change the reference to: 1859b: 489 (Motschulsky, 1859b, d).

p. 66: *Calosoma (Calosoma) inquisitor cyanesceus* Motschulsky, 1859d: 489 (*Callisoma*); change the reference to: 1859b: 489 (Motschulsky, 1859b, d).

p. 67: *Calosoma (Calosoma) investigator* (Illiger, 1798), synonym *caspium* Dejean, 1826: 207; change page to: 1826: 206. The description begins on page 206, where var. *caspium* differs from *Calosoma sericeum* Sturm: “Long. 10

lignes. Larg. 4 3/4 lignes”. On pages 207–208 it was only added that *caspium* is larger than *sericeum* (Dejean, 1826).

p. 70: subgenus *Acoptolabrus* A. Morawitz, 1886, synonym *Yezacoptolabrus* Imura, 2002b: 145 type species *Acoptolabrus gehinii* Fairmaire, 1886; change the reference of synonym and the reference of type species to: Imura, 2002c: 145 and Fairmaire, 1876 (Imura, 2002a, 2002b; Fairmaire, 1876).

p. 91: subgenus *Aulonocarabus* Reitter, 1896, synonym *Baptaulonocarabus* Imura, 2002c: 130 type species *Aulonocarabus truncaticollis* Eschscholtz, 1833; change the genus from *Aulonocarabus* to *Carabus* (Imura, 2002b). Described as *Carabus truncaticollis* (Eschscholtz, 1833).

p. 91: *Carabus (Aulonocarabus) canaliculatus canaliculatus* M.F. Adams, 1812, synonym *penialis* Lapouge, 1913a: 14; correct the reference to: 1913: 14. The references of Catalogue contains only one article “Lapouge, 1913”.

p. 91: *Carabus (Aulonocarabus) gaschkewitschi gaschkewitschi* Motschulsky, 1859d: 489; change the reference to: 1859b: 489 (Motschulsky, 1859b, 1859d).

p. 92: *Carabus (Aulonocarabus) kolymensis kolymensis* Lafer, 1989: 121; change page to: 1989: 111. The species described in the dichotomous key, in two couplets: on page 111 (couplet 20) and on page 121 (couplet 44) (Lafer, 1989).

p. 92: *Carabus (Aulonocarabus) kurilensis kurilensis* Lapouge, 1913a: 15; correct the reference to: 1913: 15. The references of Catalogue contains only one article “Lapouge, 1913”.

p. 95: *Carabus (Carabus) arvensis conciliator* Fischer von Waldheim, 1820, synonym *kamtchaticus* Motschulsky, 1844: 96; change page to: 1844: 98 (Motschulsky, 1844).

p. 94: subgenus *Carabus* Linnaeus, 1758, synonym *Lichnocarabus* Reitter, 1896b: 161

type species *Carabus vinctus* Weber, 1801; change the genus of type species from *Carabus* to *Tachypus*. Described as *Tachypus vinctus* (Weber, 1801).

p. 95: subgenus *Carabus* Linnaeus, 1758, synonym *Parhomopterus* Lapouge, 1924: 41; change the reference and page to: 1930b: 263 (Lapouge, 1924, 1930).

p. 96: *Carabus (Carabus) billbergi billbergi* Mannerheim, 1827, synonym *aequatus* Motschulsky, 1844: 96; correct the name from *aequatus* to *equatus* (Motschulsky, 1844).

p. 97: *Carabus (Carabus) granulatus duarivius* Fischer von Waldheim, 1844, synonym *songaricus* Motschulsky, 1850a: 77; correct the name from *songaricus* to *songoricus* (Motschulsky, 1850).

p. 113: subgenus *Damaster* Kollar, 1836, synonym *Nesocoptolabrus* Lapouge, 1930b: 212 type species *Carabus fruhstorferi* Roeschke, 1900; change the genus of type species from *Carabus* to *Coptolabrus*. Described as *Coptolabrus Fruhstorferi* (Roeschke, 1900).

p. 113: *Carabus (Damaster) blaptoides blaptoides* Kollar, 1836: 333 (*Damaster*); change page to: 1836: 334 (Kollar, 1836).

p. 124: *Carabus (Homoeocarabus) maeander maeander* Fischer von Waldheim, 1820, synonym *lecontei* Géhin, 1885: 27; change page to: 1885: 26 (Géhin, 1885).

p. 124: *Carabus (Homoeocarabus) maeander maeander* Fischer von Waldheim, 1820, synonym *simoni* Heyden, 1879: 163; change page to: 1879: 166 (Heyden, 1879).

p. 139: subgenus *Megodontus* Solier, 1848, synonym *Protomegodontus* Imura, 2002b: 144 type species *Protomegodontus germarii* Sturm, 1815; change the reference and the genus of type species to: Imura, 2002c: 144 type species *Carabus germarii* Sturm, 1815 (Imura, 2002a,

b). Described as *Carabus Germarii* (Sturm, 1815).

p. 141: *Carabus (Megodontus) schoenherri schoenherri* Fischer von Waldheim, 1820: 4; correct page to: 1820: pl. iv (Fischer von Waldheim, 1820).

p. 142: *Carabus (Megodontus) septemcarinatus* Motschulsky, 1840b: 189; change page to: 1840b: 181 (Motschulsky, 1840).

p. 143: *Carabus (Megodontus) vietinghoffii vietinghoffii* M.F. Adams, 1812, synonym *stschegolewi* Poppius, 1906a: 17; change page to: 1906a: 15 (Poppius, 1906).

p. 149: subgenus *Morphocarabus* Géhin, 1876, synonym *Leptinocarabus* Reitter, 1895b: 108 type species *Carabus wulffiusi* A. Morawitz, 1862; change the type species to: *Carabus wulffiusi opacipennis* Reitter, 1895. Reitter has established a new subgenus for the new taxon, *Carabus (Leptinocarabus m.) Wulfinsi* Mor. var. nov. *opacipennis* m. (Reitter, 1895).

p. 149: subgenus *Morphocarabus* Géhin, 1876, synonym *Sajanocarabus* Lutshnik, 1924b: 37 type species *Carabus kozhantschikowi* Lutshnik, 1924; change the name from *kozantschikowi* to *kozantschikovi* (Lutshnik, 1924).

p. 150: *Carabus (Morphocarabus) henningi henningi* Fischer von Waldheim, 1817: 468; change the name from *henningi* to *henningii*, and page to: 1817: 465. Described as *Carabus henningii* (Fischer von Waldheim, 1817).

p. 150: *Carabus (Morphocarabus) hummeli hummeli* Fischer von Waldheim, 1823, synonym *burnaschewi* Dejean, 1826: 57, 483; change the name from *burnaschewi* to *burnaschewii* (Dejean, 1826).

p. 151: *Carabus (Morphocarabus) hummeli smaragdulus* Kraatz, 1878, synonym *purpuripennis* Kraatz, 1886c: 262; change page to: 1886c: 261 (Kraatz, 1886).

p. 151: *Carabus (Morphocarabus) hummeli smaragdulus* Kraatz, 1878, synonym *subauratus* Kraatz, 1886c: 262; change page to: 1886c: 260 (Kraatz, 1886).

p. 151: *Carabus (Morphocarabus) hummeli smaragdulus* Kraatz, 1878, synonym *viridimarginatus* Kraatz, 1886c: 262; change page to: 1886c: 259 (Kraatz, 1886).

p. 151: *Carabus (Morphocarabus) hummeli smaragdulus* Kraatz, 1878, synonym *viridipennis* Kraatz, 1886c: 262; change page to: 1886c: 260 (Kraatz, 1886).

p. 154: *Carabus (Morphocarabus) odoratus chlebnikovae* Obydov, 2005; delete FE, add ES. Only the type series from the “western coast of northern Baikal Lake” is known (Obydov, 2003, 2009).

p. 154: *Carabus (Morphocarabus) odoratus viridilimbatus* Motschulsky, 1859d: 489; change the reference to: 1859b: 489 (Motschulsky, 1859b, d).

p. 196: subgenus *Tomocarabus* Reitter, 1896, synonym *Coreocarabus* Imura, 2002c: 140 type species *Coreocarabus fraterculus* Reitter, 1895; change the genus of type species from *Coreocarabus* to *Carabus* (Imura, 2002b). Described as *Carabus (Eurycarabus) fraterculus* (Reitter, 1895).

p. 196: subgenus *Tomocarabus* Reitter, 1896, synonym *Watanabeocarabus* Imura, 2002c: 141 type species *Watanabeocarabus slovtzovi* Mannerheim, 1849; change the genus of type species from *Watanabeocarabus* to *Carabus* (Imura, 2002b). Described as *Carabus slovtzovii* (Mannerheim, 1849).

p. 199: *Carabus (Trachycarabus) estreicheri* Fischer von Waldheim, 1820: 9; change page to: 1820: pl. xi (Fischer von Waldheim, 1820).

p. 207, 208: genus and subgenus *Cychrus* Fabricius, 1794: 441; change page to: 1794:

440. Diagnoses of the genus *Cychrus* and the species *C. rostratus* L. are given on pages 440–441, on page 441 a description of *C. attenuatus* is given (Fabricius, 1794).

p. 211: *Cychrus (Cychrus) caraboides caraboides* Linnaeus, 1758, synonym *rostratus* Linnaeus, 1760: 2226 (*Tenebrio*); correct page to: 1760: 226 (Linnaeus, 1760).

p. 224: genus *Chaetodera* Jeannel, 1946a: 154; change page to: 1946a: 151. Jeannel on page 151 cites “Subgen. *Chaetodera*, nov.; type: *regalis* Dejean”, on page 152 — the diagnosis of *Chaetodera* nov., on pages 153–154 — the key of the subgenus of genus *Cicindela* (Jeannel, 1946).

p. 224: *Chaetodera laetescripta laetescripta* Motschulsky, 1860c: 88 (*Cicindela*); change the reference to: 1860a: 88 (Motschulsky, 1860a, c).

p. 227: *Cicindela (Cicindela) coerulea nitida* Lichtenstein, 1796, synonym *viridis* Poppius, 1906a: 3; change the reference to: 1908d: 3. In publication, listed in the Catalogue, is missing the *Cicindela viridis* (Poppius, 1906). This taxon listed as *Cicindela tricolor* ab. *viridis* (type locality: “bei Osnatjennaja”) on page 3 in another Poppius’s publication, where listed as nomen nudum (Poppius, 1908).

p. 228: *Cicindela (Cicindela) gemmata gemmata* Faldermann, 1835, synonym *thibetana* Blanchard, 1871: 812; change page to: 1871: 811 (Blanchard, 1871).

p. 231: *Cicindela (Cicindela) restricta spinigera* Eschscholtz, 1829: 4; correct the reference to: 1929b: 4. This taxon is described not in “Erstes Heft” by “Eschscholtz, 1829”, but in “Zweites Heft”, which is not in the references of Catalogue (Eschscholtz, 1829a, b).

p. 250: *Loricera (Loricera) pilicornis pilicornis* Fabricius, 1775: 293 (*Carabus*); change page to: 1775: 243 (Fabricius, 1775).

p. 250: *Diacheila arctica amoena* Faldermann, 1835b: 358 (*Blethisa*); correct the reference to: 1835b: 358 [= Faldermann, 1835a: 22]. Described in two editions of the same work (Faldermann, 1835a, b).

p. 250: *Diacheila arctica amoena* (Faldermann, 1835), synonym *subpolaris* LeConte, 1863b: 2 [= LeConte, 1863a: 2]; correct the reference to: LeConte, 1863b: 2. The description of *Diachila subpolaris* made in one work by LeConte (1863b), in the second publication (LeConte, 1863a) only the name, nomen nudum, is given.

p. 251: *Diacheila polita* Faldermann, 1835b: 360 (*Blethisa*); correct the reference and change page to: *polita* Faldermann, 1835b: 359 [= Faldermann, 1835a: 23]. Described in two editions of the same work (Faldermann, 1835a, b).

p. 251: *Elaphrus (Elaphroterus) angusticollis angusticollis* R.F. Sahlberg, 1844, synonym *angustatus* Chaudoir, 1850b: 161; change the name from *angustatus* to *angustus* (Chaudoir, 1850).

p. 254: genus and subgenus *Clivina* Latreille, 1802: 96 type species *Scarites arenarius* Fabricius, 1771; change the reference of type species to: Fabricius, 1792 (Fabricius, 1792).

p. 268: *Dyschirius (Dyschiriodes) politus politus* (Dejean, 1825), synonym *stronczynskii* Weissberg, 1924: 47; correct page to: 1924: 47 [7]. The pages in the 2nd issue of “Annales Zoologici Musei Polonici Historiae Naturalis” are duplicated — regular and in square brackets (Weissberg, 1924).

p. 276: *Scarites (Parallelomorphus) laevigatus* Fabricius, 1792: 304; change page to: 1792: 95 (Fabricius, 1792).

p. 298: *Bembidion (Asioperyphus) semilunium semilunium* Netolitzky, 1914, synonym *muchi* Jedlička, 1961c: 157; correct the reference to: Jedlička, 1961c: 157 [= Jedlička, 1965e:

122]. *Bembidion (Peryphus) muchei* sp. n. is described by Jedlička in two different publications (Jedlička, 1961, 1965).

p. 299: *Bembidion (Bembidion) quadrimaculatum quadrimaculatum* (Linnaeus, 1760), synonym *subglobosum* P. Rossi, 1792: 102; change the reference to: 1794: 102. *Carabus subglobosus* described in volume 2 of the “Mantissa insectorum ...”, and not in volume 1 as indicated in the Catalogue (Rossi, 1792, 1794).

p. 303: *Bembidion (Bracteon) argenteolum* Ahrens, 1812, synonym *azureum* Gebler, 1833: 276 (*Peryphus*); change the name from *Peryphus* to *Bembidion*. Described as *Bembidium azureum* (Gebler, 1833).

p. 305: subgenus *Desarmatocillen* Netolitzky, 1939, synonym *Corallicillen* Uéno, 1954b: 43; correct the reference to: 1954b: 43 [= Uéno, 1955g: 189 [347]]. The date of description of this taxon is controversial: in a 1954 publication in Japanese, Uéno wrote *Corallicillen* in press. (Uéno, 1954: 43), and in a 1955 publication in English, *Corallicillen* nov. (Uéno, 1955a: 189 [347]). As far as one can judge, Uéno himself did not plan to describe the new taxon in a 1954 publication.

p. 305: subgenus *Desarmatocillen* Netolitzky, 1939, synonym *Novicillen* Uéno & Habu, 1954: 42; correct the reference to: 1954b: 42 [= Uéno, 1955g: 189 [347]]. The date of description of this taxon is controversial: in a 1954 publication in Japanese, Uéno wrote *Novicillen* in press. (Uéno, 1954: 42), and in a 1955 publication in English, *Novicillen* nov. (Uéno, 1955a: 189 [347]). As far as one can judge, Uéno himself did not plan to describe the new taxon in a 1954 publication.

p. 305: *Bembidion (Desarmatocillen) aestuarii* Uéno & Habu, 1954: 42 (*Armatocillenus*); correct the reference to: 1954b: 42 [= Uéno, 1955g: 189 [347]]. The date of description of this species is controversial: in a 1954 publication in Japanese, Uéno gave a brief de-



scription of the species and its name *Armatocillenus aestuarii* in press. (Uéno, 1954: 42), and in a 1955 publication in English, a detailed description, illustrations, and the name *Armatocillenus aestuarii* S. Uéno et Habu, sp. nov. (Uéno, 1955a: 189–192 [347–350], Figs. 9–10). As far as one can judge, Uéno himself did not plan to describe the new taxon in a 1954 publication.

p. 305: *Bembidion* (*Desarmatocillenus*) *tsutsuii* Uéno, 1954b: 43 (*Armatocillenus*); correct the reference to: Uéno, 1954b: 43 [= Uéno, 1955h: 406]. The date of description of this species is controversial: in a 1954 publication in Japanese, Uéno gave a brief description of the species and its name *Armatocillenus tsutsuii* in press. (Uéno, 1954: 43), and in a 1955 publication in English, a detailed description, illustrations, and the name *Armatocillenus tsutsuii* S. Uéno, sp. nov. (Uéno, 1955b: 406–408, Figs. 2–4). As far as one can judge, Uéno himself did not plan to describe the new taxon in a 1954 publication.

p. 306: *Bembidion* (*Emphanes*) *minimum* (Fabricius, 1792); delete FE. No published data from the Far East of Russia.

p. 308: subgenus *Hirmoplataphus* Netolitzky, 1943b: 107; change the reference to: 1942: 46. Both Netolitzky's publications are parts of one work. In the first part, he established *Hirmoplataphus* in the key, and in the second part, he gave the diagnosis of this subgenus (Netolitzky, 1942, 1943).

p. 310: subgenus *Melomalus* Casey, 1918: 37 type species *Bembidion planatum* LeConte, 1848; correct the reference Casey's and change the type species to: Casey, 1918a: 37 type species *Ochthedromus planatus* LeConte, 1848 (Casey, 1918a; LeConte, 1848).

p. 314: subgenus *Notaphocampa* Netolitzky, 1914, synonym *Notaphomimus* Netolitzky, 1931c: 175 type species *Bembidion sobrinum* Boheman, 1848 (= *Bembidium opulentum* Niet-

ner, 1858); change the type species to: *Bembidion opulentum* Nietner, 1858 (= *Bembidion foveolatum* Dejean, 1831). The type species of Netolitzky is *B. opulentum*: "In den "Entologischen Blättern" (1914, S. 167) hatte ich gesagt, dass *B. opulentum* Nietn. zu *Notaphocampa* gehört ... Nachdem ich jetzt ein reichlicheres Material besitze, erhebe ich *B. opulentum* zum Typus einer neuen Untergattung, die *Notaphomimus* heissen soll." (Netolitzky, 1931: 175). *B. opulentum* and *B. sobrinum* are junior synonyms of *B. foveolatum* in the Catalogue (Margi et al., 2017).

p. 315: subgenus *Ocydromus* Clairville, 1806: 20; change page to: 1806: pl. 1. The description of "Gattung *Ocydromus*" begins with Taf. I, which is located between pages 16 and 17, and the description text is located on pages 17–19; on page 20 begins the diagnosis of *Ocydromus modestus* Fabr. (Clairville, 1806).

p. 316: *Bembidion* (*Ocydromus*) *dolorosum* Motschulsky, 1850a: 9 (*Peryphus*); change the reference to: 1860a: 89. See: *Peryphus dolorosus* Motschulsky, 1850a: 9, nomen nudum, type locality: "Ins. Kuril. Urupa"; described as *Peryphus dolorosus* Motschulsky, 1860a: 89, type locality: "sur l'île Ouroup, une des îles Kourilles qui fait la frontière entre la Russie et le Japon" (Motschulsky, 1850, 1860a).

p. 316: *Bembidion* (*Ocydromus*) *grapii* Gyllenhal, 1827, synonym *nitens* LeConte, 1857: 10 (*Bembidion*); change the genus from *Bembidion* to *Ochthedromus*. In the references of Catalogue are two LeConte's publications of 1857, "1857a" and "1857b", but the description of *Ochthedromus nitens* is given in another work that is not in the Catalogue (LeConte, 1857).

p. 316: *Bembidion* (*Ocydromus*) *grapii* Gyllenhal, 1827, synonym *nitiduloides* Munster, 1930: 354; correct the reference to: 1930b: 354 (Munster, 1930).

p. 317: Add the following: *Bembidion* (*Ocydromus*) *negrei* Habu, 1958, synonym *kuznets-*

ovi Lafer, 2002: 45 (*Bembidion*). Described by Lafer from “Kuril Islands: Kunashir Is., the caldera of Golovnin’s Volcano” (Lafer, 2002); synonymy established by Morita (2010: 14).

p. 328: *Bembidion (Peryphus) petrosum* Gebler, 1833, synonym *subinflatum* Motschulsky, 1859c: 126; change the reference to: 1859a: 126 (Motschulsky, 1859a, c).

p. 334: subgenus *Sakagutia* Uéno, 1954b: 41; correct the reference and page to: Uéno, 1954b: 42 [=Uéno, 1955g: 185 [343]]. The date of description of this taxon is controversial: in a 1954 publication in Japanese, Uéno wrote *Sakagutia* in press. (Uéno, 1954: 42), and in a 1955 publication in English, *Sakagutia* nov. (Uéno, 1955a: 185 [343]). As far as one can judge, Uéno himself did not plan to describe the new taxon in a 1954 publication.

p. 334: *Bembidion (Sakagutia) umi* Sasakawa, 2007, synonym *marina* Uéno, 1954b: 42; correct the reference to: Uéno, 1954b: 42 [=Uéno, 1955g: 186 [344]]. The date of description of this species is controversial: in a 1954 publication in Japanese, Uéno gave a brief description of the species and its name *Sakagutia marina* in press. (Uéno, 1954: 42), and in a 1955 publication in English, a detailed description, illustrations, and the name *Sakagutia marina* S. Uéno, sp. nov. (Uéno, 1955a: 186–187 [344–345], Figs. 7, 8). As far as one can judge, Uéno himself did not plan to describe the new taxon in a 1954 publication.

p. 340: subgenus *Pseudolimnaeum* Kraatz, 1888: 366; change page to: 1888: 365. In the article it is impossible to separate the description of the genus *Pseudolimnaeum* and the species *P. eichhoffii* Kraatz, 1888: 365, their diagnoses alternate (Kraatz, 1888).

p. 344: genus *Polyderis* Motschulsky, 1862c: 27 type species *Tachys brevicornis* Chaudoir, 1846; change the genus from *Tachys* to *Bembidion*. Described as *Bembidium (Tachys) brevicorne* (Chaudoir, 1846).

p. 344: genus *Polyderis* Motschulsky, 1862, synonym *Limnastinus* Schatzmayr, 1936a: 59 type species *Limnastes sinaiticus* Schatzmayr, 1936; correct the type species to: *Limnastes sinaiticus* Schatzmayr, 1936 (= *Tachys brevicornis* Chaudoir, 1846). In the Catalogue, *L. sinaiticus* is the junior synonym for *T. brevicornis* (Kopecký, 2017).

p. 344: genus *Polyderis* Motschulsky, 1862, synonym *Microtachys* Casey, 1918d: 210; change the reference to: 1918a: 210 (Casey, 1918a, 1918b).

p. 354: subgenus *Paratachys* Casey, 1918d: 174; change the reference to: 1918a: 174 (Casey, 1918a, b).

p. 346: *Tachys (Paratachys) micros* (Fischer von Waldheim, 1828), synonym *exiguus* R.F. Sahlberg, 1844: 54 (*Tachys*); change the genus from *Tachys* to *Bembidion*. Described as *Bembidium exiguum* (Sahlberg, 1844).

p. 455: *Eotrechodes larissae* Uéno, Lafer & Sundukov, 1995; add ES. Location: Bol’shie Koty, the shore of Lake Baikal, Irkutskaya oblast’ (Shilenkov, Anichtchenko, 2008).

p. 484: *Chlaenius (Agostenus) costulatus* Motschulsky, 1859d: 488 (*Agostenus*); change the reference to: 1859b: 488 (Motschulsky, 1859b, d).

p. 484: *Chlaenius (Agostenus) sulcicollis* (Paykull, 1798), synonym *gebleri* Ganglbauer, 1891a: 390; change page to: 1891a: 391 (Ganglbauer, 1891).

p. 489: subgenus *Chlaenites* Motschulsky, 1860e: 515; change the reference to: 1860b: 515 (Motschulsky, 1860b). The publication “Motschulsky, 1860e” is not in the references of Catalogue.

p. 489: Add the following: *Chlaenius (Chlaenites) spoliatus motschulskyi* Andrewes, 1928, synonym *nicanus* Bates, 1873a: 249

(*Chlaenius*). The name *Chlaenius* (*Chlaenites*) *spoliatus* var. *motchulskyi* proposed as a new replacement name for *Chlaenites nicanus* Motschulsky sensu Bates, 1873, sensu Chaudoir, 1876 (Andrewes, 1928: 12–13). That is, for specimens from Japan that were mistakenly identified by Bates (1873: 249) and by Chaudoir (1876: 88) as *Chlaenites nicanus* Motschulsky, 1865: 346 (Type locality: “Hong-Kong”, China). Thus, the name *Chlaenius spoliatus* var. *nicanus* (Type locality: “Osaka”, Japan) proposed by Bates is preoccupied by *Chlaenites nicanus* Motschulsky, 1865 and should be considered as a junior synonym for *Chlaenius* (*Chlaenites*) *spoliatus motchulskyi* Andrewes, 1928.

p. 490: *Chlaenius* (*Chlaenius*) *lineellus* Motschulsky, 1859d: 488; change the reference to: 1859b: 488 (Motschulsky, 1859b, d).

p. 520: subgenus *Harpalus* Latreille, 1802, synonym *Baeticoharpalus* J. Serrano & Lecina, 2009: 194; change the author’s name from “Lecina” to “Lencina” (Serrano, Lencina, 2009).

p. 528: *Harpalus* (*Harpalus*) *ebeninus* Heyden, 1870, synonym *cardiaderus* Putzeys, 1872d: lxxi; change the name from *cardiaderus* to *cardioderus*. Described as *Harpalus cardiaderus* (Putzeys, 1872).

p. 528: *Harpalus* (*Harpalus*) *froelichii* Sturm, 1818, synonym *rivularis* Motschulsky, 1860e: 514; change the reference to: Motschulsky, 1860b: 514 [= Motschulsky, 1860: 410]. Firstly, the publication “Motschulsky, 1860e” is absent in the Catalogue, and *Harpalus* (*Platus*) *rivularis* is described in “1860b” in accordance with the references in the Catalogue (Motschulsky, 1860b). Secondly, the work “Motschulsky, 1860b” was published twice: in “*Bulletin de l’Académie Impériale des Sciences de St.-Petersbourg* 2: 513–543” (available in Catalogue), and in “*Mélanges Biologiques tirés du Bulletin de l’Académie des Sciences de St.-Petersbourg* 3 [1857–1861]: 408–452” (not in Catalogue) (Motschulsky, 1860b, e).

p. 528: *Harpalus* (*Harpalus*) *fuscipalpis* (Sturm, 1818); add FE. Location: Magadan-skaya oblast’ (Lafer, 1989: 187).

p. 532: *Harpalus* (*Harpalus*) *lopezi* J. Serrano & Lecina, 2009: 195; change the author’s name from “Lecina” to “Lencina” (Serrano, Lencina, 2009).

p. 535: *Harpalus* (*Harpalus*) *rubripes* (Duftschmid, 1812), synonym *alpestris* L. Redtenbacher, 1849: 100; change the reference to: 1847: 100. In the references of Catalogue is not publication “Redtenbacher, 1849”, and a description of *Harpalus alpestris* made in 1847 from the references of Catalogue (Redtenbacher, 1847).

p. 539: *Harpalus* (*Harpalus*) *viridanus viridanus* Motschulsky, 1844, synonym *przewalskyi* Tschitschérine, 1894c: 26; change page to: 1894c: 260 (Tschitschérine, 1894).

p. 540: *Harpalus* (*Loboharpalus*) *rubefactus rubefactus* Bates, 1873, synonym *lobipes* Tschitschérine, 1898f: 323; change the reference to: 1899d: 323. An article describing *Harpalus lobipes* was published in 1899 (Tschitschérine, 1899).

p. 558: subgenus *Iridessus* Bates, 1883, synonym *Argestes* LeConte, 1849: 26. There is no publication “LeConte, 1849” in the references of Catalogue (LeConte, 1849).

p. 568: subgenus *Tachycellus* A. Morawitz, 1862a: 261 [= A. Morawitz, 1862b: 223] type species *Tachycellus curtulus* Motschulsky, 1860; change the type species to: *Tachycellus curtulus* A. Morawitz, 1862 (= *Stenolophus curtulus* Motschulsky, 1860) (see next post).

p. 568: Add the following: *Bradycellus* (*Tachycellus*) *curtulus* (Motschulsky, 1860), synonym *curtulus* A. Morawitz, 1862a: 262 [= A. Morawitz, 1862b: 223] (*Tachycellus*). Described by Morawitz as an independent species, *Tachycellus curtulus*, without mentioning the Mo-

chulsky's taxon; type locality: "Amur, an der Mündung des Sungari" (Morawitz, 1862a, b); preoccupied name for *Stenolophus curtulus* Motschulsky, 1860.

p. 569: *Bradycellus (Tachycellus) subditus* (Lewis, 1879), synonym *kuznetzovi* Lafer, 1989: 200; change page to: 1989: 201. Described in a key, the thesis beginning on page 200, but the name of the species, the type material and the type locality appearing only on page 201 (Lafer, 1989).

p. 583: subgenus *Cymindis* Latreille, 1805, synonym *Anomoeus* Fischer von Waldheim, 1820: 12; correct page to: 1820: pl. xii (Fischer von Waldheim, 1820).

p. 587: *Cymindis (Cymindis) lineata* Quensel, 1806, synonym *dorsalis* Fischer von Waldheim, 1820: 12 (*Anomoeus*); correct page to: 1820: pl. xii (Fischer von Waldheim, 1820).

p. 590: *Cymindis (Orientoberus) daimio* Bates, 1873, synonym *tschitscherini* Semenov, 1896b: 331 (*Cymindis*); change the reference to: Semenov, 1895a: 126 [= Semenov, 1896b: 331]. Both articles are published in volume 29 of "Horae Societatis Entomologicae Rossicae" and may be a continuation of each other. The original description of *Cymindis (Menas) Tschitscherini* sp. n. was given in 1895a, and in article 1896b, Semenov included this species in the key, repeated the material and the type locality (Semenov, 1895, 1896).

p. 611, 613: genus and subgenus *Lebia* Latreille, 1802: 85 type species *Carabus haemorrhoidalis* Fabricius, 1792; change the reference to: Fabricius, 1787 (Fabricius, 1787, 1792).

p. 613: subgenus *Lebia* Latreille, 1802, synonym *Aphelogenia* Chaudoir, 1871c: 156 type species *Carabus vittatus* Fabricius, 1801; change the reference to: Fabricius, 1777 (Fabricius, 1777, 1801).

p. 613: subgenus *Lebia* Latreille, 1802, synonym *Lia* Eschscholtz, 1829: 7; change the

reference to: 1829b: 7. The genus *Lia* is not described in "Erstes Heft" by Eschscholtz, 1829, but in "Zweites Heft", which is not in the references of Catalogue (Eschscholtz, 1829a, b).

p. 614: *Lebia (Lebia) cruxminor cruxminor* (Linnaeus, 1758), synonym *errata* P. Rossi, 1790: 91 (*Carabus*); change the reference to: 1792: 91 (Rossi, 1790, 1792).

p. 618: genus *Parena* Motschulsky, 1860f: 31 type species *Parena bicolor* Motschulsky, 1859; change the references of genus and type species to: 1860c: 31 type species *Parena bicolor* Motschulsky, 1860 (Motschulsky, 1860c).

p. 618: genus *Parena* Motschulsky, 1860, synonym *Crossoglossa* Chaudoir, 1873b: 177 type species *Crossoglossa testacea* Chaudoir, 1872; change the reference of type species to: Chaudoir, 1873 (Chaudoir, 1873).

p. 618: genus *Parena* Motschulsky, 1860, synonym *Umgenia* Péringuey, 1896a: 324 type species *Umgenia formidulosa* Péringuey, 1896; change the references of genus and type species to: 1898: 324 type species *Umgenia formidulosa* Péringuey, 1898 (Péringuey, 1896, 1898).

p. 618: *Parena bicolor* Motschulsky, 1860f: 32; change the reference to: 1860c: 32 (Motschulsky, 1860c).

p. 625, 626: genus and subgenus *Diplocheila* Brullé, 1837a: 407; change the reference to: 1835a: 407 (Brullé, 1835, 1837).

p. 626: *Diplocheila (Submera) zeelandica* L. Redtenbacher, 1868: 5 (*Rembus*); change page to: 1868: 10 (Redtenbacher, 1868).

p. 630: *Licinus (Licinus) silphoides* (P. Rossi, 1790), synonym *pilosus* Fischer von Waldheim, 1817: 468 (*Scales*); change page to: 1817: pl. xvi. *Scales pilosus* is not mentioned in the text; it is depicted and signed only on Tab. XVI, B (Fischer von Waldheim, 1817).

p. 631: subgenus *Tricholicinus* Poppius, 1912, synonym *Martyr* Semenov & Znojko,

1929a: 178 type species *Martyr praeteritorum* Semenov & Znojko, 1929; correct the type species to: *Martyr praeteritorum* Semenov & Znojko, 1929 (= *Derostichus setosus* J.R. Sahlberg, 1880). In the Catalogue, *M. praeteritorum* is a junior synonym for *Licinus setosus* (J.R. Sahlberg, 1880) (Huber, Marggi, 2017).

p. 642: subgenus *Agonum* Bonelli, 1810, synonym *Liebherrius* Shilenkov, 1995: 115; change page to: 1995: 116 (Shilenkov, 1995).

p. 643: subgenus *Agonum* Bonelli, 1810, synonym *Megalonychus* Chaudoir, 1843: 418; correct the reference to: 1843a: 418 (Chaudoir, 1843). Note: On page 662 of the Catalogue the same taxon is given as an independent genus *Megalonychus* Chaudoir, 1843a: 418 with three species (Schmidt, 2017).

p. 645: *Agonum (Europhilus) exaratum* (Mannerheim, 1853), synonym *aldanicum* Poppius, 1906a: 37 (*Platynus*); change page to: 1906a: 36 (Poppius, 1906).

p. 647: subgenus *Olisares* Motschulsky, 1865: 327; change page to: 1865: 326 (Motschulsky, 1865).

p. 648: *Agonum (Olisares) sexpunctatum* (Linnaeus, 1758), synonym *auraticolle* Westhoff, 1881: 21 (*Agonum*); change the name from *auraticolle* to *auratocolle*, and change the genus from *Agonum* to *Platynus*. Described as *Platynus (Agonum) 6-punctatus* var. *auratocollis* (Westhoff, 1881).

p. 664: genus *Olisthopus* Dejean, 1828: 176 type species *Carabus rotundatus* Paykull, 1798; change the reference to: Paykull, 1790 (Paykull, 1790, 1798).

p. 665: *Olisthopus rotundatus rotundatus* Paykull, 1790, synonym *rotundicollis* Marsham, 1802: 171 (*Carabus*); change page to: 1802: 471 (Marsham, 1802).

p. 666: genus *Platynus* Bonelli, 1810: tab. syn. type species *Platynus complanatus* De-

jean, 1831; change the reference to: Dejean, 1828 (Dejean, 1828).

p. 671: genus *Xestagonum* Habu, 1978, synonym *Deuveius* Morvan, 1998: 16 type species *Deuveius deuvei* Morvan, 1998; correct the type species to: *Deuveius deuvei* Morvan, 1998 (= *Xestagonum thierryi* J. Schmidt, 2001). In the Catalogue, *D. deuvei* is a junior synonym for *X. thierryi* (Schmidt, 2017).

p. 671: genus *Xestagonum* Habu, 1978, synonym *Polychaetagonum* Kryzhanovskij, 1993: 299 type species *Polychaetagonum plurisetosum* Kryzhanovskij, 1993; change to: *Polychaetagonum* Kryzhanovskij, 1994: 299 type species *Polychaetagonum plurisetosum* Kryzhanovskij, 1994 (= *Colpodes meyeri* Jedlička, 1934). Kryzhanovskij's article was published in 1994, and in the Catalogue, *P. plurisetosum* is a junior synonym for *C. meyeri* (Kryzhanovskij, 1994; Schmidt, 2017).

p. 674: *Xestagonum meyeri* Jedlička, 1934d: 181, 196 (*Xestagonum*); change the genus from *Xestagonum* to *Colpodes*. Described as *Colpodes Meyeri* sp. n. (Jedlička, 1934).

p. 679: *Sericoda quadripunctata* (De Geer, 1774), synonym *ambigua* Mäklin, 1857: 339 (*Anchomenus*); change the reference to: Mäklin, 1855: 36 [= Mäklin, 1857: 339]. The 1857 publication is a translation from Swedish to German, dated 1855 (Mäklin, 1855, 1857).

p. 693: *Poecilus (Derus) samojedorum* (J.R. Sahlberg, 1880), synonym *gracilentus* Poppius, 1904: 4 (*Pterostichus*); change the reference to: 1905a: 4. In the article "Poppius, 1904" there are no Carabidae, and *Pterostichus (Derulus) samojedorum* var. *gracilentus* is described in "Poppius, 1905a" according to the references of Catalogue (Poppius, 1904, 1905).

p. 693: subgenus *Poecilus* Bonelli, 1810, synonym *Parapoecilus* Jeannel, 1942: 746; change page to: 1942: 745. The description of the new subgenus begins on page 745, where

Jeannel cited “Subgen. *Parapoecilus*, nov.<sup>(1)</sup>; type: *dimidialis* Ol.” and link text <sup>(1)</sup>; on page 746 the key to subgenus of the genus *Poecilus* is given (Jeannel, 1942).

p. 697: *Poecilus (Poecilus) versicolor* (Sturm, 1824), synonym *medius* Dejean, 1828: 209 (*Poecilus*); change the genus from *Poecilus* to *Feronia*. Described as *Feronia (Poecilus) cuprea* var. *medius* (Dejean, 1828).

p. 701: subgenus *Bothriopterus* Chaudoir, 1835, synonym *Dysidius* Chaudoir, 1838: 14; change page to: 1838: 8. The description of *Dysidius* on page 8 of the key is given, on page 14 only the phrase is written: “1 espèce: *Oma-seus morosus*” (Chaudoir, 1838).

p. 704: subgenus *Cryobius* Chaudoir, 1838, synonym *Euhaptoderus* Jeanne, 1969a: 1; change page to: 1969a: 33 (Jeanne, 1969).

p. 704: subgenus *Cryobius* Chaudoir, 1838, synonym *Iberoderus* Jeanne, 1969a: 2 type species *Feronia nemoralis* Graëlls, 1851; change page and genus of type species to: 1969a: 34 type species *Argutor nemoralis* Graëlls, 1851; described as *Argutor nemoralis* (Graëlls, 1851; Jeanne, 1969).

p. 708: *Pterostichus (Cryobius) middendorffi middendorffi* J.R. Sahlberg, 1875: 103 (*Feronia*); change page to: 1875: 102 (Sahlberg, 1875).

p. 717: *Pterostichus (Lenapterus) cancellatus* (Motschulsky, 1860), synonym *rufipes* Motschulsky, 1859e: 539 [= Motschulsky, 1859f: 222]; change the reference to: Motschulsky, 1859c: 539 [= Motschulsky, 1859d: 222] (Motschulsky, 1859c, d, e).

p. 731: *Pterostichus (Petrophilus) eximius* A. Morawitz, 1862, synonym *punctatostriatus* Motschulsky, 1859e: 540 [= Motschulsky, 1859f: 223]; change the reference to: Motschulsky, 1859c: 540 [= Motschulsky, 1859d: 223] (Motschulsky, 1859c, d, e).

p. 734: *Pterostichus (Phonias) morawitzianus* (Lutshnik, 1922), synonym *kultukus* Jedlička, 1958d: 238; correct the reference to: Jedlička, 1958d: 238 [= Jedlička, 1960b: 592]. *Pterostichus (Argutor) kultukus* sp. n. is described by Jedlička in two different publications (Jedlička, 1958, 1960).

p. 741: *Pterostichus (Pterostichus) fasciatopunctatus fasciatopunctatus* Creutzer, 1799: 4 (*Carabus*); change page to: 1799: 111. The text of Creutzer’s book begins only on page 9, pages 1–8 – these are titles and introduction; if consider the third part of the book “III. Novae Insectorum species. Decuriae duae” as a separate publication, the description of *Carabus fasciatopunctatus* is on pages 5–6 (according to the numbering of the book, this is pp. 111–112) (Creutzer, 1799).

p. 749: genus *Stereocerus* Kirby, 1837, synonym *Boreobia* Tschitschérine, 1896c: 373; change page to: 1896c: 375. The description and discussion about *Boreobia* m. itself begins on page 375 and ends on page 376, on page 373 *Feronia (Boreobia) imitatrix* sp. nov. is described, but not a word is said about the new subgenus (Tschitschérine, 1896).

p. 791: subgenus *Synuchus* Gyllenhal, 1810, synonym *Parcalathus* Jedlička, 1953a: 105; change the reference to: Jedlička, 1940: 2. The genus *Parcalathus* n. g. described in the key in 1940; in the publication “Jedlička, 1953a” *Parcalathus* is listed as the previously described taxon, *Parcalathus* Jedl., but the type species of the genus, *P. testaceus* Jedlička, 1940, is established in this article (Jedlička, 1940, 1953).

p. 795: subgenus *Amara* Bonelli, 1810, synonym *Pseudoamara* Baliani, 1934c: 190; delete. This taxon is listed twice in the Catalogue: on page 795 as a junior synonym for subgenus *Amara* and on page 823 as a valid subgenus with 4 species (Hieke, 2017).

p. 795: *Amara (Amara) aeneola* Poppius, 1906, synonym *hammarstroemi* Poppius, 1908:

17 (*Amara*); correct the reference to: 1908d: 17 (Poppius, 1908).

p. 796: *Amara (Amara) communis* (Panzer, 1796), synonym *dalei* Rylands, 1841: 216 (*Amara*); change the name from *dalei* to *dalii*. Described as *Amara Dalii* (Rylands, 1841).

p. 801: *Amara (Amara) similata* (Gyllenhal, 1810), synonym *obsoleta* Duftschmid, 1812: 117 (*Carabus*); change page to: 1812: 116 (Duftschmid, 1812).

p. 801: *Amara (Amarocelia) erratica* (Duftschmid, 1812), synonym *obscuricornis* Motschulsky, 1859e: 540 [= Motschulsky, 1859f: 223] (*Amara*); change the reference to: Motschulsky, 1859c: 540 [= Motschulsky, 1859d: 223] (Motschulsky, 1859c, d, e).

p. 801: *Amara (Amarocelia) erratica* (Duftschmid, 1812), synonym *septentrionalis* Schiødte, 1837: 169 (*Amara*); change page to: 1837: 170 (Schiødte, 1837).

p. 802: *Amara (Amarocelia) interstitialis* Dejean, 1828, synonym *punctatostriata* Motschulsky, 1860c: 95 (*Amarocelia*); change the reference, page and genus to: Motschulsky, 1860a: 96 (*Amara*). Described as *Amara punctato-striata* (Motschulsky, 1860a, c).

p. 802: *Amara (Amarocelia) transberingiensis* Hieke, 2002; add ES. Locations: “Im Nordosten der Paläarktis in der Tschuktschen-Region, Jakutien, und an der N.-Küste von O. Sibirien westwärts bis zur Halbinsel Tajmyr an der Mündung des Jenissej” (Hieke, 2002).

p. 802: subgenus *Amathitis* C. Zimmermann, 1832, synonym *Phobophorus* Motschulsky, 1850: 24 type species *Phobophorus paccatus* Motschulsky, 1859 (= *abdominalis* Motschulsky, 1844); change to: *Phobophorus* Motschulsky, 1850a: vii type species *Phobophorus paccatus* Motschulsky, 1850 (= *Bradytus abdominalis* Motschulsky, 1844). *Phobophorus* is described by Motschulsky in the key on page vii,

on page 24 only the names of the genus and one species included in it is given — *Ph. paccatus* (Motschulsky, 1850).

p. 802: *Amara (Amathitis) abdominalis* (Motschulsky, 1844), synonym *paccata* Motschulsky, 1859: 24 (*Phobophorus*); change the reference to: 1850a: 24. *Phobophorus paccatus* is the only species of *Phobophorus* Motschulsky, 1850, but is cited by Motschulsky as nomen nudum (Motschulsky, 1850). Nevertheless, the name is valid, since the morphological characteristic of the genus *Phobophorus* is given for a single female of *Ph. paccatus*, subsequently fixed as a holotype of this species (Kataev, 2014; Motschulsky, 1850).

p. 806: *Amara (Bradytus) apricaria* (Paykull, 1790); delete FE. There are no records of this species from the Russian Far East.

p. 806: Delete the species *Amara (Bradytus) balangshana* Hieke, 1994: 301. This species appears in the Catalogue again on page 823 as *Amara (Pseudocelia) balangshana* Hieke, 1994: 301 (Hieke, 2017). *A. balangshana* Hieke, 1994 was described in the subgenus *Bradytus* Stephens, 1827, but was later transferred by F. Hieke to the subgenus *Pseudocelia* Lutshnik, 1935 and indicated in this subgenus (Hieke, 1994, 2005, 2014).

p. 807: *Amara (Bradytus) irkutensis* Baliani, 1934; delete FE. There are no records of this species from the Russian Far East.

p. 808: subgenus *Celia* C. Zimmermann, 1832, synonym *Embrikiella* Lutshnik, 1935a: 265 type species *Amara kachowskyi* Lutshnik, 1935; change the name from *kachowskyi* to *kachovskyi*. Described as *Amara (Embrikiella) Kachovskyi* sp. n. (Lutshnik, 1935).

p. 810: *Amara (Celia) praetermissa* (C.R. Sahlberg, 1827), synonym *grandicollis* C. Zimmermann, 1832a: 29 (*Amara*); change the name from *Amara* to *Celia*. Described as *Celia grandicollia* (Zimmermann, 1832).

p. 810: *Amara (Celia) rupicola* C. Zimmermann, 1832a: 26 (*Amara*); change the name from *Amara* to *Celia*. Described as *Celiarupicola* (Zimmermann, 1832).

p. 810: *Amara (Celia) rupicola* (C. Zimmermann, 1832); add FE. Location: Amurskaya oblast' (Lafer, 1989: 169).

p. 810: *Amara (Amara) saginata vilis* Tschitschérine, 1894, synonym *sibiricola* Lutshnik, 1934a: 21 (*Amara*); change page to: 1934a: 20 (Lutshnik, 1934).

p. 811: subgenus *Curtonotus* Stephens, 1827, synonym *Paracyrtonotus* Baliani, 1943: 48 type species *Amara mixta* Baliani, 1943; correct the type species to: *Amara mixta* Baliani, 1943 (= *Amara peculiaris* Tschitschérine, 1894). In the Catalogue, *A. mixta* is a junior synonym for *A. peculiaris* (Hieke, 2017).

p. 816: *Amara (Curtonotus) tumida tumida* A. Morawitz, 1862, synonym *tibialis* Motschulsky, 1844: 343 (*Leirus*); change the reference to: 1845b: 343 (Motschulsky, 1844, 1845).

p. 816: *Amara (Curtonotus) tumida tumida* A. Morawitz, 1862; add FE. Locations: *Leirus tibialis* Motschulsky, 1845 (= *A. tumida tumida* A. Morawitz, 1862), type locality: “du Kamtschatka” (Motschulsky, 1845); Chukotka, Magadanskaya oblast', Khabarovskiy krai, Amurskaya oblast' (Lafer, 1989; Rogatnykh, 2009).

p. 824: subgenus *Reductocelia* Lafer, 1989: 166; change page to: 1989: 165 (Lafer, 1989).

### Corrections and addition to the references

p. 968: Add the reference: “Breuning S. von. 1928: Monographie der Gattung *Calosoma* Web. (Col. Carab.). II. Teil. *Wiener Entomologische Zeitung* 44: 81–141”. From this publication in the Catalogue is given: subgenus *Calosoma* Weber, 1810, synonym *Paracalosoma* Breun-

ing, 1928: 120 (Breuning, 1928).

p. 973: Correct the reference “Brüggemann, 1873”: change page from “411–524” to “441–524” (Brüggemann, 1873).

p. 988: Correct the reference “Chaudoir, 1850b”: 1) Change from “23(3)” to “23(2)” (Chaudoir, 1850b); 2) The work is cited incorrectly in the references of Catalogue. The article consists of 7 parts: I. Notice sur les *Cymindis* de la Russie (p. 62–100); II. Notice sur les *Anchomenus* de la Russie (p. 100–130); III. Espèces nouvelles du genre *Feronia* Dejean (p. 130–148); IV. Trois espèces nouvelles du groupe des Amaroides (p. 148–152); V. Espèces nouvelles des genres *Carabus*, *Callisthenes*, *Nebria*, *Elaphrus* et *Notiophilus* de la Russie (p. 152–164); VI. Espèces nouvelles de Tréchides et de Subulipalpes de la Russie (p. 164–191); VII. Notice sur les espèces de *Dyschirius* de la Russie (p. 191–206). Correct citation of either the general title of the work “Chaudoir M. de 1850b: Supplément à la faune des carabiques de la Russie. *Bulletin de la Société Impériale des Naturalistes de Moscou* 23(2): 62–206”, or each part separately (Chaudoir, 1850).

p. 988: Correct the reference “Chaudoir, 1863a”: change page from “11–120” to “111–120” (Chaudoir, 1863).

p. 1033: Correct the reference “Drapiez, 1820c”: change from “8: 275–280” to “3: 275–280” (Drapiez, 1820). In the 3rd volume “Annales Générales des Sciences Physiques” on pages 275–279 an article by M. Van Mons is published.

p. 1039: Add the reference: “Eschscholtz J.F. von 1829: *Zoologischer Atlas, enthaltend Abbildungen und Beschreibungen neuer Thierarten, während des Flottcapitains von Kotzebue zweiter Reise um die Welt, auf der Russisch-Kaiserlichen Kriegsschlupp Predpriaetie in den Jahren 1823–1826. Zweites Heft*. Berlin: G. Reimer, 13 pp., pls. 6–10”. From this publication in the Catalogue are given: *Cicindela* (*Cicin-*



*delata restricta spinigera* Eschscholtz, 1829: 4; subgenus *Lebia* Latreille, 1802, synonym *Lia* Eschscholtz, 1829: 7 (Eschscholtz, 1829b).

p. 1065: Add the reference: “Gabriel C. 1899: Ueber Tatra-Käfer. *Zeitschrift für Entomologie* 24: 1–3”. From this publication in the Catalogue is given: *Nebria (Boreonebria) gyllenhalii gyllenhalii* (Schönherr, 1806), synonym *gerhardti* Gabriel, 1899: 2 (*Nebria*) (Gabriel, 1899).

p. 1100: Add the reference: “Haury C. 1880: Description d’un nouveau genre de Coléoptères de la famille des carabides. *Le Naturaliste* 1: 164–165”. From this publication in the Catalogue is given: subgenus *Calosoma* Weber, 1810, synonym *Calopachys* Haury, 1880: 164 (Haury, 1880).

p. 1132: Add the reference: “Jakobson G.G. 1900: De genere novo Calosomatinarum (Carabops). *Annales du Museum Zoologique de la Academie Impériale des Sciences de St. Petersburg* 1900: 261–265”. From this publication in the Catalogue is given: subgenus *Calosoma* Weber, 1810, synonym *Carabops* Jakobson, 1900: 261 (Jakobson, 1900).

p. 1133: Correct the reference “Jeanne, 1969a”: change page from “1–6” to “33–38” (Jeanne, 1969).

p. 1170: Add the reference: “Kolbe H.J. 1895: Über die in Afrika gefundenen montanen und subalpinen Gattungen der mit *Calosoma* verwandten Coleopteren. *Sitzungs-Berichte der Gesellschaft Naturforschender Freunde zu Berlin*: 50–69”. From this publication in the Catalogue are given: subgenus *Calosoma* Weber, 1810, synonym *Carabomimus* H.J. Kolbe, 1895: 57, synonym *Carabomorphus* H.J. Kolbe, 1895: 57, synonym *Carabophanus* H.J. Kolbe, 1895: 57, synonym *Orinodromus* H.J. Kolbe, 1895: 57, synonym *Tapinosthenes* H.J. Kolbe, 1895: 56 (Kolbe, 1895).

p. 1184: Add the reference: “Lafer G.Sh. 2002: A new species of the genus *Bembidion*

(Coleoptera, Carabidae) from Kunashir, Southern Kuril Islands. *Baltic Journal of Coleopterology* 2(1): 45–48”. From this publication to the Catalogue need to add: *Bembidion (Ocydromus) negrei* Habu, 1958, synonym *kuznetsovi* Lafer, 2002: 45 (*Bembidion*) (Lafer, 2002).

p. 1191: Add the reference: “LeConte J.E. 1849: Coleopterous insects [pp. 25–36 in Appendix]. In: *Statistics of the state of Georgia including an account of its natural, civil, and ecclesiastical history; together with a particular description of each county, notices of the manners and customs of its aboriginal tribes, and a correct map of the State*. Savannah: W. Thorne Williams. 624 + 77 pp.”. From this publication in the Catalogue is given: subgenus *Iridessus* Bates, 1883, synonym *Argestes* LeConte, 1849: 26 (LeConte, 1849).

p. 1192: Add the reference: “LeConte J.L. 1857c: Report upon insects collected on the survey [Pp. 1–72 + 2 pls.]. In: *Part III. Zoological report. Reports of explorations and surveys, to ascertain the most practicable and economical route for a railroad from the Mississippi River to the Pacific Ocean. Made under the direction of the Secretary of war, in 1853–5, according to acts of Congress of March 3, 1853, May 31, 1854, and August 5, 1854. Volume XII. Book II*. Washington: Thomas H. Ford”. From this publication in the Catalogue is given: *Bembidion (Ocydromus) grapii* Gyllenhal, 1827, synonym *nitens* LeConte, 1857: 10 (LeConte, 1857).

p. 1222: Correct the reference “Mannerheim, 1852a”: change from “25(2): 272–309” to “25(4): 273–309” (Mannerheim, 1852a).

p. 1223: Correct the reference “Mannerheim, 1852b”: change from “25(1)” to “25(2)” (Mannerheim, 1852b).

p. 1247: Correct the reference “Motschulsky, 1848”: change page from “482–493” to “483–493” (Motschulsky, 1848).

p. 1248: Add the reference: “Motschulsky V. de 1860e: Coléoptères rapportés en 1859 par M. Sévertsef des Steppes méridionales des Kirghises, et énumérés par V. de Motschulsky. *Mélanges Biologiques tirés du Bulletin de l'Académie des Sciences de St.-Petersbourg* 3 [1857–1861]: 408–452”. From this publication in the Catalogue is given: *Harpalus* (*Harpalus*) *froelichii* Sturm, 1818, synonym *rivularis* Motschulsky, 1860e: 514 (Motschulsky, 1860e).

p. 1293: Correct the reference “Putzeys, 1846b”. Part II of this work is published on pages 365–416; pp. 353–364 is the first part of the work: “I. Note monographique sur le genre *Pasimachus* et sur un nouveau genre voisin”, and p. 417 — “Liste de especes” (Putzeys, 1846). Therefore, it is correct to quote either the entire work of “Putzeys J.A.A.H. 1846b: Premices entomologiques. *Memoires de la Societe Royale des Sciences de Liege* 2 [1845–1846]: 353–417, pl. 5”, or part II from pp. 365–416.

p. 1318: Change from “Sahlberg R.F. 1844: In faunam insectorum Rossicam symbola, novas ad Ochotzk lectas carabiorum species continens. *Acta Societatis Scientiarum Fennicae* 3: 1–66” to “Sahlberg R.F. 1844. *In faunam insectorum Rossicam symbola, novas ad Ochotzk lectas carabiorum species continens, quam, venia amplissima facultatis philosophicae ad Universitatem Imperialem Alexandream in Fennia, p. p. Reginaldus Ferdinandus Sahlberg. Respondente Josepho Benjamine von Pfaler, Stipendiari. Publ. Satacund. In auditorio phlos. die VII Decembris MDCCCXLIV. h.a.m.s.* Frenckel, Helsingfors. 69 pp.”. The journal “*Acta Societatis Scientiarum Fennicae*” was published: tom 1 (1842), tom 2 (1847), tom 3 (1849–1852), and Sahlberg’s publications are absent in the 3rd volume. (Sahlberg, 1844).

p. 1346: Correct the reference “Serrano, Lencina, 2008”: change the year from “2008” to “2009” (Serrano, Lencina, 2009).

p. 1351: Correct the reference “Solier, 1848”: change page from “48–62” to “49–62” (Solier, 1848).

p. 1370: Correct the references “Tschitschérine, 1898f” and “Tschitschérine, 1899d”: delete “Tschitschérine, 1898f”. This is the same work published in 1899. The table of contents of volume 32 says: “Répartition des livraisons. Livr. 1–2. Bulletin entomologique, pages III–XXXII. Matériaux scientifiques, pages 1–290 ... 10 Juillet 1898. Livr. 3–4. Bulletin entomologique, pages XXXIII–LVII. Matériaux scientifiques, pages 291–662 ... 21 Mars 1899” (Tschitschérine, 1899).

p. 1386: Correct the reference “Van Dyke, 1925a”: change from “1925a” to “1926” (Van Dyke, 1926). This work was published on January 16, 1926 (see: Bousquet, 2012: 1559).

p. 1392: Add the reference: “Vuillet A. 1910: Description d’un Calosome nouveau d’Angola (Coleoptera Carabidae). *Bulletin de la Société entomologique de France* 1910: 103–104”. From this publication in the Catalogue is given: subgenus *Calosoma* Weber, 1810, synonym *Mimotefflus* Vuillet, 1910: 103 (Vuillet, 1910).

### Acknowledgements

We are sincerely grateful to Mr. Alexei Gusakov (Zoological Museum of the Moscow University, Moscow), Dr. Boris Kataev (Zoological Institute, Russian Academy of Sciences, St. Petersburg) and Dr. Dmitry Telnov (Natural History Museum, London) for his help in studying some literature sources.

### References

- Andrewes H.E. 1928. On the types of Oriental Carabidae described by V. de Motschulsky // *The Transactions of the Entomological Society of London*. Vol.76. P.1–24.
- Bänninger M. 1930. Die Gattung *Pelophila* Dej. (Col. Carab.) // *Notulae Entomologicae*. Vol.10. P.95–102.
- Bates H.W. 1873. On the geodephagous Coleoptera of Japan // *The Transactions of the Entomological Society of London*. Vol.1873. P.219–322.
- Bedel L. 1879. Faune des coleopteres du bassin de la Seine et de ses bassins secondaires. 1er Sous-ordre. Carnivora // *Annales de la Société Entomologique de France*. Vol.5. No.9[appendix]. P.1–128.
- Bedel L. 1881. Faune des coleopteres du bassin de la Seine et de ses bassins secondaires. 1er Sous-ordre. Car-

- nivora // Annales de la Société Entomologique de France. Vol.6. No.11[appendix]. P.257–359.
- Blanchard C.É. 1871. Remarques sur la faune de la principauté thibétaine du Mou-pin // Comptes rendus hebdomadaires des Séances de l'Académie des Sciences de Paris. Vol.72. P.807–813.
- Bousquet Y. 2012. Catalogue of Geadephaga (Coleoptera, Adephaga) of America, north of Mexico // ZooKeys. No.245. P.1–1722.
- Breuning S. von 1927. Monographie der Gattung *Calosoma* Web. (Carab.). I. Teil // Koleopterologische Rundschau. Bd.13. S.129–232.
- Breuning S. von 1928. Monographie der Gattung *Calosoma* Web. (Col. Carab.). II. Teil // Wiener Entomologische Zeitung. Bd.44. S.81–141.
- Brüggemann F. 1873. Systematisches Verzeichnis der bisher in der Gegend von Bremen gefundenen Kaferarten // Abhandlungen herausgegeben vom Naturwissenschaftlichen Verein zu Bremen. Bd.3. S.441–524.
- Brullé A. 1835. // J.V. Audouin, A. Brullé (eds). Histoire naturelle des insectes, traitant de leur organisation et de leurs moeurs en général, et comprenant leur classification et la description des espèces. Tome IV. Coléoptères I. Paris: F.D. Pillot. 8+479 p.
- Brullé A. 1837. // J.V. Audouin, A. Brullé (eds). Histoire naturelle des insectes, traitant de leur organisation et de leurs moeurs en général, et comprenant leur classification et la description des espèces. Tome IV. Coléoptères II. Paris: F.D. Pillot. 436 p.
- Casey T.L. 1918a. A review of the North American Bembiinae // Memoirs on the Coleoptera. VIII // Lancaster: The New Era Printing Company. P.1–223.
- Casey T.L. 1918b. Miscellaneous notes and corrections // Memoirs on the Coleoptera. VIII // Lancaster: The New Era Printing Company. P.413–416.
- Chaudoir M. de 1838. Tableau d'une nouvelle subdivision du genre *Feronia* Dejean suivi d'une caractéristique de trois nouveaux genres de carabiques // Bulletin de la Société Impériale des Naturalistes de Moscou. Vol.11. P.3–32.
- Chaudoir M. de 1843. Genres nouveaux de la famille des carabiques (Continuation) // Bulletin de la Société Impériale des Naturalistes de Moscou. Vol.16. P.383–427.
- Chaudoir M. de 1846. Carabiques // M. de Chaudoir, H. Hochhuth (eds). Énumération des carabiques et hydrocanthares, recueillis pendant un voyage au Caucase et dans les provinces transcaucasiennes par Baron M. de Chaudoir et le Baron A. de Gotsch. Kiev: J. Wallner. P.47–209.
- Chaudoir M. de 1850. Supplément à la faune des carabiques de la Russie // Bulletin de la Société Impériale des Naturalistes de Moscou. Vol.23. No.2. P.62–206.
- Chaudoir M. de 1863. Descriptions de cincidélètes et de carabiques nouveaux // Revue et Magasin de Zoologie Pure et Appliquée. Ser.2. Vol.15. P.111–120, 187–188, 223–225.
- Chaudoir M. de 1873. Monographie des callidides // Annales de la Société Entomologique de Belgique. Vol.15[1871–1872]. P.97–204.
- Chaudoir M. de 1876. Etude monographique des matoréides, des tetragonodérides et du genre *Nematotarsus* // Bulletin de la Société Impériale des Naturalistes de Moscou. Vol.51. No.3. P.1–84.
- Chevrolat L.A.A. 1836. Coléoptères du Mexique. 8e Fascicule. Strasbourg: G. Silbermann. [nos 171–200].
- Clairville J.P. de 1806. Entomologie helvétique ou catalogue des insectes de la Suisse rangés d'après une nouvelle méthode. Avec descriptions et figures. [Helvetische Entomologie oder Verzeichniss der schweizerischen Insekten nach einer neuen Methode geordnet. Mit Beschreibungen und Abbildungen.]. Zweiter Theil. Zurich: Orell, Fussli et Compagnie. xliii+247+[4] p., 32 pls.
- Creutzer C. 1799. Entomologische Versuche. Mit drey ausgemahlten Kupfertafeln von Herrn Sturm. Wien: K. Schaumberg und Comp. 142+[10] p., 3 pls.
- Csiki E. 1927. Carabidae: Carabinae (Partes 91 et 92) // W. Junk, S. Schenkling (eds.). Coleopterorum catalogus. Volumen I. Carabidae I. Berlin.: W. Junk. 621 p.
- Dejean P.F.M.A. 1826. Species général des coléoptères, de la collection de M. le Comte Dejean. Tome second. Paris: Crevot. viii+501 p.
- Dejean P.F.M.A. 1828. Species général des coléoptères, de la collection de M. le Comte Dejean. Tome troisième. Paris: Méquignon-Marvis. vii+556 p.
- Drapiez P.A.J. 1820. Description de cinq espèces d'insectes nouveaux // Annales Générales des Sciences Physiques. Vol.8. P.275–280.
- Duftschmid C.E. 1812. Fauna Austriae, oder Beschreibung der oesterreichischen Insekten fur angehende Freunde der Entomologie. Zweyter Theil. Linz und Leipzig: Akademie Buchhandlung. viii+311 p.
- Erwin T.L. 2007. A treatise on the Western Hemisphere Caraboidea (Coleoptera): their classification, distributions, and way of life. Volume I (Trachypachidae, Carabidae – Nebriiformes 1). Sofia-Moscow: Pensoft Publishers. 323 p., 22 pls.
- Eschscholtz J.F., von. 1829a. Zoologischer Atlas, enthaltend Abbildungen und Beschreibungen neuer Thierarten, während des Flottcapitains von Kotzebue zweiter Reise um die Welt, auf der Russisch-Kaiserlichen Kriegsschlupp Predpriaetie in den Jahren 1823–1826. Erstes Heft. Berlin: G. Reimer. iv+17 p., pls.1–5.
- Eschscholtz J.F., von. 1829b. Zoologischer Atlas, enthaltend Abbildungen und Beschreibungen neuer Thierarten, während des Flottcapitains von Kotzebue zweiter Reise um die Welt, auf der Russisch-Kaiserlichen Kriegsschlupp Predpriaetie in den Jahren 1823–1826. Zweites Heft. Berlin: G. Reimer. 13 p., pls.6–10.
- Eschscholtz J.F., von. 1833. Zoologischer Atlas, enthaltend Abbildungen und Beschreibungen neuer Thierarten, während des Flottcapitains von Kotzebue zweiter Reise um die Welt, auf der Russisch-Kaiserlichen Kriegsschlupp Predpriaetie in den Jahren 1823–1826. Funftes Heft. Berlin: G. Reimer. viii+28 p., pls.21–25.
- Fabricius J.C. 1775. Systema entomologiae, sistens insectorum classes, ordines, genera, species, adiectis synonymis, locis, descriptionibus, observationibus. Flensburgi et Lipsiae: Kortii. xxxii+832 p.
- Fabricius J.C. 1777. Genera insectorum eorumque characteres naturales secundum numerum, figuram, situm et proportionem omnium partium oris adiecta mantissa specierum nuper detectarum. Chilonii: M.F. Bartsch. xvi+310 p.

- Fabricius J.C. 1779. Reise nach Norwegen mit Bemerkungen aus der Naturhistorie und Oekonomie. Hamburg: C.E. Bohn. lxiv+388 p.
- Fabricius J.C. 1787. Mantissa insectorum sistens eorum species nuper detectas adiectis characteribus genericis, differentiis specificis, emendationibus, observationibus. Tom. I. Hafniae: C.G. Proft. xx+348 p.
- Fabricius J.C. 1792. Entomologia systematica emendata et aucta, secundum classes, ordines, genera, species adjectis synonymis, locis, observationibus, descriptionibus. Tomus I. Pars I. Hafniae: C.G. Proft. xx+330 p.
- Fabricius J.C. 1794. Entomologia systematica emendata et aucta, secundum classes, ordines, genera, species adjectis synonymis, locis, observationibus, descriptionibus. Tom. IV. Hafniae: C.G. Proft. [6]+472+[5] p.
- Fabricius J.C. 1801. Systema eleutheratorum secundum ordines, genera, species; adiectis synonymis, locis, observationibus, descriptionibus. Kiliae: Bibliopolii Academici Novi. Tomus I: xxiv+506 p., Tomus II: 687 p.
- Fairmaire L. 1876. [new species] // Annales de la Societe Entomologique de France. Ser.5. Vol.5[1875]: [part] Bulletin des Seances. P.cxxx–ccxxi.
- Faldermann F. 1835a. Coleopterorum ab illustrissimo Bungio in China boreale, Mongolia et montibus Altaicus collectorum nec non ab ill. Turczaninoffio et Stschukino e provincia Irkutzk missorum illustrationes. Petropoli: Académie des Sciences de Saint Pétersbourg. 128 p., 5 pls.
- Faldermann F. 1835b. Coleopterorum ab illustrissimo Bungio in China boreale, Mongolia et montibus Altaicus collectorum, nec non ab ill. Turczaninoffio et Stschukino e provincia Irkutzk missorum illustrationes // Mémoires présentés à l'Académie impériale des Sciences de Saint-Pétersbourg par divers savans et lus dans ses assemblées. Vol.2. P.337–464, pls.I–V.
- Farkač J. 2017. Genus *Leistus* Frölich, 1799 // I. Löbl, D. Löbl (eds.). Catalogue of Palaearctic Coleoptera. Volume 1. Archostemata – Myxophaga – Adephaga. Revised and Updated Edition. Vol. 1. Leiden – Boston: Brill. P.33–41.
- Fischer von Waldheim G. 1817. De coleopteris quibusdam novis // Mémoires de la Société Impériale des Naturalistes de Moscou. Vol.5. P.463–471.
- Fischer von Waldheim G. 1820. Entomographia Imperii Russici. Auctoritate societatis Caesareae Mosquensis naturae scrutatorum collecta et in lucem edita. Volumen I. Mosquae: A. Semen. 25 pls.
- Frölich F.A. 1799. Einige neue Gattungen und Arten von Käfern // Der Naturforscher. Bd.28. S.1–65, Taf.1.
- Gabriel C. 1899. Ueber Tatra-Käfer // Zeitschrift für Entomologie. Bd.24. S.1–3.
- Ganglbauer L. 1891. Die Käfer von Mitteleuropa. Die Käfer der österreichisch-ungarischen Monarchie, Deutschlands, der Schweiz, sowie des französischen und italienischen Alpengebietes. Erster Band. Familienreihe Caraboidea. Wien: C. Gerold's Sohn. iii+557 S.
- Gebler F.A., von. 1833. Notae et addidamenta ad Catalogum Coleopterorum Sibiriae occidentalis et confinis Tatariae operis, C.F. von Ledebours Reise in das Altaigebirge und soongarische Kirgisenstepe (Zweiter Theil. Berlin 1830) // Bulletin de la Société Impériale des Naturalistes de Moscou. Vol.6. P.262–309.
- Géhin J.J.B. 1885. Catalogue synonymique et systématique des coléoptères de la tribu des carabides. Avec des planches dessinées par Ch. Haury. Remiremont: V. Jacquot. xxxviii+104 p., 10 pls.
- Geminger M., Harold E. von 1868. Catalogus coleopterorum hucusque descriptorum synonymicus et systematicus. Tom. I. Cicindelidae–Carabidae. Monachii: E.H. Gummi. xxxvi+424+[8] p.
- Gerstaecker G.E.A. 1883. Bestimmung der von G.A. Fischer während seiner Reise nach den Massai-Land gesammelten Coleopteren // Jahrbuch der Hamburgischen Wissenschaftlichen Anstalten. Bd.I[1884]. S.42–64.
- Graells M. de la Paz. 1851. Descripción de algunos insectos nuevos pertenecientes a la fauna central de España. // Memorias de la Real Academia de Ciencias de Madrid. Ser.3. Vol.1. No.2. P.109–166, pls.1–3.
- Haury C. 1880. Description d'un nouveau genre de Coléoptères de la famille des carabides // Le Naturaliste. Vol.1. P.164–165.
- Heyden L., von. 1879. Die *Carabus*-Arten der Hudsonsbay // Deutsche Entomologische Zeitschrift. Bd.23. S.161–167.
- Hieke F. 1994. Sieben neue asiatische Arten und weitere neue Synonyme aus der Gattung *Amara* Bon. (Coleoptera, Carabidae) // Deutsche Entomologische Zeitschrift (N.F.). Bd.41. S.299–350.
- Hieke F. 2002. Neue Arten der Gattung *Amara* Bonelli 1810 (Coleoptera: Carabidae) // Linzer Biologische Beiträge. Bd.34. H.1. S.619–720.
- Hieke F. 2005. Die *Amara*-Untergattung *Pseudocelia* Lutshnik, 1935 (Insecta: Coleoptera: Carabidae) // Veröffentlichungen des Naturkundemuseums Erfurt. Bd.24. S.147–171.
- Hieke F. 2014. *Amara* (*Pseudocelia*) *klausnitzeri* n. sp. – Eine neue *Amara* Bonelli (Coleoptera: Carabidae) aus Sichuan // Entomologische Nachrichten und Berichte. Bd.58. Nr.3. S.151–153.
- Hieke F. 2017. Subtribe *Amarina* C. Zimmermann, 1832 // I. Löbl, D. Löbl (eds.). Catalogue of Palaearctic Coleoptera. Volume 1. Archostemata – Myxophaga – Adephaga. Revised and Updated Edition. Vol. 1. Leiden – Boston: Brill. P.794–828.
- Huber C., Marggi W. 2017. Tribe *Licinini* Bonelli, 1810 // I. Löbl, D. Löbl (eds.). Catalogue of Palaearctic Coleoptera. Volume 1. Archostemata – Myxophaga – Adephaga. Revised and Updated Edition. Vol. 1. Leiden – Boston: Brill. P.625–631.
- Imura Y. 2002a. Contribution to the knowledge of the Carabid fauna (Coleoptera, Carabidae) of Kangding Xian and Jiulong Xian in western Sichuan, China // Elytra. Vol.30. P.29–37.
- Imura Y. 2002b. Proposal of eighteen new genera and subgenera of the subtribe *Carabina* // Special Bulletin of the Japanese Society of Coleopterology. Vol.5. P.129–147.
- Jakobson G.G. 1900. De genere novo *Calosomatina* (*Carabops*) // Annales du Museum Zoologique de la Academie Impériale des Sciences de St. Petersburg. Vol.1900. P.261–265.
- Jeanne C. 1969. *Les Haptoderus lusitaniens* (Col. Pterostichidae) // Miscelánea Zoológica. Vol.2. No.4. P.33–38.

- Jeannel R. 1940. Les calosomes // Mémoires du Musée National d'Histoire Naturelle (nouvelle série). Vol.13. P.1–240.
- Jeannel R. 1942. Coléoptères carabiques. Deuxième partie // Faune de France 40. Paris: Librairie de la Faculté des Sciences. P.572–1173.
- Jeannel R. 1946. Faune de l'empire français. VI. Coléoptères carabiques de la région Malgache (première partie). Paris: Office de la Recherche Scientifique Coloniale. 372 p.
- Jedlička A. 1934. Monographie der mit *Colpodes* verwandten Gattungen aus China, Formosa und Philippinen // Sbornik Entomologického Oddělení při Zoologických Sbirkách Národního Musea v Praze. Vol.12. P.177–205.
- Jedlička A. 1940. Neue Carabiden aus Ostasien. (Hauptsächlich von der Insel Formosa.) (XIII. Teil.). Praha: A. Jedlička. 18 p.
- Jedlička A. 1953. Revision der Tribus Pterostichini (Col., Carabidae) // Ročenka Československé Společnosti Entomologické. Vol.50. P.85–112.
- Jedlička A. 1958. Beitrag zur Kenntnis der palaearktischen Carabiden (Coleoptera) // Sbornik Entomologického Oddělení Národního Musea v Praze. Vol.32. P.223–246.
- Jedlička A. 1960. Neue Carabiden aus dem Sammlungen des Museums Frey (Col.) // Entomologischen Arbeiten aus dem Museum G. Frey. Bd.11. S.587–598.
- Jedlička A. 1961. Neue Carabiden aus der palaearktischen Region (Coleoptera) // Sbornik Entomologického Oddělení Národního Musea v Praze. Vol.34. P.155–166.
- Jedlička A. 1965. Monographie des Tribus Bembidiini aus Ostasien (Coleoptera, Carabidae) // Entomologische Abhandlungen und Berichte aus dem Staatlich Museum für Tierkunde in Dresden. Bd.32[1964–1967]. S.79–199.
- Kataev B.M. 2014. Systematic and nomenclatorial notes on some taxa of Zabryini and Harpalini from the Palaearctic, Oriental and Australian regions (Coleoptera: Carabidae) // Proceedings of the Zoological Institute RAS. Vol.318. No.3. P.252–267.
- Kirby W. 1837. Fauna Boreali-Americana; or the zoology of the northern parts of British America: containing descriptions of the objects of natural history collected on the late Northern Land Expeditions, under command of captain Sir John Franklin, R.N. Part the fourth and last. The insects. Norwich: J. Fletcher. xxxix+329+[1] p., 8 pls.
- Kolbe H.J. 1895. Über die in Afrika gefundenen montanen und subalpinen Gattungen der mit *Calosoma* verwandten Coleopteren // Sitzungs-Berichte der Gesellschaft Naturforschender Freunde zu Berlin. S.50–69.
- Kollar V. 1836. Species insectorum coleopterorum novae // Annalen des Wiener Museums der Naturgeschichte. Bd.2. S.327–336, Taf.31.
- Kopecký T. 2017. Subtribe Tachyina Motschulsky, 1862 // I. Löbl, D. Löbl (eds.). Catalogue of Palaearctic Coleoptera. Volume 1. Archostemata – Myxophaga – Adephaga. Revised and Updated Edition. Vol.1. Leiden – Boston: Brill. P.342–354.
- Kraatz G. 1886. Ueber eine Caraben-Sendung von der Suifun-Mündung vom Amur von F. und H. Dörries // Deutsche Entomologische Zeitschrift. Bd.30. S.257–268.
- Kraatz G. 1888. *Pseudolimnaeum Eichhoffi*, eine neue deutsche Art // Deutsche Entomologische Zeitschrift. Bd.1888. S.365–366.
- Kryzhanovskij O.L. 1994. New or poorly known Platynini from SW China (Coleoptera: Carabidae) // Zoosystematica Rossica. Vol.2. P.297–305.
- Kryzhanovskij O.L., Belousov I.A., Kabak I.I., Kataev B.M., Makarov K.V., Shilenkov V.G. 1995. A checklist of the ground-beetles of Russia and adjacent lands (Insecta, Coleoptera, Carabidae). Series Faunistica, 3. Sofia-Moscow: Pensoft Publishers. 271 p.
- Lafer G.S. 1989. [4. Family Carabidae — The Ground-beetles] // P.A. Lehr (ed). Opredelitel nasekomykh Dalnego Vostoka SSSR. T.3. Zhestkokrylye, ili zhuki. Part 1. Leningrad: Nauka Publ. P.71–222 [in Russian].
- Lafer G.S. 2002. A new species of the genus *Bembidion* Latreille (Coleoptera, Carabidae) from Kunashir, Southern Kuril Islands // Baltic Journal of Coleopterology. Vol.2. No.1. P.45–48.
- Lapouge G., Vacher de. 1924. Calosomes nouveaux ou mal connus (Col. Carabidae) // Miscellanea Entomologica. Vol.28[1924–1925]. P.37–44.
- Lapouge G., Vacher de. 1927. Carabes nouveaux ou mal connus (suite) // Miscellanea Entomologica. Vol.30. P.209–248.
- Lapouge G., Vacher de 1929. Sous-tribu des Calosomina // Miscellanea Entomologica. Vol.32. P.1–10.
- Lapouge G., Vacher de. 1930. Coleoptera Adephaga. Fam. Carabidae: subfam. Carabinae. Deuxième partie. Genera insectorum. Fascicule 192<sup>A</sup>. Bruxelles: Desmet-Verteneuil. P.155–291.
- LeConte J.L. 1848. A descriptive catalogue of the geodephagous Coleoptera inhabiting the United States east of the Rocky Mountains // Annals of the Lyceum of Natural History of New York. Vol.4 [1846–1848]. P.173–474.
- LeConte J.E. 1849. Coleopterous insects // Statistics of the state of Georgia including an account of its natural, civil, and ecclesiastical history; together with a particular description of each county, notices of the manners and customs of its aboriginal tribes, and a correct map of the State. Savannah: W. Thorne Williams. P.25–36 [in Appendix].
- LeConte J.L. 1852. Descriptions of new species of Coleoptera, from California // Annals of the Lyceum of Natural History of New York. Vol.5. P.185–216.
- LeConte J.L. 1857. Report upon insects collected on the survey // Part III. Zoological report. Reports of explorations and surveys, to ascertain the most practicable and economical route for a railroad from the Mississippi River to the Pacific Ocean. Made under the direction of the Secretary of war, in 1853–5, according to acts of Congress of March 3, 1853, May 31, 1854, and August 5, 1854. Volume XII. Book II. Washington: Thomas H. Ford. P.1–72, 2 pls.
- LeConte J.L. 1863a. List of the Coleoptera of North America. Prepared for the Smithsonian Institution. Part I // Smithsonian Miscellaneous Collections. No.140. Washington: Smithsonian Institution. [3]+56 p.

- LeConte J.L. 1863b. New species of North American Coleoptera. Prepared for the Smithsonian Institution. Part I // Smithsonian Miscellaneous Collections. No.167. Washington: Smithsonian Institution. 86 p.
- Linnaeus C. von 1760. Fauna Suecica sistens animalia Sueciae regni: mammalia, aves, amphibia, pisces, insecta, vermes. Distributa per classes et ordines, genera et species, cum differentiis specierum, synonymis auctorum, nominibus incolarum, locis natalium, descriptionibus insectorum. Editio altera, auctior. Stockholmiae: Laurentii Salvii. [48]+579 p., 2 pls.
- Löbl I., Löbl D. (eds.). 2017. Catalogue of Palearctic Coleoptera. Vol.1. Archostemata – Myxophaga – Adephaga. Revised and Updated Edition. Leiden – Boston: Brill. xxxiv+1443 p.
- Lutshnik V.N. 1924. [A descriptive catalogue of the geodephagous Coleoptera of Minussinsk Territory. II Carabina; III Nebriina] // *Ezhegodnik Gosudarstvennogo Muzeya Imeni Martyanova*. Vol.2. P.33–65 [in Russian].
- Lutshnik V.N. 1934. [Description of new ground beetle species from Siberia (Coleoptera, Carabidae)] // *Trudy Zoologicheskogo Instituta, Akademiya Nauk SSSR*. Vol.2. P.19–23 [in Russian].
- Lutshnik V.N. 1935. De speciebus novis generis *Amara* Bon. (Coleoptera) 3 // *Folia Zoologica et Hydrobiologica*. Vol.7. P.257–269, 306.
- Mäklin F.W. 1855. Bidrag till kännedom om såkallade vikarierande former bland Coleoptera i norden. Dissertation Helsingfors (Frenckell). 55 p.
- Mäklin F.W. 1857. Beitrag zur Kenntnis der sogenannten vicarierenden Formen unter den Coleopteren des Nordens // *Entomologische Zeitung*. Bd.18. S.321–348.
- Mannerheim C.G. von 1849. Insectes coleopteres de la Sibirie orientale, nouveaux ou peu connus // *Bulletin de la Société Impériale des Naturalistes de Moscou*. Vol.22. No.1. P.220–249.
- Mannerheim C.G. von 1852a. Insectes coléoptères de la Sibirie orientale nouveaux ou peu connus // *Bulletin de la Société Impériale des Naturalistes de Moscou*. Vol.25. No.4. P.273–309.
- Mannerheim C.G. von 1852b. Zweiter Nachtrag zur Käfer-Fauna der Nord-Amerikanischen Länder des Russischen Reiches // *Bulletin de la Société Impériale des Naturalistes de Moscou*. Vol.25. No.2. P.283–387.
- Marggi W., Toledano L., Neri P. 2017. Subtribe Bembidina Stephens, 1827 // I. Löbl, D. Löbl (eds). Catalogue of Palearctic Coleoptera. Volume 1. Archostemata – Myxophaga – Adephaga. Revised and Updated Edition. Vol. 1. Leiden – Boston: Brill. P.294–342.
- Marsham T. 1802. Entomologia Britannica, sistens insecta Britanniae indigena, secundum methodum Linnaeanam disposita. Tomus I. Coleoptera. London: White et Taylor. xxxi+547+[1] p.
- Ménétriés E. 1851. Insecten // Reise in den aussersten Norden und Osten Sibiriens während der Jahre 1843 und 1844 mit allerhöchster Genehmigung auf Veranstaltung der Kaiserlichen Akademie der Wissenschaften zu St. Petersburg ausgeführt und in Verbindung mit vielen Gelehrten herausgegeben von Dr. A. Th. v. Middendorff. Zweiter Band. Theil I. St. Petersburg: Eggers & Comp. S.43–76, pl.3.
- Morawitz A. 1862a. Vorläufige Diagnosen neuer Coleopteren aus Südost-Sibirien // *Bulletin de l'Académie des Sciences de St.-Petersburg*. Vol.5. P.231–265.
- Morawitz A. 1862b. Vorläufige Diagnosen neuer Coleopteren aus Südost-Sibirien // *Mélanges Biologiques tirés du Bulletin de l'Académie des Sciences de St.-Petersburg*. Vol.4. P.180–228.
- Morita S. 2010. Notes on the Bembidiinae (Coleoptera, Carabidae) of Japan. XXIII. *Bembidion (Ocydromus) negrei* Habu and its new relatives, found in the habitats of hot springs // *Japanese Journal of Systematic Entomology*. Vol.16. P.13–21.
- Motschulsky V., de. 1840. Énumération systématique des insectes décrits et figurés par T. Victor dans les Mémoires et le Bulletin de la Société Impériale de Moscou depuis 1836–1840 // *Bulletin de la Société Impériale des Naturalistes de Moscou*. Vol.13. P.181–203.
- Motschulsky V., de. 1844. Insectes de la Sibirie rapportés d'un voyage fait en 1839 et 1840 // *Mémoires de l'Académie Impériale des Sciences de St.-Petersburg*. Vol.5. P.1–274+i–xv, pls.1–10.
- Motschulsky V., de. 1845. Observations sur le Musée entomologique de l'Université Impériale de Moscou. 1er article // *Bulletin de la Société Impériale des Naturalistes de Moscou*. Vol.18. P.332–388, pls.5–7.
- Motschulsky V., de. 1848. Antwort an Dr. Gebler auf einige seiner Bemerkungen in den No II und IV dieses Bulletins (1847). 2ter Artikel // *Bulletin de la Société Impériale des Naturalistes de Moscou*. Vol.21. P.483–493.
- Motschulsky V., de. 1850. Die Käfer Russlands. I. Insecta Carabica. Moskau: Buchdruckerei von W. Gautier. iv+ix+91 p., 1 map.
- Motschulsky V., de. 1859a. Coléoptères nouveaux de la Californie // *Bulletin de la Société Impériale des Naturalistes de Moscou*. Vol.32. P.122–185, 357–410.
- Motschulsky V., de. 1859b. Catalogue des insectes rapportés des environs du fl. Amour, depuis la Schilka jusqu'à Nikola, vsk // *Bulletin de la Société Impériale des Naturalistes de Moscou*. Vol.32. P.487–507.
- Motschulsky V., de. 1859c. Coléoptères du gouvernement de Iakouts, recueillis par M. Pavlofski // *Bulletin de la Classe Physico-Mathématique de l'Académie Impériale des Sciences de St.-Petersburg*. Vol.17. P.539–544, 567–574.
- Motschulsky V., de. 1859d. Coléoptères du gouvernement de Iakouts, recueillis par M. Pavlofski // *Mélanges Biologiques tirés du Bulletin de l'Académie des Sciences de St.-Petersburg*. Vol.3 [1857–1861]. P.221–238.
- Motschulsky V., de. 1859e. Coléoptères rapportés de la Songarie par M. Séménof // *Bulletin de l'Académie Impériale des Sciences de St.-Petersburg*. Vol.1 [1859–1860]. P.301–314.
- Motschulsky V., de. 1860a. Coléoptères de la Sibirie orientale et notamment en particulier des rives de l'Amour // L. Schrenck, von (Hrsg.). Reisen und Forschungen im Amur-Lände in den Jahren 1854–1856 im Auftrage der Kaiserl. Akademie der Wissenschaften zu St. Petersburg. Zweiter Band. Zoologie: Lepidopteren, Coleopteren, Mollusken. Band 2. Co-

- leopteren. St. Petersburg: Kaiserlichen Akademie der Wissenschaften. P.77–257, errata, 6–11 pls., 1 map.
- Motschulsky V., de. 1860b. Coléoptères rapportés en 1859 par M. Sévertsef des Steppes méridionales des Kirghises, et énumérés // Bulletin de l'Académie Impériale des Sciences de St.-Petersbourg. Vol.2. P.513–543.
- Motschulsky V., de. 1860c. Entomologie spéciale. Insectes des Indes orientales, et de contrées analogues. 2: de série // Études Entomologiques. Vol.8 [1859]. P.25–118.
- Motschulsky V., de. 1860d. Insectes nouveaux ou peu connus des bassins de la Méditerranée et de la mer Noire jusqu'à la mer Caspienne // Études Entomologiques. Vol.8 [1859]. P.119–144.
- Motschulsky V., de. 1860e. Coléoptères rapportés en 1859 par M. Sévertsef des Steppes méridionales des Kirghises, et énumérés par V. de Motschulsky // Mélanges Biologiques tirés du Bulletin de l'Académie des Sciences de St.-Petersbourg. Vol.3 [1857–1861]. P.408–452.
- Motschulsky V., de. 1865. Énumération des nouvelles espèces de coléoptères rapportés de des voyages. 4-ème article (suite) // Bulletin de la Société Impériale des Naturalistes de Moscou. Vol.37 [1864]. P.297–355.
- Motschulsky V., de. 1866. Énumération des nouvelles espèces de coléoptères rapportés de des voyages. 4-ème article (suite) // Bulletin de la Société Impériale des Naturalistes de Moscou. Vol.38 [1865]. P.227–313.
- Munster T.G. 1930. Tillaeg og bemaerkninger til Norges koleopterfauna II // Norsk Entomologisk Tidsskrift. Vol.2 [1924–1930]. No.6. P.353–357.
- Munster T.G. 1933. Tillaeg og Bemaerkninger til Norges Koleopterfauna. III // Norsk Entomologisk Tidsskrift. Vol.3 [1932–1935]. No.4. P.267–278.
- Netolitzky F. 1931. Überprüfungen afrikanischer und australischer Bembidiini. (34. Beitrag zur Kenntnis der Bembidiini) // Wiener Entomologische Zeitung. Bd.47. S.169–183.
- Netolitzky F. 1942. Bestimmungstabellen europäischer Käfer (9. Stück). II. Fam. Carabidae. Subfam. Bembidiinae. 66. Gattung: *Bembidion* Latr. Bestimmungstabelle der *Bembidion*-Arten des paläarktischen Gebietes. (Mit Hinweisen auf holarktische, äthiopische und orientalische Arten) // Koleopterologische Rundschau. Bd.28 [1942–1943]. S.29–68.
- Netolitzky F. 1943. Bestimmungstabellen europäischer Käfer (9. Stück). II. Fam. Carabidae. Subfam. Bembidiinae. 66. Gattung: *Bembidion* Latr. Bestimmungstabelle der *Bembidion*-Arten des paläarktischen Gebietes. (Mit Hinweisen auf holarktische, äthiopische und orientalische Arten) // Koleopterologische Rundschau. Bd.28 [1942–1943]. S.69–124.
- Obydov D. 2003. New taxa of the genus *Carabus* from Mongolia (Col. Carabidae) // Lambillionea. Vol.103. P.639–644.
- Obydov D. 2009. Faune des *Carabus* de Sibérie et d'Extrême-Orient russe – I. Lipastrimorphi // Magellanes, Collection Systematique. Vol.11. P.1–148.
- Paykull G., von. 1790. Monographia caraborum Sueciae. Upsaliae: J.F. Edman. [5]+138 p.
- Paykull G., von. 1798. Fauna Suecica. Insecta. Tomus I. Upsaliae: J.F. Edman. [viii]+358+[2] p.
- Péringuey L. 1896. Descriptive catalogue of the Coleoptera of South Africa. Part II. Cicindelidae supplement. Carabidae // The Transactions of the South African Philosophical Society. Vol.7. P.99–623, i–xiv.
- Péringuey L. 1898. Descriptive catalogue of the Coleoptera of South Africa. Family Carabidae. First supplement // The Transactions of the South African Philosophical Society. Vol.10. P.315–374.
- Poppius B. 1904. Neue paläarktische Coleopteren // Öfversigt af Finska Vetenskaps-Societetens Förhandlingar. Vol.46. No.16. P.1–14.
- Poppius B. 1905. Beiträge zur Kenntnis der Coleopteren-Fauna des Lena-Thales in Ost-Sibirien. I. Haliplidae und Dytiscidae // Öfversigt af Finska Vetenskaps-Societetens Förhandlingar. Vol.47. No.16. P.1–24.
- Poppius B. 1906. Beiträge zur Kenntnis der Coleopteren-Fauna des Lena-Thales in Ost-Sibirien. II. Cicindelidae und Carabidae // Öfversigt af Finska Vetenskaps-Societetens Förhandlingar. Vol.48. No.3. P.1–65.
- Poppius B. 1908. Beiträge zur Kenntnis der Carabiden-Fauna von West-Sibirien und der N.W. Mongolei // Öfversigt af Finska Vetenskaps-Societetens Förhandlingar. Vol.49[1907]. No.17. P.1–24.
- Putzeys J.A.A.H. 1846. Premices entomologiques // Mémoires de la Société Royale des Sciences de Liège. Vol.2[1845–1846]. P.353–417, pl.5.
- Putzeys J.A.A.H. 1872. Carabiques nouveaux decouvertes dans les Montagnes des Asturies (Leordes, Picos de Europa), par M. Ehlers // Bulletin de la Société Entomologique de Belgique. Vol.1871–1872. P.lxx–lxxii.
- Redtenbacher L. 1847. Fauna Austriaca. Die Käfer. Nach der analytischen Methode bearbeitet. Heft I. Wien: C. Gerold. S.1–160.
- Redtenbacher L. 1868. Zoologischer Theil. Zweiter Band. I. Abtheilung A. 1. Coleopteren // Reise der österreichischen Fregatte Novara um die Erde in der Jahren 1857, 1858, 1859 unter den Befehlen des Commodore B. von Wüllerstorff-Urbair. Wien: Karl Gerold's Sohn. iv+249 S., 5pls.
- Reitter E. 1895. Eine Serie neuer *Carabus*-Arten aus Asien // Wiener Entomologische Zeitung. Bd.14. S.104–110.
- Reitter E. 1896. Bestimmungstabelle der europäischen Coleopteren. XXXIV. Heft: Enthaltend: Carabidae. I. Abtheilung: Carabini, gleichzeitig mit einer systematischen Darstellung sämtlicher Subgenera der Gattung *Carabus* L. // Verhandlungen des Naturforschenden Vereines in Brunn. Bd.34[1895]. S.36–198.
- Roeschke H. 1900. Carabologische Notizen VII // Entomologische Nachrichten, Berlin. Bd.26. S.162–163.
- Rogatnykh D.Y. 2009. [Landscape-biopic distribution and life form spectrum of ground beetles (Coleoptera: Carabidae) of southern Amurskaya oblast] // Amurian zoological journal. Vol.1. No.1. P.6–16 [in Russian].
- Rossi P. 1790. Fauna Etrusca sistens insecta quae in provinciis Florentina et Pisana praesertim collegit. Tomus primus. Liburni: Typis Thomae Masi et Sociorum. xxii+272 p., 10 pls.
- Rossi P. 1792. Mantissa insectorum exhibens species nuper in Etruria collectas a Petro Rossio adiectis faunae Etruscae illustrationibus ac emendationibus. Tom. I. Pisis: Polloni. 148 p.

- Rossi P. 1794. Mantissa Insectorum exhibens species nuper in Etruria collectas a Petro Rossio adiectis faunae Etruscae illustrationibus ac emendationibus. Tom II. Pisis: Prosperi. 154 p., 8 pls.
- Rylands P. 1841. Notice of new Amarae // The Entomologist. Vol.1 [1840–1842]. P.216.
- Sahlberg J.R. 1875. Enumeratio Coleopterorum Carnivororum Fenniae. Systematisk förteckning öfver de inom Finlands natural-historiska område hittills funna Coleoptera carnivora jemte uppgift om arternas utbredning och beskrifningar af nya och mindre kända species // Notiser ur Sällskapetets pro Fauna et Flora Fennica Förhandlingar. N.S. Vol.14. P.41–200.
- Sahlberg R.F. 1844. In faunam insectorum Rossicam symbola, novas ad Ochotzk lectas carabiorum species continens, quam, venia amplissimae facultatis philosophicae ad Universitatem Imperialem Alexandream in Fennia, p. p. Reginaldus Ferdinandus Sahlberg. Respondente Josepho Benjamine von Pfaler, Stipendiari. Publ. Satacund. In auditorio philos. die VII Decembris MDCCCLXIV. h.a.m.s. Frenckel, Helsingfors. 69 p.
- Schiötte J.M.C. 1837. Forsög til en monographisk Fremstilling af de i Danmark hidtil opdagede Arter af Insekt-Slaegten *Amara* Bonelli // Naturhistorisk Tidsskrift. Vol.1. P.38–65, 138–171, 242–252.
- Schmidt J. 2017. Tribe Platynini Bonelli, 1810 // I. Löbl, D. Löbl (eds.). Catalogue of Palaearctic Coleoptera. Volume 1. Archostemata – Myxophaga – Adepaga. Revised and Updated Edition. Vol. 1. Leiden – Boston: Brill. P.642–675.
- Semenov A.P. 1895. Coleoptera asiatica nova. III // Horae Societatis Entomologicae Rossicae. Vol.29 [1894–1895]. P.125–144.
- Semenov A.P. 1896. De speciebus ad gregem *Cymindis Faldermanni* Chaud. spectantibus // Horae Societatis Entomologicae Rossicae. Vol.29 [1894–1895]. P.328–335.
- Serrano J., Lencina J.L. 2009. *Harpalus (Baeticoharpalus) lopezi*, new subgenus and new species of *Harpalus* from the Iberian Peninsula (Coleoptera, Carabidae: Harpalini) // Entomologica Fennica. Vol.19. P.193–198.
- Shilenkov V.G. 1995. [new species] // O.L. Kryzhanovskij, I.A. Belousov, I.I. Kabak, B.M. Kataev, K.V. Makarov, V.G. Shilenkov. A checklist of the ground-beetles of Russia and adjacent lands (Insecta, Coleoptera, Carabidae). Series Faunistica, 3. Sofia–Moscow: Pensoft Publishers. P.116.
- Shilenkov V.G., Anichtchenko A.V. 2008. [A new species of *Masuzoa* Uéno, 1960 (Coleoptera, Carabidae, Trechini) from East Siberia] // Euroasian Entomological Journal. Vol.7. No.1. P.16–18 [in Russian].
- Solier A.J.J. 1848. Observations sur les genres *Procrustes*, *Procerus*, *Carabus* et *Calosoma* // Studi Entomologici. Vol.1. P.49–62.
- Stephens J.F. 1827. Illustrations of British entomology; or, a synopsis of indigenous insects: containing their generic and specific distinctions; with an account of their metamorphoses, times of appearance, localities, food, and economy, as far as practicable. Embellished with coloured figures of the rarer and more interesting species. Mandibulata. Vol.I. London: Baldwin & Craddock. P.1–76, pls.1–4.
- Sturm J. 1815. Deutschlands Fauna in Abbildungen nach der Natur mit Beschreibungen. V. Abtheilung. Die Insekten. Drittes Bändchen. Käfer. Nürnberg: J. Sturm. 192 p., pls.53–76.
- Sundukov Yu.N., Makarov K.V. 2019. Ground beetles (Coleoptera: Carabidae) of the Russian Far East: Additions and corrections to the Catalogue of Palaearctic Coleoptera, Volume 1 (2017) // Invertebrate Zoology. Vol.16. No.3. P.283–304.
- Tschitschérine T. 1894. Description de deux nouvelles espèces du genre *Harpalus* Latr. // Horae Societatis Entomologicae Rossicae. Vol.28 [1893–1894]. P.259–261.
- Tschitschérine T. 1896. Note sur deux nouvelles formes arctiques du genre *Feronia* Latr. Dej. // Annuaire du Musée Zoologique de l'Académie Impériale des Sciences de St.-Petersbourg. Vol.1. P.373–377.
- Tschitschérine T. 1899. Diagnoses de quelques nouvelles espèces de la famille des carabiques // Horae Societatis Entomologicae Rossicae. Vol.32 [1898]. P.318–324.
- Uéno S.-I. 1954. [The Coleoptera of Japan] // Shin Konchû. Vol.7. No.3. P.41–46 [in Japanese].
- Uéno S.-I. 1955a. Studies on the Japanese Trechinae (III) (Coleoptera, Harpalidae) // Publications of the Seto Marine Biological Laboratory. Vol.4. P.337–351.
- Uéno S.-I. 1955b. Marine insects of the Tokara Islands. VII. New species and new subspecies of the subfamily Trechinae (Coleoptera, Harpalidae) // Publications of the Seto Marine Biological Laboratory. Vol.4. P.403–413.
- Van Dyke E.C. 1926. New species of Carabidae in the subfamily Harpalinae, chiefly from western North America // The Pan-Pacific Entomologist. Vol.2. P.65–76.
- Vuillet A. 1910. Description d'un Calosome nouveau d'Angola (Coleoptera Carabidae) // Bulletin de la Société entomologique de France. Vol.1910. P.103–104.
- Weber F. 1801. Observationes entomologicae, continentes novorum quae condidit generum characteres, et nuper detectarum specierum descriptiones. Kiliae: Impensis Bibliopolii Academici Novi. xii+116+[1] p.
- Weissberg S. 1924. Sur quelques espèces européennes du genre *Dyschirius* Bonelli (note préliminaire) // Annales Zoologici Musei Polonici Historiae Naturalis. Vol.2. P.46–48.
- Westhoff F. 1881. Die Käfer Westfalens. I. Abtheilung // Supplement zu den Verhandlungen des Naturhistorischen Vereins der Preussischen Rheinlande und Westfalens. Bd.38. S.i–xxviii+1–140.
- Zimmermann C.C.A. 1832. Ueber die bisherige Gattung *Amara*. Ein Beitrag zu einer künftigen Monographie der hierher gehörigen Thiere // Faunus. Bd.1. S.5–40.

Responsible editor K.G. Mikhailov