

Addenda and corrigenda to ‘A World Catalogue of Families and Genera of Curculionoidea (Insecta: Coleoptera)’. 2

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Abstract

Omissions from and corrections to Alonso-Zarazaga & Lyal (1999) and Alonso-Zarazaga & Lyal (2002) are given. The following valid taxon described before 2000 was absent and is now included: *Oedeuops* Zhang, 1989 (fossil) in Attelabidae. A new replacement name is proposed in Brachyceridae: Brotheusini Alonso-Zarazaga and Lyal, **nom. nov.**, for Brotheini Marshall, 1907, non Simon, 1879 (Scorpiones). New synonymies are: Mecocerini Lacordaire 1866 (= Cappadocini Alonso-Zarazaga & Lyal, 1999, **syn. nov.**) and *Phloeophilus* Schoenherr, 1833 (= *Cappadox* Alonso-Zarazaga & Lyal, 1999, **syn. nov.** = *Platynorhynchus* Schoenherr, 1839, **syn. nov.**) in Anthribidae;

Cnemoxys Marshall, 1956 (= *Lavabrenymus* Hoffmann, 1966, **syn. nov.**) in Curculionidae Conoderinae. Omitted synonymies are: *Otiorhynchus* (*Thalycrynychus*) Reitter, 1912 (= *Panaphilis* Dejean, 1821) (removed from synonymy with *Otiorhynchus* s. str) and *Brachysomus* Schoenherr, 1823 (= *Pseudoptochus* Formánek, 1905) in Curculionidae Entiminae. A new combination is: *Cnemoxys armatus* (Hoffmann, 1966) **comb. nov.** from *Lavabrenymus* Hoffmann, 1966. New placements are: *Alloschema* Jordan, 1928 to Zygaenodini (from Cappadocini) (Anthribidae). *Diastatotropis* Lacordaire, 1866, *Systellorhynchus* Blanchard, 1849 and *Perroudius* Holloway, 1982 to Anthribinae *incertae sedis* (from Cappadocini) (Anthribidae). *Eczesaris* Pascoe, 1859 and *Ethneca* Pascoe, 1860 to Mecocerini (from Cappadocini) (Anthribidae). *Codmius* Faust, 1895 to Conoderinae Campyloscelini Corynemerina (from Baridinae Madarini Tonesiina) (Curculionidae). The subgenera *Acercomecus* Reitter, 1903, *Gnathomecus* Reitter, 1903 and *Hypesamus* Reitter, 1903 are wrongly listed under *Esamus* Chevrolat, 1880 and should be transferred to be under *Megamecus* Reitter, 1903.

Key words: Coleoptera, Curculionoidea, World Catalogue, additions, corrections, new name

Introduction

Despite our best efforts in the Additions and Corrections to the World Catalogue of Families and Genera of Curculionoidea (Alonso-Zarazaga & Lyal, 2002), further matters have come to light that need to be addressed before we can move to the next stage of weevil cataloguing. We do not, however, plan to issue a third paper in this sequence, since the catalogue of genera is now on-line, and is being upgraded to include species also (<http://wtaxa.csic.es/>). In future any corrections or additions will be made to that database.

Additions and errata

p. 13, left column. The second line under the heading “New synonyms” should read “(for the species group, check p. 22)”.

Anthribidae

p. 28. (1) Cappadocini Alonso-Zarazaga & Lyal. This name should be transferred to Mecocerini Lacordaire 1866 as a junior synonym. (**syn.nov.**). The type genus is a synonym of *Phloeophilus* (see below).

p. 28 (2) *Alloschema* Jordan, 1928 should be transferred to Zygaenodini, and placed in the catalogue immediately before *Atinellia* on p. 36.

p. 29 (1) *Cappadox* Alonso-Zarazaga & Lyal should be transferred to *Phloeophilus* Schoenherr as a junior synonym (**syn.nov.**) (p. 31). We overlooked, in creating this genus as a substitute for Lacordaire’s concept of *Phloeophilus*, that the type species we proposed is the same as for *Platynorhynchus* Schoenherr, 1839, making these genera objective synonyms. *Platynorhynchus* Schoenherr, 1839 has no distinctive characters at the generic level separating it from *Phloeophilus* Schoenherr, 1833, and we here synonymise the two genera (**syn.nov.**).

p. 29 (2) *Diastatotropis* Lacordaire, 1866 should be placed as Anthribinae *incertae sedis* (p. 36, before *Entromus*).

p. 29 (3) *Eczesaris* Pascoe, 1859 should be transferred to Mecocerini (p. 31, before *Mecotropis*).

p. 29 (4) *Ethneca* Pascoe, 1860 should be transferred to Mecocerini (p. 31, after *Eczesaris*).

p. 29 (5) *Perroudius* Holloway, 1982 should be placed as Anthribinae *incertae sedis* (p. 37, before *Phymatus*).

p. 29 (6) *Systellorhynchus* Blanchard, 1849 should be placed as Anthribinae *incertae sedis* (p. 37, before *Taburnus*). The date of publication of the type species should be corrected to 1849.

Oxycorynidae

p. 40 Proterhinidae Sharp, 1899 should have a semi-colon following the family name. Before this entry should be “=Proterhinides Fauvel, 1891-154 [*Proterhinus* Sharp]”, and after it “=Proterhinini; Fauvel, 1903”, and then “=Aglycyderini; Fauvel, 1904”.

Rhynchitidae

p. 41 (1) *Anisomerinus* Voss, 1933b. The data of the synonym *Anisomerinus*: Voss, 1932-154,k should be changed to 1932b.

p. 41 (2) *Ecnomonychus* Voss, 1933b. The date of the synonym *Ecnomonychus* Voss, 1932-154,k should be changed to 1932b.

Attelabidae

p. 44 (*Mesitolabus*) Voss, 1936f. The date of publication should be changed to 1936d.

p. 45 The following genus should be placed in Attelabini *incertae sedis*:

Oedeuops Zhang, 1989 (+)

M; *O. ephemera* Zhang, 1989; OD-CD

Distribution: Tertiary of Shandong (China)

Apionidae

p. 58 (1) *Hypuranius*. The authorship should be changed to Korotyaev, 1995.

p. 58 (2) *Sergiola*. The authorship should be changed to Korotyaev, 1995.

p. 59 *Eutrichapion* Reitter, 1916. The date of the synonym *Eutrychapion*: Hoffmann, 1952-143 should be changed to to 1953b.

Brachyceridae

p. 62. Brotheini Marshall, 1907 is a junior homonym of Brotheini Simon, 1879 (Scorpiones). The entry should be changed to Brotheusini Alonso-Zarazaga and Lyal, h.o., and a new first line added to the synonymy list reading “Brotheini Marshall, 1907, non Brotheini Simon, 1879 (Scorpiones)”

Eirihinidae

p. 70 *Syrdariella* Ter-Minasian, 1978. The date of publication should be changed to 1977, as should that of its type species.

Curculionidae

p. 82 (*Desmoris*) LeConte, 1876. The gender of this name is F<M>. From LeConte’s discussion, it is obvious that the etymology is based on the Greek words *desmós* (tie or constriction) and *rhís* (nose, referring to the rostrum), incorrectly latinised as *ris* (but correctly rendered in the tribal name based on this genus, Desmorhines). Since the Greek word *rhís* is feminine, LeConte’s original use as masculine is faulty and must be corrected (Art. 30.1.1).

p. 86 (1) *Heterochyromera* Kojima & Morimoto, 1996. The authorship of the synonym *Heterochyromera*: Morimoto & Kojima should be reversed, to read “Kojima & Morimoto”.

P. 86 (2) *Menecopes* Faust, 1896b. The authorship of the synonym *Menecops*: Morimoto & Kojima should be reversed, to read “Kojima & Morimoto”, and the date of publication changed from 1995 to 1995c.

p. 89 *Baris* Germar, 1817. The publication date of the synonym *Barridius*: Hummel, 1827 should be changed to 1829.

p. 95 *Codmius* Faust, 1895e should be moved from Baridinae Madarini Tonesiina to Conoderinae Campyloscelini Corynemerina, and placed on p. 109 before *Corynemerus* Fåhraeus, 1871.

p. 104 (1) *Ceutorrhynchus* Germar, 1824 (entry begins on p. 103). The publication date of the synonym *Ceuthorrhynchos*: Frivaldszky, 1893 should be changed to 1894.

p. 104 (2) *Ethelcus* Reitter, 1916. The publication date of the synonym *Ethlecus*: Hoffmann 1954b should be changed to 1955.

p. 108 (1) *Pelenomus* C. G. Thomson, 1859. The publication date of the synonym *Paleonomus*: Hoffmann, 1954b should be changed to 1955.

p. 108 (2) *Homorosoma* Frivaldszky, 1894. The original genus of the type species should to be corrected to “*Ceuthorrhynchos*”.

p. 108 (3) *Rutidosoma* Stephens, 1831. The publication date of the synonym *Rhydidosoma*: Hoffmann, 1954b should be changed to 1955.

p. 109 (1) *Cnemoxys* Marshall, 1956 should have added, as a junior synonym,
= *Lavabrenymus* Hoffmann, 1966.

Although Marshall did not mention the peculiar male procoxal apophyses, the male specimens of his species *C. maynei* Marshall, 1956 do have these structures. Hoffmann’s species *Lavabrenymus armatus* Hoffmann, 1966 also possess structures of a very similar kind, and we here propose the **New Synonymy** *Cnemoxys* Marshall, 1956

= *Lavabrenymus* Hoffmann, 1966, and the **New Combination** *Cnemoxys armatus* (Hoffmann, 1966).

p. 109 (2). *Lavabrenymus* Hoffmann, 1966 should be placed in synonymy with *Cnemoxys* Marshall, 1956, q.v.

p. 109 (3) Before *Corynemerus* Fåhræus, 1871, the following genus should be added: *Codmius* Faust, 1895e, moved from Baridinae on p. 95.

p. 117 *Allopentarthrum* Kuschel, 1986. The publication date of the synonym *Allopentarthrum*: Voss, 1936f should be changed to 1936d.

p. 118 *Echinomorphus* Fauvel, 1906. The publication date of the synonym *Echinoderes*: Hoffmann, 1954b should be changed to 1955.

p. 119 *Pselactus* Broun, 1886. The publication date of the synonym *Pselachus*: Hoffmann, 1954b should be changed to 1955.

p. 122 *Neohexarthrum* Hoffmann, 1954b. The publication date should be changed to 1955.

- p. 135** *Mechistocerus* Fauvel, 1863-159. The citation date and page number should be changed to 1862-42.
- p. 143** (1) GRONOPINA Bedel, 1884. The publication date of the synonym *Gronopsini*: Hoffmann, 1954b should be changed to 1955.
- p. 143** (2) *Depresseremiarhinus* Pic, 1914 should be moved before *Gronops* Schoenherr, 1823 to maintain the alphabetic order of genera.
- p. 144** *Haversiella* Schweiger, 1958. The publication date should be changed to 1959.
- p. 145** *Entimus* Germar, 1817 (entry begins on p. 144). The authorship of the synonym *Curculio* Gistel, 1848-134 should be changed to Gistel.
- p. 150** *Cratopini* Hustache, 1919 is based on the genus name *Cratopus* Schoenherr, 1823. We overlooked that the last element of the generic name is formed from the Greek word *pous* (foot), whose genitive is *podos*. Consequently, the stem is Cratopod- and the correct tribal name, according to Art. 29.3.1 of the Code, is **Cratopodini**.
- p. 167** *Kocheriana* Hoffmann, 1952. The publication date of the genus should be changed to 1953b and that of its type species to 1953.
- p. 168** The synonyms *Panaphilis* Dejean, 1821 and its misspelling *Panaphilus* Ersch & Gruber, 1838, currently placed under (*Otiorrhynchus*), should be deleted from here and transferred to p. 169, under (*Thalycrynychus*).
- p. 169** (*Thalycrynychus*) Reitter, 1912. The genera *Panaphilis* Dejean, 1821 and *Panaphilus* Ersch & Gruber, 1838 should be moved from synonymy under (*Otiorrhynchus*) on p. 168 and added as synonyms.
- p. 170** *Sciobius* Schoenherr, 1823. Swaziland and Lesotho should be added to the Distribution. The record from Angola is based on *S. paivanus* Wollaston, which is only questionably included in the genus.
- p. 175** (1) (*Diachelus*) Desbrochers, 1902b. The publication date should be changed to 1902c, and the date of the type designation citation by subsequent monotypy to 1902d.
- p. 175** (2) (*Eustolomorphus*) Desbrochers, 1902. The date of the type designation citation by subsequent monotypy should be changed to 1902b.

p. 175 (3) (*Chomatocryptus*) Desbrochers, 1902c. The publication date should be changed to 1902d.

p. 175 (4) (*Rhinocoetus*) Desbrochers, 1902. The date of the type designation citation by subsequent monotypy should be changed to 1902b.

p. 176 *Brachysomus* Schoenherr, 1823. The genus *Pseudoptochus* Formánek, 1905, from p. 177, should be added as a junior synonym; we overlooked Yunakov's (1998) synonymy.

p. 177 *Pseudoptochus* Formánek, 1905 should be deleted and transferred to p. 176 as a synonym of *Brachysomus* Schoenherr, 1823.

p. 179 The subgenera *Acercomecus*, *Gnathomecus* and *Hypesamus* should be deleted from synonymy under *Esamus* Chevrolat, 1880 and transferred as subgenera under *Megamecus* Reitter, 1903 on the same page. We overlooked this transfer when we considered that *Esamus* and *Megamecus* were different genera.

p. 201 *Gonzalezanthus* Alonso-Zarazaga & Lyal. The gender of this name is M; 'F' in the original is a misprint.

p. 211 *Stenops*: Dejean, 1835. The author's name of its synonym *Orchamenus*: Gistel, 1848-XI should be changed to Gistel.

References

p. 213 The following reference should be added:

BEDEL, L. 1887. Faune des Coléoptères du Bassin de la Seine. Vol. VI. Rhynchophora. *Annales de la Société entomologique de France*, (6)7(2), Publication Hors Série: 329–360. [15-VIII-1887]

p. 214 (1) The following reference should be added:

BLACKBURN, T. 1885. In BLACKBURN, T. & SHARP, D. 1885, q.v.

p. 214 (2) The following reference should be added:

BLACKBURN, T. & SHARP, D. 1885. Memoirs on the Coleoptera of the Hawaiian Islands. *Scientific Transactions of the Royal Dublin Society*, (2)3, fasc 6: 119–289, 300 + pl. IV–V. [February, 1885]

p. 214 (3) The following reference should be added:

BLATCHLEY, W. S. 1916. In BLATCHLEY, W. S. & LENG, C. W. 1916, q.v.

p. 214 (4) The following references should be added:

BOHEMAN, C. H. 1836. In SCHOENHERR, C. J. 1836, q.v.

BOHEMAN, C. H. 1838. In SCHOENHERR, C. J. 1838, q.v.

BOHEMAN, C. H. 1843. In SCHOENHERR, C. J. 1843, q.v.

BOHEMAN, C. H. 1844. In SCHOENHERR, C. J. 1844, q.v.

p. 216 The following reference should be added:

BURKE, H. R. 1960. A new genus and two new species of weevils from Texas with notes on others (Curculionidae). *Coleopterists Bulletin*, 14(4): 121–127. [XII-1960]

p. 219 The following reference should be added:

CLARK, W. E. 1993. Huaca Clark, a new genus of Neotropical Anthonomini (Coleoptera: Curculionidae). *Transactions of the American Entomological Society*, 119(1): 1–45. [20-III-1993]

p. 221 DESBROCHERS, J. 1902. This reference should be deleted and replaced with the following two:

DESBROCHERS, J. 1902. Révision des Curculionides appartenant aux genres Eudipnus et Conocoetus et genres voisins at au groupe des Scythropidae, suivie de rectifications synonymiques observations diverses. *Le Frelon*, 10(8): 113–128. [8-IV-1902]

DESBROCHERS, J. 1902b. Révision des Curculionides appartenant aux genres Eudipnus et Conocoetus et genres voisins at au groupe des Scythropidae, suivie de rectifications synonymiques observations diverses. [cont.]. *Le Frelon*, 10(9): 129–136. [18-IV-1902]

p. 222 (1) DESBROCHERS, J. 1902b. This reference should be deleted and replaced with the following two:

DESBROCHERS, J. 1902c. Révision des Curculionides de la faune Européenne et circa-méditerranéenne en Afrique et en Asie, appartenant au Groupe des Scythropidae. *Le Frelon*, 10(9): 137–144. [18-IV-1902]

DESBROCHERS, J. 1902d. Révision des Curculionides de la faune Européenne et circa-méditerranéenne en Afrique et en Asie, appartenant au Groupe des Scythropidae. *Le Frelon*, 10(10): 145–158. [13-V-1902]

p. 222 (2) The following reference should be added:

DUMÉRIL, M. C. 1827. Rhinocères ou Rostricornes. Pp. 327–351. In: *Dictionnaire des Sciences Naturelles*, 45 (RE-ROCHER): 1–548.

p. 225 (1) After some bibliographical research, we note that the reference we gave for FAUVEL, A. 1863 should be dated as of 1862. Volume 7 of the *Bulletin de la Société*

Linnéenne de Normandie is recorded as received by the Société Entomologique de France during the year 1862 (*Bulletin Entomologique, Société entomologique de France*, (4)2: LXX) and Gerstäcker (1863. *Arch. f. Naturg.*, 29(2): 369) records it as published in 1862 as well, although *Bibliographie de la France*, 52(7): 70 mentions it under nr. 1273, and this fascicule is dated 14 February 1863 on p. 69. On the contrary, Fauvel's *Notices Entomologiques* vol. 1 is recorded by *Bibliographie de la France*, 51(37): 415, nr. 7947, dated on p. 413 as of 13 September 1862. Accordingly, we must give precedence to Fauvel's *Notices Entomologiques* and consider that the *Bulletin* must be dated as of 31 December 1862. Our previous date and page references for Fauvel's genera were correct in two cases (out of three), but the reference given was not; relevant date and page references for Fauvel's genera are modified above.

p. 225 (2) The following three references should be added after Fauvel, A. 1867:

FAUVEL, A., 1891, Les Coléoptères de la Nouvelle-Calédonie et Dépendances. Avec descriptions, notes et synonymies nouvelles (1). *Revue d'Entomologie*, **X**(6), 148–182. [Received London 14-X-1891]

FAUVEL, A., 1903, Faune analytique des Coléoptères de la Nouvelle-Calédonie. *Revue d'Entomologie*, **XXII**, 203–378. [pp. 203–256 in Nos 7 & 8; pp. 257–304 published IX-1903, in Nos 9 & 10, pp. 305–320 published X-1904, in Nos 9&10; pp. 321–352 published XI-1903, in No. 11; pp.353–378 published XII-1903, in No. 12].

FAUVEL, A., 1904, Faune analytique des Coléoptères de la Nouvelle-Calédonie. 2^e Partie (1). *Revue d'Entomologie*, **XXIII**, 113–208. [pp 113–128 in Nos. 4&5, published V-1904; pp 129–208 in No. 6, published VI-1904].

p. 227 The following references should be added:

GERMAR, E. F. 1834. In SCHOENHERR, C. J. 1834, q.v.
GERMAR, E. F. [1835]. In SCHOENHERR, C. J. [1835], q.v.

p. 228 The following reference should be added:

GYLLENHAL, L. 1833. In SCHOENHERR, C. J. 1833, q.v.

p. 230 (1) The following reference should be added:

HOFFMANN, A. 1953b. Curculionides inédits du Nord de l'Afrique. *Bulletin de la Société entomologique de France*, 57(9): 134–143. [8-I-1953]

p. 230 (2) The reference to Hoffmann, A. 1954b should be changed to 1955. We overlooked that on p. 1208 of this book, the “Dépot legal” is dated “4^e trimestre 1955”. For the moment, we date this book as of 31st December 1955.

p. 232 Reference to Hustache, A. 1936f is a mistake and should be deleted.

p. 238 (1) The following reference should be added:

KOJIMA, H. & MORIMOTO, K. 1995c. The tribe Ochyromerini (Coleoptera, Curculionidae) of Japan. 1. Genera with six segments in the funicle. *Japanese Journal of Entomology*, 63(3): 557–571. [25-IX-1995]

p. 238 (2) The following reference should be added:

KOROTYAEV, B. A. 1995. In KOROTYAEV, B. A. & EGOROV, A. B. 1995, q.v.

p. 241 (1) The following reference should be added:

LECONTE, J. L. 1876. In LECONTE, J. L. 1876 & HORN, G. H. 1876, q.v.

p. 241 (2) The following reference should be added:

LOUW, S. vdM. 1993. Systematics of the Urodontidae (Coleoptera: Curculionoidea) of southern Africa. *South Africa Department of Agriculture Entomology Memoir*, 87: i–iii + 1–92. [VII-1993]

p. 248 PASCOE, F. P. 1960b. Correct date is 1860b. The reference should be placed in correct position on p. 247.

p. 251 The current reference to SAINTE CLAIRE DEVILLE, J. 1924 should be deleted and the following two put in its place:

SAINTE CLAIRE DEVILLE, J. 1923. *Faune des Coléoptères du Bassin de la Seine par Louis Bedel. Supplément aux Rhynchophora. Rédigé d'après les notes de L. Bedel.* Vol. 6 bis, (1): 1–80. Paris, Société Entomologique de France, Publication Hors Série.

SAINTE CLAIRE DEVILLE, J. 1924. *Faune des Coléoptères du Bassin de la Seine par Louis Bedel. Supplément aux Rhynchophora. Rédigé d'après les notes de L. Bedel.* Vol. 6 bis, (2): 81–159. Paris, Société Entomologique de France, Publication Hors Série.

p. 253 (1) The following reference should be added:

SHARP, D. 1885. In BLACKBURN, T. & SHARP, D. 1885, q.v.

p. 253 (2) SHARP, D. 1886. “+ pl. XII–XIII” should be added to the end of the reference.

p. 255 The following reference should be added:

SMRECZYŃSKI, S. 1965. Chrząszcze - Coleoptera. Ryjkowce - Curculionidae. Wstęp i podrodzina Apioninae. *Klucze do Oznaczania Owadów Polski*, 19(98a): 80 pp.[V-1965]

p. 256 The following reference should be added:

TER-MINASIAN, M. E. 1988. Zhuki-dolgonosiki podsemejstva Cleoninae Fauny SSSR. Kornevye dolgonosiki (triba Cleonini). *Opređeliteli po faune SSSR, izdavaemye Zoologicheskim Institutom Akademii Nauk SSSR*, 155: 1–232. [Not before 26-VII-1988]

p. 263 The following reference should be added:

ZHANG, J. 1989. *Fossil insects from Shanwang, Shandong, China*. Shandong Science and Technology Publishing House, Jinan. 459 pp., 92 pl.

Corrections to Addenda and Corrigenda (Alonso-Zarazaga & Lyal, 2002)

p. 2 The references in this and following pages of the text to Morrone (1997c) or to Morrone (1998) should be changed to Morrone (1998b).

p. 36 (1) The reference to Kuschel, W. (1962b) should be changed to Kuschel, G. (1962b).

p. 36 (2) The reference to Morrone, J.J. (1998) should be changed to (1998b).

Acknowledgments

We thank Robert Frieser for information regarding the current taxonomic status of *Platynorhynchus* and *Phloeophilus*, and Joachim Rheinheimer for drawing our attention to the problem posed by *Cappadox*.

References

- Alonso-Zarazaga, M.A. & Lyal, C.H.C. (2002) Addenda and Corrigenda to 'A World Catalogue of Families and Genera of Curculionoidea (Insecta: Coleoptera)'. *Zootaxa*, 63, 1–37.
- Kania, J. (1999) New name for *Mroczkowskiella* Kania, 1997 (nec *Mroczkowskiella* Mazur, 1984) (Coleoptera: Curculionidae: Brachyderinae). *Genus (Wrocław)* 10(1), 164. [31-III-1999].
- Yunakov, N.N. (1998) Synonymy and notes of morphology and distribution of some little known species of the genus *Brachysomus* Schoenherr (Coleoptera, Curculionidae). New data on the fauna and systematics of weevils from Ukraine and adjacent territories. *The Kharkov Entomological Society Gazette*, 6, 37–40. [in Russian]