

Further additions and corrections to Enumeratio Coleopterorum Fennoscandiae, Daniae et Baltiae

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The latest checklist of North European Coleoptera was published in 1992, additions and corrections to it in 1997, and they are now updated with information on new distributional records for the different countries, and with taxonomic and nomenclatural changes. All these additions and corrections are based on published papers.

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The latest checklist of North European Coleoptera (Silfverberg 1992) was published some years ago, and one list of additions and corrections a few years later (Silfverberg 1997a). The study of these insects has continued, and a considerable number of additions has already been reported. In a few cases recent work has also made it necessary to change some of the names hitherto used.

This paper lists only such additions or changes that have been published, except for some minor corrections, which primarily concern printing errors. References to such publications are given in square brackets, so as to make them immediately distinguishable from any species authors.

In a study of Estonian Scolytidae Voolma & al. (1998) suggested that a number of species should be deleted from the Estonian list, since the records were considered doubtful. In a later work (Voolma & al. 2000) they have accepted some of them as Estonian, and that opinion is followed here.

In order to save space, the following abbreviations are used: [B97] = [Barševskis 1997], [B01a] = [Barševskis 2001a], [C01] = [Cibulskis 2001], [G93] = [Gaidienė 1993], [H97] = [Hanssen & al. 1997], [J99] = [Jansson 1999], [PM95] = [Pileckis & Monsevičius

1995], [PM97] = [Pileckis & Monsevičius 1997], [S97] = [Silfverberg 1997a], [T97] = [Telnov & al. 1997], [ØL00] = [Ødegaard & Ligaard 2000]

p. 1

Trachypachus zetterstedtii (Gyll.) — add A [Barševskis 1999, B01a]

Leistus rufomarginatus Duft. — add AI [B01a]

Carabus problematicus gallicus Géh. — delete SND [Březina 1999]

Carabus problematicus relictus Hellén and *Carabus problematicus wockei* Born — synonymize with *Carabus problematicus muellerstedti* Reitter, 1896 and add D [Březina 1999]

Diacheila polita (Fald.) — add N [H97]

p. 2

Dyschirius nigricornis Motsch. — delete A [Barševskis 2002, cf. S97]

Dyschirius melancholicus Putz. — add A [Barševskis 2002]

Dyschirius laeviusculus Putz. — add I [PM95]

Dyschirius rufipes (Dej.) — delete A [Barševskis 2002, cf. S97]

Asaphidion curtum (Heyd.) — add A [Barševskis 2002]

Bembidion obtusum (Serv.) — add N AI [G93, Hansen & al. 1999, Barševskis 2002]

p. 3

Bembidion andreae (F.) — change to *B. cruciatum* Dejean, 1831 (*andreae* auct. nec F.) [Lucht & Klausnitzer 1998]

Bembidion azurescens (D.T.) — add F [Westman & al. 2000]

Bembidion fumigatum (Duft.) — add N A [H97, Barševskis 2002]

Bembidion quadripustulatum Serv. — add D [Hansen & al. 1999]

Bembidion lunulatum (Geoffr.) — delete N [Vik 1993]

Bembidion aeneum Germ. — add A [Savich 1998]
After *Bembidion guttula* (F.) — add *B. neresheimeri* Müller, 1929 AI [PM95, Barševskis 2002]

Tachys bistriatus (Duft.) — add I [PM95]

Pterostichus adstrictus Eschz. — delete A [Barševskis 2002, cf. S97]

Pterostichus quadrioveolatus Letzn. — add I [B01a]

Pterostichus rhaeticus Heer — add E I [B01a, Iivarinen 2001b]

p. 4

After genus *Synuchus* Gyll. — add **Platyderus** Stephens, 1828, with *P. ruficollis* (Marsham, 1802) N [Skartveit & al. 2000]

Agonum consimile (Gyll.) — delete A [Barševskis 2002, cf. S97]

Agonum munsteri (Hellén) — add A [Savich 1998]

Agonum hypocrita Apf. — add S D A [Ljungberg 1996, Hansen 1998, cf. S97]

Agonum duftschmidti Schm. — add D AI [Ljungberg 1996, Hansen 1998, B01a, cf. S97]

Agonum holdhausi (Apfelbeck, 1904) [cf. S97] — change to *A. longicorne* Chaudoir, 1846 (*holdhausi* (Apf.)) [Lucht & Klausnitzer 1998]

After *Amara plebeja* (Gyll.) — add *A. concinna* Zimmermann, 1832 I [PM95]

Amara convexior Steph. — add I [PM95]

Amara anthobia V. & V. — add A [T97]

Amara erratica (Duft.) — add A [Barševskis 2002]

p. 5

Amara crenata Dej. — change ? to I [PM95]

Amara gebleri Dej. — add N E I [Sagvolden & Hansen 1996, B01a]

Before *Chlaenius tristis* (Schall.) — add *C. spoliatus* (Rossi, 1790) I [PM95]

Oodes gracilis Villa & Villa — add I [B01a]

Badister meridionalis Puel — add I [B01a]

Badister sodalis (Duft.) — add N [H97, Hansen & al. 1999]

Badister collaris Motsch. — add I [B01a]

Ophonus signaticornis (Duft.) — add I [Tamutis 1999]

After *Harpalus smaragdinus* (Duft.) — add *H. caspius* (Steven, 1806) (*roubali* Schauburger, 1928) I [PM95]

After *Harpalus autumnalis* — add *H. atratus* Latreille, 1804 I [G93]

Harpalus solitarius Dej. — add I [G93, PM95]

Harpalus modestus Dej. — delete A [Barševskis 2002, cf. S97]

p. 6

Harpalus picipennis (Duft.) — add E [B01a]

Harpalus pumilus Sturm — add I [B01a]

Anisodactylus signatus (Panz.) — add I [G93]

Bradycellus ponderosus Lindr. — delete as an obviously mislabelled specimen of *Psychristus discretus* Andrewes, 1930 [Jaeger 1999]

Bradycellus verbasci (Duft.) — add N [Hansen & al. 1999]

Acupalpus exiguus Dej. — add E I [PM95, B01a]

Acupalpus interstitialis Rtt. — add A [B97]

Demetrius imperialis (Germ.) — add N E I [Sagvolden & Hansen 1996, G93, PM95, B01a]

Dromius linearis (Ol.) — add N E [ØL00, Miländer 1999, B01a]

p. 7

Haliphus wehnckeii Gerh. — synonymize with *H. sibiricus* Motsch. [Lundmark & al. 2001]

Bidessus grossepunctatus Vorbr. — add I [B01a]

Hydroglyphus pusillus F. — change to *H. geminus* (Fabricius, 1792) (*pusillus* (Fabricius, 1781) nec (Müller, 1776)) [Nilsson 2001]

Hydroglyphus hamulatus (Gyll.) — add I [PM95]

Hydroporinae Erichson, 1837, and **Hydroporini** Erichson, 1837 — change author to Aubé, 1836 [Nilsson & Roughley 1997]

Hydroporus picicornis J.Sahlb. — transfer to **Hydrocolus** as *H. sahlbergi* Nilsson, 2001 (*picicornis* (J.Sahlberg, 1875) nec (Chevrolat, 1863)) (p. 8) [Nilsson 2001]

Hydroporus glabriusculus Aubé — add A [Barševskis 1999]

p. 8

Hydroporus submuticus Thoms. — add K [Nilsson & Holmen 1995]

Hydroporus notatus Sturm — add A [B01a]

After *Hydroporus Clairv.* — add **Hydrocolus** Roughley & Larson, 2000, with species *H.*

- sahlbergi* Nilsson (cf. p. 7).
Nebrioporus assimilis (Payk.) — add I [PM95]
Agabus didymus (Ol.) — add I [G93]
Agabus biguttulus (Thoms.) — add I [G93]
Agabus levanderi Hellén — change to *A. discolor* (Harris, 1828) (*levanderi* Hellén, 1929) [Nilsson 2001]
Agabus melanocornis Zimm. — change to *A. montanus* (Stephens, 1828) (*melanocornis* Zimm.) [Lucht & Klausnitzer 1998]
Agabus wasastjernai (Sahlb.), *opacus* Aubé, *chalconatus* (Panz.), *montanus* (Steph.), *neglectus* Er., *subtilis* Er. and *erichsoni* Gemm. & H. — transfer to *Ilybius* [Nilsson 2001]

p. 9

- Ilybius angustior* (Gyll.) — add I [B01a]
Ilybius similis Thoms. — add I [G93]
 After *Rhantus bistratus* (Bergstr.) — add *R. consputus* (Sturm, 1834) I [PM95]
Rhantus incognitus Scholz — add A [B01a, cf S97]
Rhantus latitans Sharp — add I [B01a]
Rhantus fennicus Huldén — add K [Rutanan & Kashevarov 1997]
Laccophilus ponticus Sharp — change to *L. poecilus* Klug, 1834 (*ponticus* Sharp, 1882) [Nilsson 2001]
Cybister lateralimarginalis (DeG.) — add I [G93, PM95]
Gyrinus opacus Sahlb. — add E I [B01a]
Gyrinus aeratus Steph. — add I [PM95, B01a]
Gyrinus pullatus Zaitz. — add I [B01a]
 After *Gyrinus substriatus* Steph. — add *G. urinator* Illiger, 1807 I [PM95]
Gyrinus caspius Mén. — add AI [PM95, Barševskis 1999, B01a]

p. 10

- Microsporidae** Reichardt, 1976 — change to **Sphaeriusidae** Erichson, 1845 (**Microsporidae** Crotch, 1873) [Opinion 1957]
Microsporus Kolenati, 1846 — change to **Sphaerius** Waltl, 1838 (**Microsporus** Kolenati, 1846) [Opinion 1957]
Sphaerius acaroides Waltl — add AI [T97, PM95]
Helophorus arvernicus Muls. — add A [B97]
Helophorus fulgidicollis Motsch. — add N [Ødegaard 1994]
Helophorus pumilio Er. — delete F [Valtonen 2001]
Helophorus strigifrons Thoms. — add I [PM95]

- Helophorus obscurus* Muls. — delete FK, add N [Valtonen 2001, Hansen & al. 1999]
Hydrochus elongatus (Schall.) — add A [B01a]
Hydrochus carinatus Germ. — change to *H. cre-natus* (Fabricius, 1792) (*carinatus* Germar, 1824) [Hansen 1999]
Hydrochus angustatus Germ. — add A [B01a]
Berosus signaticollis (Charp.) — add F, change N to ? [Rassi 2001, Vik 1993]
Laccobiini Bertrand, 1967 — change year to 1954 [Hansen 1999, cf. S97]
Laccobius biguttatus Gerh. — change to *L. colon* (Stephens, 1829) (*biguttatus* Gerh.); add N [Lucht & Klausnitzer 1998, Ødegaard 1994]
Enochrus fuscipennis (Thoms.) — add I [G93]

p. 11

- Hydrophilus piceus* (L.) — add A [T97]
Cercyon obsoletus (Gyll.) — add I [G93]
Cercyon bifenestratus Küst. — add N [Sagvolden & Hansen 2001]
Cercyon atricapillus (Marsh.) (*nigriceps* (Marsh.)) — change to *C. nigriceps* (Marsh.) (*atricapillus* (Marsh.)); add A [Hansen 1999, T97]
Cercyon convexiusculus Steph. — add A [J99]
Cercyon sternalis (Sharp) — add A [J99]
Megasternum obscurum (Marsh.) — change to *M. concinnum* (Marsham, 1802) (*obscurum* (Marsham, 1802)) [Hansen 1999]
Cryptopleurum crenatum (Panz.) — add A [B01a]
Sphaeridium marginatum F. — add N I [Ødegaard 2001, Balčiauskas & al. 1998]
Ochthebius rugulosus Woll. — delete and replace with *O. alpinus* (Ienișteea, 1979) FKSN and *O. hungaricus* Endrödy-Younga, 1967 FK E [Jäch 1998]
 After *Ochthebius nilssoni* Heb. — add *O. metallescens* Rosenhauer, 1847 I, and *O. pusillum* Stephens, 1835 I [PM95]
Limnebius papposus Muls. — add I [PM95]
Limnebius nitidus (Marsh.) — add I [PM95]

p. 12

- Ptenidium turgidum* Thoms. — add A [J99]
Ptenidium pusillum (Gyll.) — add A [Barševskis 2001b]
 After *Ptenidium pusillum* (Gyll.) — add *P. longicorne* Fuss, 1848 A [T97, Telnov 1999]
Ptenidium nitidum (Heer) — add A [Barševskis 2001b]
Actidium boudieri (Allib.) — add A [Barševskis

- 2001b]
Actidium coarctatum (Halid.) — add D [Sörensson 2000]
Oligella foveolata (Allib.) — add A [Barševskis 2001b]
Micridium halidaii (Matth.) — add A [Barševskis 2001b]
Ptilium myrmecophilum (Allib.) — add A [T97]
Ptilium exaratum (Allib.) — add A [Barševskis 2001b]
Euryptilium gillmeisteri Flach — add A [Barševskis 2001b]
Ptiliola brevicollis (Matth.) — add A [Barševskis 2001b]
Ptiliolium sahlbergi (Flach) — add A [Telnov 2001]
 After genus *Microptilium* Matth. — add **Baranowskiella** Sörensson, 1997, with *B. ehnstromi* Sörensson, 1997 F S [Sörensson 1997]
Ptinella tenella (Er.) — add D [Hansen & al. 2000]
Baeocrara japonica (Matth.) — add A [Barševskis 2001b]
Acrotrichis montandonii (Allib.) — add A [Barševskis 2001b]
Acrotrichis thoracica (Waltl) — change B to A [Barševskis 2001b]
Acrotrichis sericans (Heer) — add A [Telnov 1999]
Acrotrichis dispar (Matth.) — add A [Barševskis 2001b]
Acrotrichis parva Rossk. — add A [Barševskis 2001b]
Acrotrichis intermedia (Gillm.) — add A [T97]
Acrotrichis henrici (Matth.) — do not delete D [Hansen & al. 1998 & 1999, cf. S97]
Acrotrichis atomaria (DeG.) — add A [Telnov 1999]
Acrotrichis sitkaensis (Motsch.) — add A [T97, Barševskis 2001b]
Acrotrichis strandi Sundt — add A [J99]
- p. 13**
Leiodes inordinata (J.Sahlb.) — add N [ØL00]
Leiodes silesiaca (Kr.) — add I [PM95]
Leiodes rugosa Steph. — add A [B97]
Leiodes fracta (Seidl.) — change B to A [T97]
Leiodes bicolor (Schm.) — add I [PM95]
Leiodes ferruginea (F.) — add A [B01a]
Liocyrtusa Daffner — change to **Xanthosphaera** Fairmaire, 1859 (**Liocyrtusa** Daffner, 1982) [Perkovsky 1997]
Xanthosphaera minuta (Ahr.) — add A [B01a]

- Agaricophagus cephalotes* Schmidt — delete N, add A [Vik 1993, T97]
Liodopria serricornis (Gyll.) — add N A [H97, J99]
 Genera *Colenis* Er. and *Agaricophagus* Schmidt — separate into tribe **Pseudoliodini** Portevin, 1926 [Newton 1998]
Amphicyllis globiformis (Sahlb.) — add A [B01a]
Agathidium marginatum Sturm — add A [B01a]
Agathidium haemorrhoum Er. — add A [B01a]
Agathidium mandibulare Sturm — add A [B97]
Agathidium pallidum (Gyll.) — add K [Martikainen & al. 1998]
Agathidium rotundatum (Gyll.) — add A [B01a]
Agathidium plagiatum (Gyll.) — add A [B01a]
- p. 14**
Agathidium badium Er. — add I [B01a]
Agathidium pisanum Bris. — add A [J99]
Nicrophorus sepultor Charp. — add I [Tamutis 1999]
Nicrophorus fossor Er. — delete N [Vik 1993]
Choleva lederiana Rtt. — delete N, add E [Vik 1993, Roosileht 1999]
Choleva oblonga Latr. — add E [Roosileht 1999]
 After *Choleva oblonga* Latr. — add *C. nivalis* Kraatz, 1856 A [Telnov 2001]
Choleva cisteloides (Fröl.) — add I [PM95]
Choleva glauca Britt. — add E [Roosileht 1999]
Choleva angustata (F.) — add A [Telnov 2001]
Choleva spinipennis Rtt. — add A [B97]; delete I [PM95]
- p. 15**
Catops westi Krog. — add A [T97]
Catops fuliginosus Er. — add I [PM95]
Catops nigricans (Spence) — add K [Rutanen & Kashevarov 1997]
Colon pseudolatum Palm — add N [ØL00]
Colon brunneum (Latr.) — add A [Telnov 2001]
Platypsyllus castoris Rits. — add A [T97]
Eutheia linearis Muls. — add A [T97]
Eutheia scydaenoides Steph. — add A [T97]
Cephennium thoracicum Müll. & K. — delete I [PM95]
 After *Cephennium majus* Rtt. — add *C. laticolle* Aubé, 1842 A [T97]
Nevraphes ruthenus Mach. — add N [Sagvolden & Hansen 1996]
Nevraphes talparum Lokay — delete N [Sagvolden

- & Hansen 1996]
Scydmorephus helvolus Schaum — add A [T97]
Stenichnus godarti (Latr.) — add A [T97]
Stenichnus bicolor (Denny) — add A [B97]
Stenichnus poweri (Fowl.) — add N [H97]
- p. 16**
Microscydms minimus (Chaud.) — add A [Telnov 2001]
Euconnus pragensis (Mach.) — add N [Sagvolden & Hansen 1996]
Scydmaenus rufus Müll. & Kze. — add I [G93]
Scydmaenus hellwigii (Hbst.) — add A [T97]
Gabrius appendiculatus Sharp — add A [C01]
Gabrius velox Sharp — change to *G. austriacus* Scheerpeltz, 1947 (*velox* auct.); add A [Schillhammer 2001, C01]
Gabius coxalus (Hochh.) — change to *G. breviventer* (Sperk, 1835) (*coxalus* (Hochhuth, 1872)) [Herman 2001]; add A [J99, C01]
Gabrius vernalis (Grav.) — change to *G. osseticus* (Kolenati, 1846) (*vernal* (Gravenhorst, 1806) nec (Müller, 1776)) [Herman 2001]
 After *Gabrius osseticus* (Kolen.) — add *G. dufbergi* Gillerfors, 1997 S [Gillerfors 1997a]
Gabrius tirolensis (Luze) — add N [Sagvolden & Hansen 1996]
Gabrius trossulus (Nordm.) — add A [J99, C01]
Bisnius cephalotes (Grav.) — change B to E [Silfverberg 1999 - cf. S97]
Bisnius pseudoparcus (Brunne) — add N [ØL00 - cf. S97]
 After *Bisnius subuliformis* (Grav.) — add *B. varipennis* Scriba, 1864 (*scribai* Fauvel, 1867) I [PM95]
Philonthus discoideus (Grav.) — change B to A [T97]
Philonthus micantoides Ben. & Lohse — add F N A [Clayhills & al. 2000, Ødegaard 2001, B01a, C01, cf. S97]
Philonthus binotatus (Grav.) — add I [PM95]
 After *Philonthus cyanipennis* (F.) — add *P. caeruleus* (Lacordaire, 1835) A [C01]
Philonthus spinipes Sharp — add I [PM95]
Philonthus rotundicollis (Mén.) — add N [Vik 1993]
Philonthus temporalis Muls. & Rey — add A [T97]
Philonthus mannerheimi Fauv. — add N [H97]
- p. 17**
Philonthus marginatus (Ström) — change author to (Müller, 1764) [Herman 2001]
Philonthus lederi Epp. — add K [Rutanen & Kashevarov 1997]
Philonthus subvirescens Thoms. — add I [PM95]
Philonthus nitidicollis (Lac.) — add I [PM95]
Philonthus alpinus (Grav.) — add N [Vik 1993]
Philonthus immundus (Gyll.) — change to *P. rufipes* (Stephens, 1832) (*immundus* (Gyllenhal, 1810) nec (Gravenhorst, 1806)) [Herman 2001]
 After *Philonthus punctus* (Grav.) — add *P. linki* Solsky, 1866 I [PM95]
 After *Philonthus laevicollis* — add *P. montivagus* Heer, 1839 I [G93]
Philonthus coprophilus (Jarr.) — add A [B01a, C01, cf. S97]
Neobisnius lathrobioides (Baudi) — add E [Iivarinen 2001b]
Cafius xantholoma (Grav.) — add A [B97]
Platydracus chalcocephalus (F.) — change B to EA [Silfverberg 1999, T97]
Ocypus nero (Fald.) — change to *O. nitens* (Schrank, 1781) (*nero* (Faldermann, 1835)) [Herman 2001]; delete N [Vik 1993]
Ocypus cupreus (Rossi) — change to *O. sericeicollis* (Ménétriés, 1832) (*cupreus* (Rossi, 1790) nec (Geoffroy, 1785)) [Herman 2001, cf. S97]
 After genus *Ocypus* Leach — add **Tasgius** Stephens, 1829 (**Alapsodus** Tottenham, 1939) [Herman 2001]
Ocypus pedator (Grav.), *Ocypus ater* (Grav.), *Ocypus morsitans* (Rossi, 1790) (*compressus* (Marsham, 1802) nec (Geoffroy, 1785)), *Ocypus winkleri* (Bernh.), *Ocypus melanarius* (Heer) and *Ocypus globulifer* (Geoffr.) — transfer to **Tasgius** Steph. [Herman 2001]
Tasgius pedator (Grav.) — add D [Hansen & al. 1999]
Tasgius morsitans (Rossi) — add I [G93, PM95]
Heterothops stiglundbergi Isr. — add N [Ødegaard 1999]
Velleius dilatatus (F.) — add F [Forstén & al. 2000]
Quedius longicornis Kr. — change B to EA [Silfverberg 1999, Miländer 1999, T97]
Quedius assimilis (Nordm.) — change to *Q. fulgidus* (Fabricius, 1793) (*assimilis* (Nordmann, 1837)); change B to A [Herman 2001, T97]
Quedius ochripennis (Mén.) — add I [G93]
Quedius brevicornis Thoms. — put author in * parentheses [Herman 2001]

p. 18

Quedius puncticollis Thoms. — put author in parentheses [Herman 2001]

Quedius microps (Grav.) — omit parentheses from author [Herman 2001]

Quedius truncicola Fairm. & Lab. — add I [G93]

Quedius plagiatus (Mannh.) — add I [G93, PM95]

Quedius curtipennis Bernh. — add A [C01]

Quedius tristis (Grav.) — change to *Q. levicollis* (Brullé, 1832) (*tristis* (Gravenhorst, 1802) nec (Fabricius, 1793)); add A [Herman 2001, T97]

After *Quedius lucidulus* Er. — add *Q. riparius* Kellner, 1843 A [T97]

Quedius picipes (Mannh.) — add I [PM95]

Quedius pseudoumbrinus Lohse, 1958 — synonymize with *Q. umbrinus* Er. [Herman 2001]

Quedius nigriceps Kr. — add I [G93]

Quedius limbatoides Coiff. — change to *Q. limbatus* (Heer, 1839) (*limbatoides* Coiffait, 1963) [Herman 2001]

Quedius paradisianus Heer — put author in parentheses [Herman 2001, cf. S97]

Quedius aridulus Jansson — change to *Q. persimilis* Mulsant & Rey, 1876 (*aridulus* Jansson, 1939) [Herman 2001]

Leptacinus pusillus (Steph.) — change B to E [Silfverberg 1999]

Leptacinus formicetorum Märk. — change B to E [Silfverberg 1999]

Leptacinus othioides Baudi — change to *L. sulcifrons* (Stephens, 1832) [Lucht & Klausnitzer 1998]; — add A [C01]

Leptacinus intermedius Donisth. — add A [B97, B01a]

Nudobius lentus (Grav.) — add A [B97, Cibulskis 1998]

Hypnogyra glabra (Grav.) — change to *H. angularis* (Ganglbauer, 1895) (*glabra* (Gravenhorst, 1802) nec (Müller, 1776)) [Herman 2001]

Before *Xantholinus* Dej. — add **Leptophius** Coiffait, 1983 [Herman 2001]

Xantholinus flavocinctus (Hochh.) — transfer to **Leptophius** Coiff. [Herman 2001]; add I [PM95, cf. S97]

Xantholinus longiventris Heer — delete N, add A [Vik 1993, J99, B01a]

Xantholinus rhenanus Coiffait, 1962 — change to *X. gallicus* Coiffait, 1956 (*rhenanus* Coiffait,

1962) — [Assing & Schülke 2001, cf. S97]

Xantholinus meyeri Drugm. — change back to *X. tricolor* (F.) [Herman 2001, cf. S97]

Xantholinus laevigatus Jac. — add I [PM95]

Othius lapidicola Kiesw. — change author to Märkel & Kiesenwetter, 1847 [Assing 1997b]

After *Othius lapidicola* — add *O. laeviusculus* Stephens, 1832 I [G93]

p. 19

Othius volans J.Sahlb. — add N A [Ødegaard & Andersen 1994, B97]

Othius myrmecophilus Kiesw. — change to *O. subuliformis* Stephens, 1833 (*myrmecophilus* Kiesenwetter, 1843) [Assing 1997b]

Atrecus longiceps (Fauv.) — add A [B97, T97]

Paederus brevipennis Lac. — add I [G93]

Astenus procerus (Grav.) — add A [B01a, C01]

Astenus longelytratus Palm — change to *A. lyonessius* (Joy, 1908) (*longelytratus* Palm, 1936) [Assing 1999b] — add A [B99]

Astenus pulchellus (Heer) — add AI [C01, PM95]

Rugilus scutellatus (Motsch.) — change to *R. fragilis* (Gravenhorst, 1806) (*scutellatus* (Motschulsky, 1858)), add I [Assing & Schülke, 1999, Tamutis & Zolubas 2001]

Rugilus geniculatus (Er.) — add A [B97]

Sunius melanocephalus (F.) — add A [B01a, C01]

Lithocharis nigriceps Kr. — add A [Cibulskis 1998]

Lithocharis fuscipennis Kr. — delete S [Lundberg 1996b (“*fuscicornis*”), cf. S97]

Scopaeus cognatus Muls. & R. (*sulcicollis* auct.) — change to *Scopaeus sulcicollis* (Stephens, 1833) (*cognatus* Muls. & R.) [Frisch 1997]

Scopaeus pusillus Kiesw. — add A [B01a]

Scopaeus minimus Er. — change to *Scopaeus ryei* Wollaston, 1872 (*minimus* auct.) [Lucht & Klausnitzer 1998]

Lathrobium multipunctum (Grav.) — add E I [Iivarinen 2001b, PM95]

Lathrobium zetterstedti Rye — change B to A [Cibulskis 1998]

Lathrobium scutellare Nordm. — add AI [C01, PM95]

Lathrobium rufipenne Gyll. — change B to A [T97]

Lathrobium boreale Hochh. [cf. S97] — change back to *L. volgense* Hochhuth, 1851 [Lucht & Klausnitzer 1998]

Lathrobium castaneipenne Kolen. — add D A

[Hansen & al. 1998, Cibulskis 1998]
Edaphus beszedesi Rtt. (*bluehweissi* Scheerp.) —
 add i (for A) [C01]

p. 20

Stenus atratulus Er. — change B to EA [B01a, T97]
Stenus nitens Steph. — add A [B01a, C01]
Stenus ageus Cas. — add A [J99]
 After *Stenus cautus* Er. — add *S. mendicus* Erich-
 son, 1840 A [C01]
Stenus incanus Er. — add A [B01a, C01]
Stenus nanus Steph. — add A [C01]
Stenus assequens Rey — add E [Miländer 1999]
Stenus opticus Grav. — add E [Miländer 1999]
Stenus latifrons Er. — add N [Vik 1993, H97]
Stenus bohemicus Mach. — add A [B01a, C01]
Stenus oscillator Rye — add N [Barševskis 2001c]
Stenus similis (Hbst.) — add AI [T97, G93, PM95]
Stenus solutus Er. — add I [PM95]
Stenus fornicatus Steph. — add I [G93]
Stenus pallitarsis Steph. — add N [Sagvolden &
 Hansen 2001]
Stenus pubescens Steph. — add A [B01a, C01]
Stenus flavipes Steph. — add I [G93, PM95]
Stenus brevipennis Thoms. — synonymize with *S.*
picipes Steph. [Herman 2001]; add N [H97]
Stenus impressus Germ. — add A [T97]
Stenus ochropus Kiesw. — add NI [ØL00, PM95]
 After *Stenus ochropus* Kiesw. — add *S. fuscicornis*
 Erichson, 1840 I [PM95]
Stenus flavipalpis Thoms. — add A [C01]
Stenus pallipes Grav. — add A [B01a, C01]
Dianous coeruleus (Gyll.) — add A [T97]

p. 21

Before *Micropeplus* Latr. — add ***Arrhenoepplus***
 Koch, 1937 [Herman 2001]
Micropeplus tesserula Curt. — transfer to ***Arrhe-***
nnoepplus Koch [Herman 2001]
Micropeplus staphylinoides (Marsh.) — add E
 [Miländer 1999 — cf. S97]
Micropeplus caelatus Er. — add A [T97]
Metopsia clypeata (Müll.) — change to *M. similis*
 Zerche, 1998 (*clypeata* auct.) [Zerche 1998]
Metopsia retusa (Steph.) — change to *M. clypeata*
 (Müller, 1821) (*retusa* (Steph.)) [Zerche 1998]
Megarthus depressus (Payk.) — change to *M.*
prosseni Schatzmayr, 1904 (*depressus* auct.)
 [Cuccodoro & Löbl 1997]
Megarthus sinuatocollis (Lac.) — change to *M.*

depressus (Paykull, 1789) (*sinuatocollis* auct.)
 [Cuccodoro & Löbl 1997]

Eusphalerum longipenne (Er.) — add I [G93, PM95]
Eusphalerum sorbicola (Kang.) — add D [Hansen
 & al. 1997]

Eusphalerum luteum (Marsh.) — add I [G93]
Eusphalerum tenenbaumi (Bernh.) — add I [G93]
Pycnoglypta lurida (Gyll.) — add A [J99]
Acrolocha sulcula (Steph.) — add I [G93]

Phyllodrepa Thomson, 1859 — list as separate ge-
 nus, with all species from ***Hapalarea*** Thoms.
 except *H. pygmaea* (Payk.) [Herman 2001]

Phyllodrepa melanocephala (F.) — add A [Cibul-
 skis 1999, C01]

Phyllodrepa clavigera Luze — add K E [Rutanen
 & Kashevarov 1997, Roosileht 2001]

Phyllodrepa ioptera (Steph.) — add I [Balčiauskas
 & al. 1998]

Phyllodrepa vilis (Er.) — add E [Roosileht 2001]

Phyllodrepa gracilicornis (Fairm. & Lab.) — delete
 N [Vik 1993]

Hapalarea pygmaea (Payk.) — add A [J99]

After genus ***Hapalarea*** Thoms. — add ***Hypopycna***
 Mulsant & Rey, 1880, with species *H. rufula*
 (Erichson, 1840) D [Pedersen & al. 2001]

Omalius septentrionis Thoms. — add I [G93]

Omalius littorale Kr. — add N [ØL00]

Omalius excavatum Steph. — change B to A [Ci-
 bulskis 1998]

Before *Phloeonomus* Heer — add ***Xylostiba*** Gangl-
 bauer, 1895, and ***Phloeostiba*** Thomson, 1858
 [Herman 2001]

Phloeonomus monilicornis (Gyll.) — transfer to
Xylostiba Ganglb. [Herman 2001]; add A [Ci-
 bulskis 1998]

Phloeonomus planus (Payk.) and *Phloeonomus*
lapponicus (Zett.) — transfer to ***Phloeostiba***
 Thoms. [Herman 2001]

Phloeostiba plana (Payk.) — add A [Cibulskis 1999,
 J99, B01a, C01]

Phloeonomus punctipennis Thoms. — add A [Ci-
 bulskis 1998]

p. 22

Orochares angustatus (Er.) — add A [Cibulskis
 1999, B01a, C01]

Phyllodrepoidea crenata (Grav.) — change author
 to Ganglbauer, 1895 [Herman 2001]; add D
 [Hansen & al. 1999]

Deliphrum tectum (Payk.) — add A [Cibulskis 1999, C01]

Anthobium melanocephalum (Ill.) — add A [Cibulskis 1998]

After *Anthobium fuscum* (Er.) — add *A. pro-longatum* (Rottenberg, 1874) E [Roosileht 2001]

Olophrum fuscum (Grav.) — add A [Cibulskis 1998]

Arpedium quadrum (Grav.) — add A [Cibulskis 1998]

Eucnecosum brachypterum (Grav.) — add A [Cibulskis 1998]

Eucnecosum brunescens (J.Sahlb.) — add E [Roosileht 2001]

After genus *Eucnecosum* Rtt. — add ***Deliphrosoma*** Reitter, 1909, with *D. macrocephalum* Eppelsheim, 1873 (*pechlaneri* Lohse, 1963) A [Cibulskis 1999, C01, Herman 2001]

Acidota cruentata Mannh. — change B to A [Cibulskis 1999, C01]

Lesteva punctata Er. — add F [Forstén & al. 1998, Iivarinen 1999]

Anthophagus omalinus Zett. — add E [Roosileht 2001]

Coryphium angusticolle Steph. — change B to EA [J99, Roosileht 2001]

Scaphisoma balcanicum Taman. — add N [H97]

p. 23

Syntomium aeneum (Müll.) — add A [J99]

Coprophilus striatulus (F.) — add I [G93]

Manda mandibularis (Gyll.) — add AI [Cibulskis 1998, B01a]

Ochthephilus longipennis (Fairm. & Lab.) — change to *O. praepositus* Mulsant & Rey, 1878 (*longipennis* auct.) [Makranczy 2001]

Thinobius praetor Smet. — change to *T. ciliatus* Kiesenwetter, 1844 (*praetor* Smetana, 1959) [Herman 2001]

After *Carpelimus bilineatus* (Steph.) — add *C. erichsoni* (Sharp, 1871) (*augustae* (Bernhauer, 1901)) A [C01, Herman 2001]

Carpelimus obesus (Kiesw.) — add A [Cibulskis 1998]

Carpelimus fuliginosus (Grav.) — add A [B01a, C01]

Carpelimus lindrothi Palm — add A [B01a, C01]

Carpelimus impressus (Lac.) — add A [C01]

After *Carpelimus exiguus* (Er.) — add *C. zealandicus* (Sharp, 1900) i (for S) [Ericson 2001]

After *Carpelimus elongatulus* (Er.) — add *C. sub-*

terraneus (Smetana, 1960) A [C01]

Aploderus caesus (Er.) — add S [Ericson 2001]

Anotylus rugifrons (Hochh.) — add A [C01]

Anotylus maritimus (Thoms.) — add A [C01]

Anotylus sculpturatus (Grav.) — delete N [Vik 1993]

Anotulus mutator Lohse — add S [Ericson 2001]

Platystethus alutaceus Thoms. — add A [Cibulskis 1998]

Bledius limicola Tott. — add E [Mannerkoski 2001b]

p. 24

Bledius praetermissus Will. — add A [T97]

Bledius atricapillus (Germar, 1825) nec (Fabricius, 1775) — sp. dist. D [Hansen & al. 1997]

After *Bledius pallipes* (Grav.) — add *B. rossicus* Bernhauer & Schubert, 1911 I [G93]

Bledius filipes Sharp — add A [B01a, C01]

Bledius denticollis Fauv. — add A [B01a, C01]

Mycetoporus nigricollis Steph. — change all countries to ? [Schülke & Kocian 2000]

After *Mycetoporus nigricollis* Steph. — add *M. glaber* (Sperk, 1835) F S, and *M. dispersus* Schülke & Kocian, 2000 S [Schülke & Kocian 2000]

Mycetoporus nigrans Mäkl. — change to *M. boreellus* J.Sahlberg, 1876 (*nigrans* auct. nec Mäklin, 1853) [Herman 2001]

Mycetoporus brucki Pand. — change to *M. eppelsheimianus* Fagel, 1965 (*brucki* auct.), add N [Lohse & Lucht 1989, H97]

Mycetoporus laevicollis Epp. — change to *M. bruckii* Pand. (*laevicollis* Epp.) [Lohse & Lucht 1989]

Ischnosoma bergrothi (Hell.) — add A [T97]

After genus *Bryoporus* Kraatz — add ***Bryophacis*** Reitter, 1909 [Herman 2001]

Bryoporus punctipennis Thoms., *Bryoporus rugipennis* Pand., *Bryoporus rufus* Er. and *Bryoporus crassicornis* Mäkl. — transfer to ***Bryophacis*** Rtt. [Herman 2001]

p. 25

Bryophacis rugipennis (Pand.) — change B to E [Silfverberg 1999]

Lordithon speciosus (Er.) — add A [J99]

Bolitobius cingulatus Mannh. — add A [Cibulskis 1998]

Bolitobius castaneus (Steph.) — add A [T97]

Sepedophilus constans (Fowl.) — add A [C01]

Sepedophilus bipustulatus (Grav.) — add A [C01]

After *Sepedophilus pedicularius* — add *S. nigri-*

pennis (Stephens, 1832) D [Hansen & al. 1998]

Tachyporus pallidus Sharp — add A [C01]

Tachyporus dispar (Payk.) — add N [Ødegaard 2001]

Tachyporus tersus Er. — add A [B97]

Tachyporus quadriscopulatus Pand. — add AI [PM95, T97]

Tachyporus ruficollis Grav. — add A [T97]

Tachyporus corpulentus J.Sahlb. — add A [C01]

Lamprinodes saginatus (Grav.) — add A [Cibulskis 1998]

Lamprinus erythropterus (Panz.) — add A [T97]

Tachinus rufipes (L.) — change to *T. signatus* Gravenhorst, 1802 (*rufipes* auct. nec (Linnaeus, 1758)) [Herman 2001]

Tachinus elegans Epp. — add K [Rutanen & Kashevarov 1997]

Tachinus bipustulatus (F.) — add I [G93]

Tachinus humeralis Grav. — add D I [Hansen & al. 1997, G93]

Tachinus fimetarius Grav. — add I [PM95]

Tachinus basalis Er. — add S [Lundberg 2001]

Erchomus Motschulsky, 1857 (**Coproporus** Kraatz, 1858) — change to **Coproporus** Kraatz, 1857 (**Erchomus** Motschulsky, 1858) [Herman 2001, cf. S97]

Coproporus heterocerus Fauv. SN — change to *C. colchicus* Kraatz, 1858 (*heterocerus* auct. nec Fauvel, 1898) [Ødegaard & Tømmerås 2000, Herman 2001, cf. S97]

Aleochara haematodes Kraatz — change to *A. haematoptera* Kraatz, 1858 (*haematodes* Schaum, 1862) [Assing & Schülke 1999]

Aleochara brevipennis Grav. — add A [T97]

Aleochara tristis Grav. — add A [B01a]

Aleochara inconspicua Aubé — add A [J99]

Aleochara sparsa Heer — add A [J99]

p. 26

Aleochara albovillosa Bernh. — change to *A. funebris* Wollaston, 1864 (*albovillosa* Bernhauer, 1901) [Assing & Schülke 1999]

Aleochara sanguinea (L.) — change B to A [T97]

Aleochara fumata Grav. — add A [J99, B01a]

Aleochara verna Say — add I [PM95]

Aleochara suffusa (Cas.) (*brundini* Bernh.) — change to *A. brundini* Bernhauer, 1936 [Maus 1998]

Oxypoda operta Sjöb. — add K [Rutanen & Kas-

hevarov 1997]

Oxypoda vittata Märk. — change B to A [T97]

Oxypoda funebris Kr. — add A [J99]

Oxypoda umbrata (Gyll.) — change to *O. brevicornis* (Stephens, 1832) (*umbrata* (Gyllenhal, 1810) nec (Gravenhorst, 1802)) [Lucht & Klausnitzer 1998]

Devia prospera (Er.) — add I [PM95]

Ityocara rubens (Er.) — add A [J99]

Ocyusa maura (Er.) — add A [J99]

Euryalea pulcherrima Bernh. — transfer to genus

Pyroglossa Bernhauer, 1901 [Assing & Wunderle 1997]

Deubelia Bernh. — synonymize with **Ocyusa** Kr. [Assing & Schülke 2001]

p. 27

Calodera nigrita Mannh. — add A [J99]

Calodera aethiops (Grav.) — change B to A [J99]

Ischnoglossa prolixa (Grav.) — add A [J99]

Thiasophila inquinula (Märkel, 1844) — change year to 1842 [orig.]

Haploglossa gentilis (Märk.) — add A [J99]

Haploglossa villosula (Steph.) — add A [J99]

Eurymniusa Ganglb. — synonymize with **Poromniusa** Gglb. [Assing 1998]

Poromniusa crassa (Epp.) — add A [Assing 1998]

Poromniusa prociua (Er.) — add I [PM95]

Ocalea badia Er. — add N [Sagvolden & Hansen 2001]

Ocalea picata (Steph.) — add A [J99]

Ilyobates subopacus Palm — change to *I. bennetti* Donisthorpe, 1914 (*subopacus* Palm, 1935), add A [Assing 1999a]

Phloeopora corticalis (Grav.) — add A [J99]

Dinarda maerkelii Kiesw. — add A [T97]

Meotica apicalis Ben. — change to *M. filiformis* (Motschulsky, 1860) (*capitalis* Mulsant & Rey, 1873, *apicalis* Benick, 1953) [Nikitsky & al. 1998, Lucht & Klausnitzer 1998]

After *Meotica exilis* (Knoch) — add *M. winkleri* Benick, 1954 D [Hansen & al. 1999]

p. 28

Dasygnypeta Scheerpeltz in litt. — change author to Lohse, 1974 [Assing & Schülke 2001]

Brundinia meridionalis (Muls. & Rey) — delete N [Vik 1993]

Tomoglossa luteicornis (Er.) — add D [Hansen & al. 1999]

- Schistoglossa gemina* (Er.) — change B to A [J99]
 After *Schistoglossa gemina* (Er.) — add *S. pseudogemina* Benick, 1981 D [Hansen & al. 1999]
Schistoglossa bergvalli Palm — add synonym *S. benicki* Lohse, 1981, add D [Pedersen & al. 2001, Mahler & Vagtholm-Jensen 2002]
Aloconota strandi Ben. — add F [Iivarinen 2001a]
Aloconota sulcifrons (Steph.) — add I [Balčiauskas & al. 1998]
Disopora languida (Er.) — add A [J99]
Liogluta alpestris (Heer) — add I [PM95]
Dadobia immersa (Er.) — add A [J99]
Cadaverota cadaverina (Bris.) — add A [J99]
- p. 29**
Philhygra hygrobica (Thoms.) — add A [J99]
Philhygra pinegensis (Muona) — add N [ØL00 — cf. S97]
Philhygra luridipennis (Mannh.) — add A [T97]
Philhygra terminalis (Grav.) — add A [T97]
Philhygra debilis (Er.) — add A [J99]
Philhygra parca (Muls. & Rey) (*nannion* (Joy)) — add A [J99]
Philhygra britteni (Joy) — add A [J99]
Atheta orphana (Er.) — add A [T97]
Atheta amplicollis (Muls. & R.) — add K [Rutanen & Kashevarov 1997]
Atheta pandionis Scheerp. — add F [Rutanen & Kashevarov 1997, Rutanen & Leinonen 1999]
Atheta hybrida (Sharp) — delete N [Vik 1993]
- p. 30**
Atheta nigripes (Thoms.) — add I [PM95]
Atheta europaea Lik. — add S [Jansson & Lundberg 2000]
Atheta aeneicollis (Sharp) — add A [J99]
Atheta ravilla (Er.) — add A [J99]
Atheta basicornis (Muls. & Rey) — add A [J99]
Atheta boletophila (Thoms.) — add I [PM95]
Atheta euryptera (Steph.) — change B to A [T97]
Atheta harwoodi Will. — add I [PM95]
Atheta brunnea (F.) — change B to A [T97]
Atheta nigrifula (Grav.) — add I [PM95]
Alevonota gracilenta (Er.) — add I [PM95]
- p. 31**
Alianta incana (Er.) — add I [PM95]
Trichiusa immigrata Lohse — add F N [Mannerkoski 2001a, Ødegaard 1999, cf. S97]
Dinaraea linearis (Grav.) — change B to A [T97]
Acrotona sylvicola (Kr.) — change B to A [T97]
- Acrotona obfuscata* (Grav.) — add N [Ødegaard 1994]
Acrotona consanguinea (Epp.) — change to *A. troglodytes* (Motschulsky, 1858) (*consanguinea* (Epp.)) [Nikitsky & al. 1998]
Acrotona pseudotenera (Cam.) — add N [Ødegaard 1999, cf. S97]
Acrotona aterrima (Grav.) — add A [T97]
Thamiaraea hospita (Märk.) — add N [H97]
Falagria caesa (Erichson, 1837) — omit parenthesis from author [orig.]
Myrmecopora lohmanderi Bernh. — change to *M. sulcata* (Kiesenwetter, 1850) (*simillima* (Wollaston, 1864), *lohmanderi* Bernhauer, 1927) [Assing 1997a, Assing & Schülke 1999]
Bohemellina flavipennis (Cameron, 1920) — change year to 1921; add N [orig.; Ødegaard 1999]
Falagrioma concinna (Er.) — transfer to genus **Myrmecocephalus** MacLeay, 1871 [Lucht & Klausnitzer 1998]
Falagrioma thoracica (Steph.) — add N [ØL00]
Zyras laticollis (Märkel, 1844) — change year to 1842 [orig.]
- p. 32**
Gyrophaena joyi Wend. — add A [J99]
Gyrophaena joyioides Wüsth. — add N [H97]
Gyrophaena angustata (Steph.) — add A [T97]
Gyrophaena transversalis Strand — add N [H97]
Encephalus complicans Kby. — add E I [B01a]
Bolitochara lucida (Grav.) — add I [G93]
Leptusa pulchella (Mannh.) — change B to A [T97]
Leptusa norvegica Strand — add A [J99]
Leptusa fumida (Er.) — change B to A [J99]
Euryusa castanoptera Kr. — add A [T97]
Placusa tachyporoides (Waltl) — add A [J99]
Placusa suecica Johns. & Lundb. — add N [ØL00]
Placusa atrata (Mannh.) — add D [Pedersen & al. 2001]
- p. 33**
Phytosus spinifer Curt. — add N [Ødegaard 1994]
Diglotta submarina (Fairm. & Lab.) — change to *D. sinuaticollis* (Mulsant & Rey, 1870) (*submarina* auct.) [Assing & Schülke 2001]
Diglotta mersa (Hal.) — add synonym *D. submarina* (Fairm. & Lab.) [Assing & Schülke 2001]
Oligota inflata (Mannh.) — add A [C01]
Oligota pusillima (Grav.) — add A [C01]
 After *Oligota pusillima* (Grav.) — add *O. inexas*

pectata Williams, 1994 F [Clayhills & al. 2000]
Cypha longicornis (Payk.) — add A [B97]
Cypha imitator (Luze) — change B to EA [Silfverberg 1999, C01]
Cypha suecica (Palm) — add N [H97]
Cypha pulicaria (Er.) — add A [B97, Cibulskis 1998]

Myllaena intermedia Er. — add A [J99]
Myllaena minuta (Grav.) — add A [J99]
Myllaena masoni A.Matth. — add D [Hansen & al. 1997]

Biblopectus tenebrosus (Rtt.) — add N [ØL00]
Biblopectus spinosus Raffr. — add N [H97]
Biblopectus pusillus (Denny) — add A [T97]
Euplectus nanus (Reich.) — add A [J99]
Euplectus kirbii Denny — add N [H97]

p. 34

Euplectus punctatus Muls. — add A [J99]
Euplectus fauveli Guill. — change to *E. mutator* Fauvel, 1895 (*fauveli* Guillebeau, 1888, nec Raffray, 1882) [Löbl 1999]

Euplectus duponti Aubé — add A [T97]
Leptoplectus spinolai (Aubé) — add N [H97]
 After *Plectophloeus nubigena* (Rtt.) — add *P. fischeri* (Aubé, 1833) I [PM95]

Bythinus burrellii Denny — add N [Vik 1993]
 After *Bryaxis puncticollis* (Denny) — add *B. nigripennis* (Aubé, 1844) A [T97]

Bryaxis curtisii (Leach) — add A [T97]
Amauronyx maerkelii (Aubé) — delete I [PM95]
Rybaxis longicornis (Leach) — add N [Hansen & al. 1999]

Rybaxis laminata (Motsch.) — raise to separate species, add ND [Hansen & al. 1999, Ødegaard 2001]

After genus *Chennium* Latr. — add ***Centrotoma*** Heyden, 1849, with *C. lucifuga* Heyden, 1849 I [PM95]

p. 35

Chaetabraeus globulus (Creutz.) — add I [PM95]
Abraeus perpusillus (Marsh.) — add I [PM95]
Plegaderus dissectus Er. — add I [PM95]
Acritus minutus (Hbst.) — add A [B01a]

Acritus homoeopathicus Woll. — add D [Hansen & al. 1997]

Teretrius fabricii Mazur — add E [Miländer 1999]
Saprinus planiusculus Motsch. — add E [Miländer 1999]

Gnathoncus buyssoni Auz. — add A [J99]

Gnathoncus nidorum Stockm. — delete N [Vik 1993]
Myrmetes paykulli Kanaar — add E [Miländer 1999]
Dendrophilus corticalis (Payk.) — add E [Miländer 1999]

Dendrophilus pygmaeus (L.) — add E [Miländer 1999]

Paromalus parallelepipedus (Hbst.) — add D [Hansen & al. 2000]

p. 36

Margarinotus obscurus (Kug.) — add I [G93]
Platysoma compressum (Hbst.) — add F [Mannerkoski 1999a]

After *Clambus pallidulus* Rtt. — add *C. simsoni* Blackburn, 1902 S [Lundberg 1995, Johnson 1997]

After *Clambus nigrellus* Rtt. — add *C. minutus* (Sturm, 1807) I [PM95]

Cyphon kongsbergensis Munst. — add I [PM95]

Cyphon phragmiteticola Nyh. — change to *C. laevipennis* Tourmier, 1868 (*phragmiteticola* Nyh.); add I [Klausnitzer 1998, PM95]

Cyphon punctipennis Sharp — add I [PM95]

Cyphon hilaris Nyh. — add I [PM95]

Scirtes orbicularis (Panz.) — add I [PM95]

p. 37

Geotrupes spiniger (Marsh.) — add E [Miländer & al. 1997]

Onthophagus taurus (Schreb.) — delete S [Ljungberg 2002]

Onthophagus ovatus (L.) — delete N, add I [Ødegaard 2001, Ljungberg 2002, PM95]

Onthophagus joannae Golj. — add N I [Ødegaard 2001, Ljungberg 2002, PM95]

Onthophagus gibbulus (Pall.) — add S [Ljungberg 2002]

Aegialia spissipes LeC. — change to *A. rufa* (Fabricius, 1792) [Opinion 1890]

Aphodius paykulli Bed. — add N I [H97, Hansen & al. 1999, G93]

Aphodius porcus (F.) — add I [PM95]

Aphodius tenellus Say — change to *A. uliginosus* Hardy, 1847 (*tenellus* auct.) [Brown 1967]

p. 38

Aphodius piceus Gyll. — add A [J99]

Aphodius scybalarius (F.) — change to *A. rufus* (Moll, 1782) [Opinion 1890]

After *Aphodius ictericus* — add *A. punctipennis* Erichson, 1848 I [G93]

Amphimallon fallenii (Gyll.) — delete N [Vik 1993]
Anisoplia austriaca (Hbst.) — delete I [PM95]
Oxythyrea funesta (Poda) — add F [Forstén & al. 1997]

p. 39

Trichius fasciatus (L.) — add D [Martin & Pedersen 2002]
 After *Trichius fasciatus* (L.) — add *T. zonatus* Germar, 1794 D [Martin & Pedersen 2002]
Ceruchus chrysomelinus (Hochw.) — add N [H97]
Eubria palustris Germ. — add I [G93, PM95]
 As first in Dryopidae — add **Helichus** Erichson, 1847, with *H. substriatus* (Müller, 1806) I [PM95]
Dryops anglicanus Edw. — change B to E [Silfverberg 1999]
 After *Dryops nitidulus* (Heer) — add *D. viennensis* (Laporte de Castelnau, 1840) I [PM95]
 Before *Elmis aenea* (Müll.) — add *E. maugetii* Latreille, 1798 A [T97]
 Before *Esolus angustatus* (Müll.) — add *E. pygmaeus* (Müller, 1806) I [PM95]
 After genus *Riolus* Muls. & Rey — add **Macronychus** Müller, 1806, with *M. quadrituberculatus* Müller, 1806 I [PM95]
Limnichus pygmaeus (Sturm) — add AI [PM95, T97]
Heterocerus flexuosus Steph. — add I [PM95]
Heterocerus obsoletus Curt. — add A [T97]
Heterocerus intermedius Kiesw. — add I [PM95]
Dictyoptera erythroptera Baudi — transfer to genus **Xylobanellus** below [Bocak 2002, cf. S97]

p. 40

Genus *Lopheros* LeC. — transfer to Erotini [Miller 1997]
Lopheros rubens (Gyll.) — add I [G93]
 After genus *Lopheros* LeC. — add subfamily **Metriorrhynchinae** Kleine, 1926, with genus **Xylobanellus** Kleine, 1930 [Bocak 2002]
Drilus concolor Ahr. — add I [PM95]
Ancistronycha cyanipennis (Fald.) — add I [G93, PM95]
 From S97: *Cantharis flavilibris* Fall. — change to *C. flavilibris* [printing error]
Malthodes mysticus Kiesw. — add A [B97]
Malthodes crassicornis (Mäkl.) — add A [T97]

p. 41

Before *Lacon lepidopterus* (Panz.) — add *L. punctatus* (Herbst, 1779) S [Nilsson & Baranowski 1997]
Negastrius arenicola (Boh.) — add N [Ødegaard 2001]

Zoroehros minimus (Lac.) — add A [Barševskis 1998]
Crepidophorus mutilatus (Rosh.) — add N [H97]
Orithales serraticornis (Payk.) — add I [PM95]

p. 42

Selatossomus latus (F.) — change to *S. gravidus* (Germar, 1843) (*latus* (Fabricius, 1801) nec (Fuessly, 1775)) [Sánchez-Ruiz & Tarnawski 1999]
Ampedus rufipennis (Steph.) — delete N [ØL00]
Ampedus nigroflavus (Gze.) — add I [PM95]
Ampedus nemoralis Bouw. [cf. S97] — change to *A. triangularis* (Dorn, 1925) [Nilsson & Baranowski 1997]
Ampedus suecicus Palm — add A [J99, B01a]
Ampedus tristis (L.) — add I [PM95]

p. 43

Microhagrus lepidus Rosh. — add I [PM95]
Rhacopus sahlbergi (Mannh.) — add N [H97]
Hylis foveicollis (Thoms.) — add A [J99]
Hylis olexai (Palm) — add A [J99]
Aulonothroscus brevicollis (Bonv.) — add S A [J99, Jansson & Lundberg 2000]
 After *Trixagus carinifrons* (Bonv.) — add *T. leseigneuri* Muona, 2002 F S [Muona 2002]
 After *Trixagus carinifrons* (Bonv.) — add *T. elateroides* (Heer, 1841) A [T97]
Trixagus duvalii (Bonv.) — delete D [Hansen & al. 1999]
 After *Trixagus duvalii* (Bonv.) — add *T. exul* (Bonvouloir, 1859) D [Hansen & al. 1999, cf. S97]
Chalcophora Solier, 1833 — change author to Dejean, 1833 [Bellamy 1997]
Buprestis novemmaculata L. — change N to ? [Vik 1993]

p. 44

Scintillatrix Obenb. — change to **Ovalisia** Kerremans, 1900 (**Scintillatrix** Obenberger, 1956) [Holynski 2000]
Anthaxia godeti Gory — add A [T97, Barševskis & Savenkov 2001]
Agrilus convexicollis Redt. — add D [Pedersen & al. 2001]
 After *Agrilus integerrimus* (Ratz.) — add *A. auricollis* Kiesenwetter, 1857 A [T97, Barševskis & Savenkov 2001]
Agrilus betuleti (Ratz.) — add A [T97, Barševskis & Savenkov 2001]
Agrilus populneus Schaeaf. — add A [T97, Barševskis & Savenkov 2001]

Agrilus cuprescens Mén. (*communis* Ob.) — add N [H97]

After *Agrilus olivicolor* Kiesw. — add *A. kaluganus* Obenberger, 1940 I [PM95]

Coraebus elatus (F.) — add AI [T97, Barševskis & Savenkov 2001, PM95]

Before *Aphanisticus pusillus* (Ol.) — add *A. emarginatus* (Olivier, 1790) I [PM95]

Morychus dovrensis (Münst.) — transfer to genus ***Arctobyrrhus*** Münster, 1902 as *Arctobyrrhus dovrensis* Münster, 1902 [Johnson 1997]

p. 45

Cytilus auricomus (Duft.) — add I [G93]

Porcinolus murinus (F.) — add I [G93, PM95]

Nosodendron fasciculare (Ol.) — add I [PM95]

Dermestes gyllenhalii Cast. — delete N [Vik 1993]

Dermestes haemorrhoidalis Küst. — add i for F [Clayhills 2001]

Trogoderma glabrum (Hbst.) — add I [PM95]

Globicornis rufitarsis (Panzer, 1796) (*nigripes* (Fabricius, 1792) nec (Olivier, 1790)) — change to *Globicornis nigripes* (Fabricius, 1792) (*rufitarsis* (Panzer, 1796)) [Opinion 300]

Megatoma pubescens (Zett.) — add A [B97]

Anthrenus olgae Kalik — add A [T97]

Trinodes hirtus (F.) — add A [J99]

p. 46

After *Lyctus brunneus* (Steph.) — add *L. africanus* Lesne, 1907, with i for F [Muona 2000]

Stephanopachys linearis (Kug.) — add I [PM95]

Rhyzopertha dominica (F.) — add A [T97]

Bostrichus capucinus (L.) — add A [T97]

Hedobia imperialis (L.) — add A [J99]

Ernobius pini (Sturm) — add N [ØL00]

Gastrallus immarginatus (Müll.) — add N [H97]

Anobium fulvicorne Sturm — add N I [Ødegaard 1994, PM95]

Priobium carpini (Hbst.) — add E [Silfverberg 1999]

p. 47

Ptilinus fuscus Geoffr. — add A [J99]

Stagetus borealis Isr. — add A [J99]

Dorcatoma flavicornis (F.) — add E [Süda & Nagirnyi 2002]

After *Dorcatoma chrysomelina* Sturm — add *D. janssoni* Büche & Lundberg, 2002 S A [Büche & Lundberg 2002]

Dorcatoma substriata Humm. — add EA [Süda & Nagirnyi 2002, J99]

After *Dorcatoma substriata* Humm. — add *D. minor* Zahradnik, 1993 S [Jonsell 1998]

Dorcatoma punctulata Muls. & Rey — add EA [Süda & Nagirnyi 2002, J99]

Dorcatoma robusta Strand — add DE [Hansen & al. 1998, Süda & Nagirnyi 2002]

After *Dorcatoma robusta* Strand — add *D. lomnickii* Reitter, 1903 E [Süda & Nagirnyi 2002]

Epauloecus unicolor (Pill. & Mitt.) — add I [PM95]

Ptinus clavipes Panz. (*latro* auct.) — add i (for I) [G93, PM95]

Ptinus pusillus Sturm — delete S [Lundberg 1996a]

Ptinus villiger Rtt. — add I [G93]

Ptinus balticus Khnzorian & Karapetian, 1991 — synonymize with *P. villiger* Reitter, 1884 [Borowski 1996]

Ptinus subpillosus Sturm — add E I [PM95, Silfverberg 1999]

Ptinus pilosus Müll. — add I [PM95, cf. S97]

Lymexylon navale (L.) — add N [H97]

p. 48

Calitys scabra (Thunb.) — add I [PM95]

Thanasimus femoralis (Zett.) — add I [PM95]

Opetiopalpus scutellaris (Panz.) — add I [PM95]

Necrobia ruficollis (F.) — add A [T97]

Aplocnemus impressus (Marsh.) — add A [J99]

Trichoceble memnonia (Kiesw.) — add N [H97, Hansen & al. 1999]

p. 49

Dasytes flavipes (Ol.) — change to *D. virens* (Marsham, 1802) (*flavipes* (Olivier, 1790) nec (Fabricius, 1781)) [Lucht & Klausnitzer 1998]

Dasytes aerosus Kiesw. — change to *D. aeratus* Stephens, 1830 (*aerosus* Kiesw.) [Lucht & Klausnitzer 1998]

Hypebaeus flavipes (F.) — add N [H97]

Before *Malachius aeneus* (L.) — add *M. scutellaris* Erichson, 1840 I, and *M. rubidus* Erichson, 1840 I [G93, PM95]

Anthocomus rufus (Hbst.) — add F [Clayhills & al. 2000]

Anthocomus bipunctatus (Harr.), cf. S97 — add I [G93]

Anthocomus equestris (F.) — add I [PM95]

Brachypteridae Erichson, 1845 [cf. S97] — change to **Kateretidae** Erichson in Agassiz, 1846 (**Brachypteridae** Erichson, 1845) [Opinion 1916]

Kateretes rufilabris (Latr.) — add I [G93]

- Brachypterus fulvipes* Er. — add A [B97]
Carpophilus freemani Dobs. — change to *C. nepos* Murray, 1864 (*freemani* Dobs.) [Lucht & Klausnitzer 1998]
Epuraea fageticola Aud. — change to *Epuraea hilleri* Reitter, 1877 (*fageticola* Aud.) [Kirejtshuk 1997]
Epuraea neglecta (Heer) — add A [J99]
Epuraea concurrens Sjöb. — synonymize with *E. hilleri* Rtt. (see above) [Kirejtshuk 1997]

p. 50

- Epuraea fussi* Reitter, 1885 — change to *E. fussii* Reitter, 1875 [orig.]; add A [B97]
Epuraea placida Mäkl. — add A [B97]
Epuraea danica Sjöb. — synonymize with *E. oblonga* (Hbst.) [Kirejtshuk 1997]
Epuraea unicolor (Ol.) — add I [PM97]
Epuraea aestiva (L.) — add I [PM97]
Epuraea melina (Erichson, 1843) — omit parenthesis from author [orig.]
Pria dulcamarae (Steph.) — add I [G93, PM97]
Meligethes anthracinus Bris. — delete S [Sörensen 1999, cf. S97]
Meligethes matronalis Aud. & Spornr. (cf. S97) — add S [Ericson 1999]; do not synonymize with *M. subaeneus* Sturm [cf. Kirejtshuk 1997; Audisio & al. 2001]
Meligethes subaeneus Sturm — add F [Audisio & al. 2001]
Meligethes bidens Bris. — add I [Tamutis & Zolubas 2001]
Meligethes ochropus Sturm — add E I [Miländer 1993, Tamutis 1999]
Meligethes egenus Er. — add I [Tamutis 1999]
Meligethes nigrescens Steph. — add I [Tamutis 1999]
Meligethes symphyti (Heer) — add S [Ericson 1999]
Meligethes planiusculus (Heer) — add S [Ericson 1999]
Meligethes tristis Sturm — add N [H97]
Amphotis marginata (F.) — add E [Miländer 1999]
Ipidia binotata Rtt. — add A [J99]

p. 51

- Lordyroides* Rtt. (*Pocadiodes* Ggbl.) (cf. S97) — change to *Physonoria* Reitter, 1884 (*Pocadiodes* Ggbl.) [Kirejtshuk 1997]
Cyllodes ater (Hbst.) — add I [G93, PM97]
Cryptarcha undata (Ol.) — add N [H97]

- Glischrochilus quadriguttatus* (F.) — add E I [PM97, B01a]
 After *Glischrochilus quadriguttatus* (F.) — add *G. grandis* (Tournier, 1872) A [B01a]
Glischrochilus quadrisignatus Say — add D [Pedersen & al. 2001, cf. S97]
Sphindidae Jacquelin du Val, 1860 — change year to 1861 [Opinion 1862]
Sphindus Dejean, 1821 — change author to Megerle, 1821 [Opinion 1862]
Arpidiphorus Dejean, 1821 — change to **Aspidiphorus** Ziegler, 1821 [Opinion 1862]
Aspidiphorus orbiculatus (Gyll.) — add A [T97]
Rhizophagus grandis Gyll. — add I [PM97]
Rhizophagus perforatus Er. — add A [Telnov 2001]
Rhizophagus picipes (Ol.) — add I [G93, PM97]
Rhizophagus parvulus (Payk.) — add A [T97]
Monotoma spinicollis Aubé — add I [PM97]
Monotoma picipes Hbst. — add I [G93, PM97]
 After *Monotoma bicolor* Villa — add *M. quadricollis* Aubé, 1837 D [Hansen & al. 2000]
Airaphilus elongatus (Gyll.) — add N [Ødegaard 1994]
Psammoecus bipunctatus (F.) — add N E [ØL00, Miländer 1999]

p. 52

- Cucujus cinnaberinus* (Scop.) — add A [T97]
Pediacus depressus (Hbst.) — add I [PM97]
Cryptolestes duplicatus (Waltl) — change i to D [Hansen & al. 1998, cf. S97]
Cryptolestes ferrugineus (Steph.) — change B to A [T97]
Cryptolestes abietis (Wank.) — change B to A [T97]
Cryptolestes alternans (Er.) — add D [Hansen & al. 1997]
Cryptolestes corticinus (Er.) — change i to D [Hansen & al. 2000]
 After genus *Cryptolestes* Ggbl. — add **Placonotus** MacLeay, 1871, with *P. testaceus* (Fabricius, 1787) D [Hansen & al. 1998]
Telmatophilus brevicollis Aubé — add D, delete B [Hansen & al. 1997, Runge 1998]
Paramecosoma melanocephalum (Hbst.) — add I [PM97]
Micrambe bimaculata (Panz.) — change B to A [T97]
Cryptophagus parallelus Bris. (*angustus* Ggbl.) — add A [B97]
Cryptophagus badius Sturm — add I [PM97]
Cryptophagus plagiatus Poppius, 1900 — change to *Cryptophagus quadrihamatus* Mäklin, 1853

(*plagiatus* Popp.) [Coombs & Woodroffe 1962]
Cryptophagus subdepressus Gyll. — add A [B97]
 From S97: *Cryptophagus tuberculatus* Mäklin, 1853
 — change to *C. tuberculosus* Mäklin, 1852 [orig.]
Cryptophagus subfumatus Kr. — change B to E
 [Silfverberg 1999]
Cryptophagus dorsalis Sahlb. — add D [Hansen
 & al. 1998]

p. 53

Antherophagus nigricornis (F.) — add E [Silfverberg 1999]
Antherophagus pallens (L.) — add I [PM97]
Caenoscelis subdeplanata Bris. — change B to E
 [Silfverberg 1999]
Atomaria rhenana Kr. — change to *A. rhenonum*
 Kraatz, 1853 [orig.]
Atomaria scutellaris (Motschulsky, 1849) — omit
 parenthesis from author [orig.]
Atomaria rubricollis Bris. — change B to E [Silfverberg 1999]
Atomaria turgida Er. — add AI [B97, Tamutis &
 Zolubas 2001]
Atomaria testacea Steph. (*ruficornis* (Marsh.)) —
 add I [PM97]
Atomaria umbrina (Gyll.) — add I [Tamutis &
 Zolubas 2001]
Atomaria diluta Er. — add I [Tamutis & Zolubas
 2001]
Atomaria lapponica Johns. — add F [Clayhills 1999a]
Atomaria subangulata J.Sahlb. — add D [Hansen
 & al. 2000]
Atomaria affinis (F.Sahlb.) — add I [Tamutis &
 Zolubas 2001]
Atomaria pulchra Er. — delete D [Hansen & al.
 1997]
Atomaria strandi Johns. — add F D [Clayhills
 1999a, Hansen & al. 1997]
Ootypus globosus (Waltl) — add I [PM97]
 After *Zavaljus brunneus* (Gyll.) — add subfamily
Cryptophilinae Casey, 1900, with genus
Cryptophilus Reitter, 1874, and species *C.*
obliteratus Reitter, 1878 D [Runge 2000,
 Hansen & al. 2000]

p. 54

Tritoma bipustulata F. — add I [PM97]
Phalacrus corruscus (Panz.) — change to *P. co-*
ruscus (Panz.) [orig.]
Phalacrus championi Guill. (*suecicus* Palm) — add

E [Palm 1947]

Phalacrus caricis Sturm — change to *P. nigrinus*
 (Marsham, 1802) (*caricis* Sturm, 1807) [Švec
 1999]
Stilbus testaceus (Panz.) — add I [G93, PM97]
Stilbus oblongus (Er.) — add N I [ØL00, G93, PM97]
Cerylon deplanatum Gyll. — add I [Balčiauskas
 & al. 1998]
Anommatus diecki Rtt. — add D [Hansen & al. 1997]

p. 55

Coccidula rufa (Hbst.) — add I [G93, PM97]
Scymnus nigrinus Kug. — add I [PM97]
Scymnus rubromaculatus (Gze.) — add D I [Han-
 sen & al. 1998, PM97]
Scymnus limbatus Steph. — add A [T97]
Scymnus ater (Kug.) — add N [Sagvolden & Han-
 sen 2001]
Nephus redtenbacheri (Muls.) — add I [G93, PM97]
Nephus quadrimaculatus (Hbst.) — add S I [Gil-
 lerfors 1997b, PM97]
 After genus *Nephus* Muls. — add **Cryptolaemus**
 Mulsant, 1850, with *C. montrouzieri* Mulsant,
 1853 i (for S) [Ehnström & Lundberg 1997]
 After *Hyperaspis campestris* (Hbst.) — add *H.*
concolor Suffrian, 1843 S [Clayhills 2000]
Hyperaspis inexpectata Günth. — add K [Clayhills
 2000]
Hyperaspis reppensis (Hbst.) — delete FKS EA
 [Clayhills 2000]
Hyperaspis pseudopustulata Muls. (*reppensis*
 auct.) — add FK EAI [Clayhills 2000, PM97]
Tytthaspis sedecimpunctata (L.) — delete F
 [Biström & al. 2001, Huldén 2001]
Calvia quindecimguttata (F.) — add I [G93]

p. 56

Sacium LeC. — change to **Clypastraea** Haldeman,
 1842 (**Sacium** LeConte, 1852) [Bowstead 1999]
Arthrolips obscura (Sahlb.) — add I [Bowstead
 1999]
Sericoderus lateralis (Gyll.) — add E [Miländer
 1999]
Rypobius LeC. — transfer to subfamily **Rypo-**
biinae Paulian, 1950 [Bowstead 1999]
Rypobius ruficollis (du V.) — change to *Rypobius*
praetermissus Bowstead, 1999 (*ruficollis* auct.
 nec (Jaquelin du Val, 1854)) [Bowstead 1999,
 Nodmar 1999]
Corylophus cassidoides (Marsh.) — add I [PM97]

- Orthoperus punctulatus* Rtt. — change to *O. rogeri* Kraatz, 1874 (*punctulatus* Reitter, 1876); add D I [Bowstead 1999, Hansen & al. 2000, PM97]
- Orthoperus mundus* Matth. — change to synonym of *O. nigrescens* Steph. (without distribution data) [Bowstead 1999]
- Orthoperus improvisus* Bruce — change to *O. corticalis* (Redtenbacher, 1849) (*improvisus* Bruce, 1946) (with distribution data given under *O. mundus*) [Bowstead 1999]
- Latridius brevicollis* (Thoms.) — add N, change B to A [H97, T97]
- Enicmus fungicola* Thoms. — add A [J99]
- Enicmus planipennis* Strand — add A [J99]
- Enicmus apicalis* J.Sahlb. — add N [H97]
- Enicmus atriceps* Hansen — add S [Gillerfors 1997b]
- Dienerella elegans* (Aubé) — add S [Lundberg & Pettersson 1997, cf. S97]
- Adistemia watsoni* (Woll.) — add i for N [Skartveit 1999]
- Stephostethus lardarius* (DeG.) — add I [Tamutis 1999]
- p. 57**
- Stephostethus angusticollis* (Gyll.) — change N to ? [Vik 1993]
- Stephostethus sahlbergi* (Rtt.) — change to *S. cinnamopterus* (Mannerheim, 1853) (*sahlbergi* (Reitter, 1894)) [Saluk 1992]
- Corticaria pineti* Lohse — add ND [H97, Hansen & al. 1998]
- Corticaria serrata* (Payk.) — add A [B97, T97]
- Corticaria foveola* (Beck) — add I [Tamutis & Zolubas 2001]
- Corticaria longicollis* (Zett.) — add A [T97]
- Corticaria lateritia* Mannh. — add A [J99]
- Melanophthalma suturalis* (Mannh.) — add D [Hansen & al. 1997]
- After genus *Melanophthalma* — add genus ***Mig-neauxia*** Jacquelin du Val, 1859, with species *M. orientalis* Reitter, 1877 D [Hansen & al. 2000]
- Cis hanseni* Strand — change ? (for B) to A [T97]
- Cis comptus* Gyll. — add I [G93]
- Cis setiger* Mell. — add I [PM97]
- Cis rugulosus* Mell. — add D [Hansen & al. 1997]
- Cis quadridens* Mell. — add AI [J99, PM97]
- Cis punctulatus* Gyll. — change B to A [J99]
- Cis fagi* Waltl — add I [G93]
- Cis castaneus* Mell. — delete N [Vik 1993]
- Ennearthron cornutum* (Gyll.) — add I [G93, PM97]
- Ennearthron laricinum* (Mell.) — add A [J99]
- p. 58**
- Orthocis vestitus* (Mell.) — add A [J99]
- Orthocis festivus* (Panz.) — add AI [J99, PM97]
- Octotemnus mandibularis* (Gyll.) — add A [T97]
- Colydiidae** Er. — change to **Zopheridae** Solier, 1834 (with subfamily **Colydiinae**) [Slipinski & Lawrence 1999]
- Colydium elongatum* (F.) — add I [PM97]
- Aulonium trisulcum* (Geoffr.) — add D [Hansen & al. 1997, Runge 1999]
- Pycnomerini** Er. — transfer to subfamily **Zopherinae** Solier, 1834, after tribe **Orthocerini** [Slipinski & Lawrence 1999]
- Cicones* Curt. — synonymize with *Synchita* Hellw. [Slipinski & Lawrence 1997]
- Orthocerus crassicornis* (Er.) — add E [Miländer 1999 — cf. S97]
- Triphyllus bicolor* (F.) — add A [T97]
- After *Mycetophagus quadripustulatus* (L.) — add *M. ater* (Reitter, 1879) A [B01a]
- Mycetophagus decempunctatus* F. — add I [PM97]
- Mycetophagus fulvicollis* F. — add A [T97]
- After *Mycetophagus multipunctatus* F. — add *M. irroratus* Reitter, 1879 A [T97]
- p. 59**
- Anogcodes ferruginea* (Schrk.) (*adusta* (Panz.)) — add E I [G93, PM97, Miländer 2000]
- Ischnomera sanguinicollis* (F.) — change B to A [T97]
- Oedemera podagrariae* (L.) — add A [T97]
- Oedemera subulata* Ol. — change to *O. pthysica* (Scopoli, 1763) (*subulata* Ol.) [Švihla 1999]
- Pyrochroa serraticornis* (Scop.) — add A [T97]
- Rabocerus gabrieli* (Gerh.) — add I [PM97]
- Sphaeriestes stockmanni* (Bistr.) — add I [PM97]
- p. 60**
- Euglenes pygmaeus* (DeG.) — add I [B01a]
- Hirticomus hispidus* (Rossi) — add A [Telnov 2001]
- Cordicomus sellatus* (Panz.) — add A [T97]
- Sticticomus** — change to **Stricticomus** [error]
- Stricticomus tobias* (Mars.) — add E I [B01a]
- Meloe proscarabaeus* L. — retain N [Vik 1993, ØL00]
- Apalus bimaculatus* (L.) — add A [T97]
- p. 61**
- Myrmechixenus subterraneus* Chevr. — add I [B01a]
- After *Blaps* F. add ***Oodescelis*** Motschulsky, 1845, with *O. polita* (Sturm, 1807) I [PM97]

After *Phylan* Dej. add ***Pedinus*** Latreille, 1796, with
P. femoralis (Linnaeus, 1767) I [PM97]
Phylan gibbus (F.) — add A [T97]
Palorus depressus (F.) — add AI [T97, PM97]
Tribolium madens Charp. — add I [Tamutis & Zolubas 2001]
Tribolium confusum DuV. — add A [T97]
Tribolium destructor Uytt. — add A [T97]
Upis ceramoides (L.) — add A [T97]
Neatus picipes (Hbst.) — add I [PM97]

p. 62

Corticeus pini (Panz.) — add I [PM97]
Corticeus fasciatus (F.) — add I [PM97]
Allecula morio (F.) — add A [B01a]
Prionychus melanarius (Germ.) — add N [H97]
Mycetochara axillaris (Payk.) — add A [T97]
Mycetochara humeralis (F.) — add A [B01a]
Omophlus rufitarsis (Leske) — change to *O. betulae* (Herbst, 1783) (*rufitarsis* (Leske)) [Lucht & Klausnitzer 1998]
Anaspis bohemia Schky. — add A [J99]
After *Anaspis lurida* Steph. — add *A. viennensis* Schilsky, 1895 E [Miländer 1996]
Anaspis ruficollis (F.) — add I [G93]
Anaspis garneysi Fowl. — add A [J99]
Anaspis flava (L.) — add I [G93, PM97]
Variimorda briantea Com. — add E [Miländer 1996, cf. S97]
Mordella holomelaena Apf. — add I [G93, PM97]

p. 63

Curtimorda maculosa (Naez.) — add I [PM97]
After *Mordellistena parvula* (Gyll.) — add *M. falsoparvula* Ermisch, 1956 E [Miländer 1996]
Mordellistena rhenana Erm. — add E [Miländer 1996]
After *Mordellistena carinthiaca* Erm. — add *M. gemellata* Schilsky, 1899 E [Miländer 1996]
Mordellistena brevicauda (Boh.) — add I [PM97]
After *Mordellistena brevicauda* (Boh.) — add *M. pseudobrevicauda* Ermisch, 1963 E [Miländer 1996] and *M. stenidea* Mulsant, 1856 I [PM97]
Mordellistena purpureonigrans Erm. — add N E [H97, Miländer 1996]
Mordellistena secreta Hor., cf. S97 — add N [H97]
Mordellochroa abdominalis (F.) — add I [G93, PM97]
Metoecus paradoxus (L.) — add I [PM97]
Orchesia luteipalpis Guill. — add D [Hansen & al. 1999]
Orchesia undulata Kr. — add A [J99]

Phloiotrya rufipes (Gyll.) — add A [J99]
Rushia parreyssii (Muls.) — add A [J99]
Xylita laevigata (Hellenius) — add A [T97]

p. 64

Zilora sericea (Sturm), cf. S97 — add I [G93, PM97]
Conopalpus testaceus (Ol.) — add A [Telnov 2001]
Nothorhina punctata (F.) — add A [B01a]
After *Rhamnusium bicolor* (Schr.) — add *R. gracilicorne* Théry, 1895 I [PM97, cf. Pesarini & Sabbadini 1994]
Evodinus borealis (Gyll.) — add I [PM97]
Pidonia lurida (F.) — delete E [Süda & Miländer 1998]

p. 65

Anoplodera rufipes (Schall.) — delete E [Süda & Miländer 1998]
After *Anoplodera livida* (F.) — add *A. fulva* (De-Geer, 1775) I [G93]
Anoplodera scutellata (F.) — add A [Gailis & Vilks 2001]
Anoplodera dubia (Scop.) — delete EA [Süda & Miländer 1998, T97]
Judolia cerambyciformis (Schr.) — change E to ? [Süda & Miländer 1998]
Leptura bifasciata Müll. — add E [Süda & Miländer 1998]
Cerambyx cerdo L. — add A [T97]
Cerambyx scopoli Fuessli — change E to ? [Süda & Miländer 1998]
Ropalopus macropus (Germ.) — add I [G93]
Leioderus kollari Redt. — add A [B01a]

p. 66

Callidium coriaceum Payk. — add I [G93, PM97]
Cyrtoclytus capra (Germ.) — add A [Gailis & Vilks 2001]
Plagionotus arcuatus (L.) — change E to ? [Süda & Miländer 1998]
Anaglyptus mysticus (L.) — add A [T97]
As first in **Lamiinae** add **Dorcadionini** Latreille, 1825, with ***Dorcadion*** Dalman, 1817, *D. fuliginator* (Linnaeus, 1758) A [T97]
Monochamus sartor (F.) — delete E [Süda & Miländer 1998]
Pogonocherus hispidulus (Pill. & M.) — add I [G93, Tamutis & Zolubas 2001]
Pogonocherus ovatus (Gze.) — delete E [Süda & Miländer 1998]
Leiopus punctulatus (Payk.) — add A [T97]

p. 67

- Stenostola dubia* (Laich.) — add A [T97]
Phytoecia cylindrica (L.) — add I [PM97]
 After *Donacia semicuprea* — add *D. malinovskyi*
 Ahrens, 1810 (*malinovskyi* auct.) I [G93, PM97]
Donacia fennica (Payk.) — add I [B01a]
Donacia brevicornis Ahr. — add N [H97, Hansen
 & al. 1999]
Donacia antiqua Kunze — add I [PM97, B01a]
Plateumaris discolor (Hbst.) — add I [PM97]
Crioceris duodecimpunctata (L.) — add S [Lund-
 berg 1997]
Crioceris asparagi (L.) — add I [PM97]
Zeugophora subspinosa (F.) — add I [PM97]

p. 68

- After *Labidostomis humeralis* (Schn.) — add *L.*
lucida (Germar, 1823) A [T97]
 After *Labidostomis longimana* (L.) — add *L. lepida*
 Lefevre, 1872 A [T97]
Smaragdina affinis (Ill.) — add A [T97]
 After *Cryptocephalus hypochoeridis* (L.) — add
C. violaceus Laicharting, 1781 I [PM97]
Cryptocephalus quadripustulatus Gyllenhal, 1813
 — change author to Fabricius, 1775 [orig.]
 After *Cryptocephalus flavipes* F. — add *C. sig-*
natifrons Suffrian, 1847 A [T97]
 After *Cryptocephalus pini* (L.) — add *C. frenatus*
 Laicharting, 1781 I [G93, PM97]
 After *Cryptocephalus pallifrons* Gyll. — add *C.*
janthinus Germar, 1824 I [PM97]
 After *Cryptocephalus bilineatus* (L.) — add *C. ele-*
gantulus Gravenhorst, 1807 A and *C.*
chrysopus Gmelin, 1790 A [T97]
Cryptocephalus frontalis Marsh. — add I [PM97]
Cryptocephalus querceti Suffr. — add AI [T97,
 PM97]
Cryptocephalus exiguus Schn. — add A [T97]
 After *Cryptocephalus exiguus* — add *C. pygmaeus*
 Fabricius, 1792 A [T97]
 After *Cryptocephalus fulvus* (Gze.) — add *C. po-*
puli Suffrian, 1848 A [T97]
Cryptocephalus rufipes (Gze.) — add A [T97]
Chrysochus asclepiadeus (Pall.) — add A [T97]
Pachnephorus pilosus Rossi — add A [T97]
Leptinotarsa decemlineata (Say) — change i to F
 [Tomminen 1999]
 After *Chrysolina cerealis* (L.) — add *C. relucens*
 (Rosenhauer, 1847) K [Bienkowski 1997a]

- After *Chrysolina haemoptera* (L.) — add *C. fu-*
liginosa (Olivier, 1807) A [T97]
 After *Chrysolina latecincta* (Demais.) — add *C.*
kuesteri (Helliesen, 1911) A [T97]

p. 69

- Chrysolina geminata* (Payk.) — add I [PM97]
Chrysolina rufa (Duft.) — add A [T97]
Chrysolina quadrigemina (Suffr.) — add A [T97,
 cf. S97]
Oreina rugulosa (Suffr.) — change to *O. luctuosa*
 (Olivier, 1807) (*rugulosa* (Suffrian, 1851) nec
 (Gebler, 1841), *suffriani* Bontems, 1984) [Bon-
 tems 1984]
Linnaeidea Motsch. — change to *Plagiosterna*
 Motschulsky, 1860 (*Linnaeidea* Motschulsky,
 1860) [Biondi & Daccordi 1999]
Phratora polaris (Sp.Schn.) — add A [T97]
 After genus *Entomoscelis* Chev. add *Timarchini*
 Motschulsky, 1860, with genus *Timarcha* De-
 jean, 1821, and species *T. tenebricosa* (Fabricius,
 1775) A, and *T. goettingensis* (Linnaeus, 1758)
 AI [T97, PM97]
 After *Galeruca laticollis* Sahlb. — add *G. dahli*
 (Joannis, 1866) A [T97]
Xanthogaleruca luteola (Müll.) — add A [T97]
Sernylassa halensis (L.) — add A [B01a]
- p. 70**
Phyllotreta armoraciae (Koch) — add D [Pedersen
 & al. 2001]
Aphthona abdominalis (Duft.) — add I [PM97]
 After *Aphthona lutescens* (Gyll.) — add *A. nig-*
riceps (Redtenbacher, 1842) A [T97]
Aphthona violacea (Koch) — add I [PM97]
Aphthona pygmaea (Kutsch.) — add A [T97]
 After *Longitarsus succineus* (Foudr.) — add *L. no-*
ricus Leonardi, 1976 A [Warchalowski 1996]
 After *Longitarsus succineus* (Foudr.) — add *L.*
aeruginosus (Foudras, 1860) A [T97]
Longitarsus rubiginosus (Foudr.) — delete N [Vik
 1993]
 After *Longitarsus lycopi* (Foudr.) — add *L. mem-*
branaceus (Foudras, 1860) A [T97]
Longitarsus plantagomaritimus Dollm. — add K
 [Bienkowski 1997b]
Longitarsus kutscheraei (Rye) — add K I [Bien-
 kowski 1997b, Tamutis 1999]
Longitarsus curtus (All.) — add N [ØL00]
Longitarsus exoletus (L.) — change to *L. exsoletus*

(L.) [orig.]
 After *Longitarsus exsoletus* (L.) — add *L. longipennis* Kutschera, 1863 A [T97]
Longitarsus ganglbaueri Heik. — add N A [Ødegaard 1994, T97]
Longitarsus aeneicollis (Fald.) — delete EAI [Warchalowski 1996]
Longitarsus brunneus (Duft.) — add A [T97]
 After *Longitarsus brunneus* (Duft.) — add *L. minusculus* (Foudras, 1860) A [T97]
 After *Longitarsus fuscoaeus* (Redt.) — add *L. echii* (Koch, 1803) I [PM97]
Longitarsus niger (Koch) — add I [G93]
Longitarsus obliteratus (Rosh.) — add I [PM97]
 After *Altica aenescens* Wse. — add *A. ampelophaga* (Guérin-Ménéville, 1858) A [T97]
Altica lythri Aubé — add I [PM97]
Hermaphysa mercurialis (F.) — add I [G93]
 After genus *Lythraia* Bed. — add *Ochrosis* Foudras, 1860, with *O. ventralis* (Illiger, 1807) A [T97]

p. 71
Neocrepidodera interpunctata (Motsch.) — add N AI [H97, G93, T97, PM97]
Neocrepidodera motschulskii Konst. — add A [B97, T97]
Derocrepis rufipes (L.) — add I [PM97]
Chaetocnema brevicollis (Thoms.) — change to *C. laevicollis* (Thoms.) [error in S97]
 After *Chaetocnema tibialis* (Ill.) — add *C. obesa* (Boieldieu, 1859) A [T97]
Chaetocnema breviscula (Fald.) — add I [PM97]
Chaetocnema mannerheimii (Gyll.) — add I [PM97]
Chaetocnema arida Foudr. — add I [PM97]
Chaetocnema subcoerulea Kutsch. — add A [T97]
 After *Chaetocnema sahlbergii* (Gyll.) — add *C. compressa* (Letzner, 1846) A [T97]
Sphaeroderma testaceum (F.) — add I [G93, PM97]
Mniophila muscorum (Koch) — add I [PM97]
Psylliodes marcida (Ill.) — add I [PM97]
Psylliodes picipa (Marsh.) — add A [T97]
Psylliodes isatidis Heik. — add N [Ødegaard 1994]
 After *Psylliodes crambicola* Lohse — add *P. cupreata* (Duftschmid, 1825) A [T97]
Psylliodes cupreata (Duft.) — add I [PM97]
Hispa atra L. — add I [PM97]
Pilemostoma fastuosa (Schall.) — add I [PM97]
 After *Cassida berlinensis* Suffr. — add *C. lineola* Creutzer, 1799 A [T97]

Cassida seladonia Gyll. — add A [T97]
 After *Cassida vibex* — add *C. pannonica* Suffrian, 1844 AI [T97, PM97]
Cassida stigmatica Suffr. — add AI [T97, PM97]
Cassida prasina Ill. — delete D [Hansen & al. 1998]
 After *Cassida prasina* Ill. — add *C. subreticulata* Suffrian, 1844 A [T97]

p. 72

Bruchus rufimanus Boh. — add A [T97]
Bruchus affinis Fröhl. — add N [ØL00]
Bruchidius marginalis (F.) — cf. S97 — add I [G93, PM97, B01a]
Spermophagus sericeus (Geoffr.) — add I [PM97]
Anthribidae Billb., after family name add **Urodontinae** Thomson, 1859, with genus *Bruchela* Dejean, 1821, and species *B. suturalis* (Fabricius, 1792) I [PM97]
Platyrhinus resinus (Scop.) — add A [T97]
Choragus horni Wolfr. — add A [T97]
Doydirhynchinae — change to **Cimberidinae** Des Gozis, 1882 [Alonso-Zarazaga & Lyal 1999]
Cimberidini Bradley, 1930 — change author to Des Gozis, 1882 [Alonso-Zarazaga & Lyal 1999]
Pselaphorhynchites Schilsky, 1903 — change to *Temnocerus* Thunberg, 1815 (*Pselaphorhynchites* Schilsky, 1903, *Caenorhinus* auct.) [Alonso—Zarazaga & Lyal 1999]
Temnocerus tomentosus (Gyll.) — add I [G93, PM97]
Temnocerus longiceps (Thoms.) — add I [PM97]
Temnocerus germanicus (Hbst.) — add I [G93]
Temnocerus aeneovirens (Marsh.) — add I [G93, PM97]
Temnocerus interpunctatus (Steph.) — add E [Mikländer 1999]

p. 73

Byctiscini Voss, 1929 — change year to 1923 [Alonso-Zarazaga & Lyal 1999]
Apoderinae Lacordaire, 1863 — change author to Jekel, 1860 [Alonso-Zarazaga & Lyal 1999]
Apion dispar Germ. — add A [T97]
Apion hookeri Kirby, 1808 — change to *Apion hookerorum* Kirby, 1808 [Gønget 1997]
Apion gibbirostre Gyll. — add I [PM97]
Apion aeneum (F.) — add I [PM97]
Apion elongatum Germ. — add A [T97]
Apion urticarium (Hbst.) — add I [PM97]
 After *Apion difficile* — add *A. elongatum* Desb-

rochers des Loges, 1891 I [G93]
Apion astragali (Payk.) — add I [G93, PM97]
Apion gracilipes Dietr. — add I [Gøngset 1997]
Apion interjectum Desbr. — change to subspecies
A. i. boreum Gøngset, 1997 [Gøngset 1997]
Apion simum Germ. — add K [Gøngset 1997]
Apion sedi Germ. — add A [T97]
Apion frumentarium (L.) — add N [Gøngset 1997]
 — cf S97
Apion cruentatum Walt. — add I [PM97]
Apion rubens Steph. — do not delete FK [cf.
 Gøngset 1997]
Apion rubens Steph. — add N [H97]
Apion meieri Desbr. — add N [Sagvolden & Han-
 sen 1996]
Apion tenue Kby. — add N [Sagvolden & Hansen
 1996]
Apion ebeninum Kby. — add I [G93]

p. 74

Apion aethiops Hbst. — add I [PM97]
Apion pavidum Germ. — add I [PM97]
 After *Apion immune* Kby. — add *A. punctirostre*
 Gyllenhal, 1839 I [G93]
Apion columbinum Germ. — add N [H97]
Apion afer Gyll. — add K [Gøngset 1997]
Apion craccae (L.) — add N [Gøngset 1997]
Apion pomonae (F.) — add A [B01a]
 After *Apion viciae* — add synonym *A. voisini* Ehret,
 1997 [Gøngset 1997]
Apion ervi Kby. — add I [G93, PM97]
Apion melancholicum Wenck. — add N [ØL00]
Nanophyes sahlbergi (Sahlb.) — add D [Gøngset 1997]
Otiorhynchus lugdunensis Boh. — add E [Milän-
 der & Roosileht 2001]
 After *Otiorhynchus lugdunensis* Boh. — add *O.*
fuscipes (Olivier, 1807) E [Miländer & Roo-
 sileht 2001]
Otiorhynchus rugosostriatus (Gze.) — add N [Sag-
 volden & Hansen 2001]
Otiorhynchus singularis (L.) — add A [B01a]
Otiorhynchus sulcatus (F.) — add A [T97]
Otiorhynchus rugifrons (Gyll.) — add A [T97]
 After *Otiorhynchus rugifrons* (Gyll.) — add *O. sm-*
reczynskii Cmoluch, 1968 D [Hansen & al. 2000]
Otiorhynchus ligustici (L.) — add A [T97]
Simo hirticornis (Hbst.) — add N [Zachariassen 1996]
Trachyphloeus spinimanus Germ. — add A [T97]
Trachyphloeus scabriculus (L.) — add E [Miländer
 1999]

Phyllobius parvulus (Olivier, 1807) — change to
P. roboretanus Gredler, 1882 (*parvulus* (Olivier,
 1807) nec (Fabricius, 1792)) [Morris 1997]
Phyllobius betulinus (Bechst. & Sch.) — add A [T97]
Phyllobius calcaratus (Fabricius, 1792) — change
 to *P. glaucus* (Scopoli, 1763) (*calcaratus* (Fab-
 ricius, 1792)) [Morris 1997]

p. 75

Polydrusus sericeus (Schaller, 1783) — change to
P. splendidus (Herbst, 1784) (*sericeus* (Schaller,
 1783) nec (Goeze, 1777)) [Morris 1997]
Strophosoma fulvicorne Walt. — add A [T97]
Strophosoma faber (Hbst.) — add A [T97]
Liophloeus lentus herbsti Gyll. — delete F [Man-
 nerkoski 1999b]
Barynotus moerens (F.) — add N [H97]
Tropiphorini Leng, 1920 — change author to Mar-
 seul, 1863 [Alonso-Zarazaga & Lyal 1999]
Chlorophanus graminicola (Schönh.) — add E
 [Miländer 1999]
Chlorophanus pollinosus (F.) (*gibbosus* (Payk.)) —
 delete E [Miländer 1999 — cf. S97]

p. 76

Lixus punctiventris Boh. — add I [PM97], cf. [S97]
Coniocleonus nigrosuturatus (Gze.) — delete A
 [T97, cf. S97]
Chromoderus Motschulsky, 1860 — change to
Bothrynoderes Schönherr, 1823 (**Chromoderus**
 Motschulsky) [Alonso-Zarazaga & Lyal 1999]
Cyphocleonus trisulcatus (Hbst.) — add I [G93]
Gronops inaequalis Boh. — add A [T97]
Hypera vidua Gené — add N [H97, Hansen & al. 1999]

p. 77

Notaris bimaculatus (F.) — add I [G93, PM97]
Notaris scirpi (F.) — add I [G93, PM97]
Notaris acridulus (L.) — add I [G93, PM97]
Notaris maerkeli (Boh.) — add A [T97]
Dorytomus nordenskiöldi Faust — add I [PM97]
Dorytomus suratus (Gyll.) — add I [PM97]
Dorytomus dejeani Faust — add I [PM97]
Dorytomus melanophthalmus (Payk.) — add I [PM97]
Dorytomus salicis Walt. — add I [PM97]
Stereonychus fraxini (DeG.) — add I [B01a]
Tychius parallelus (Panz.) — add I [G93]
Tychius polylineatus (Germ.) — add I [PM97]
Tychius schneideri (Hbst.) — add I [PM97]
Tychius trivialis Boh. — add D [Hansen & al. 1998]
Tychius sharpi Tourn. — add A [B97]

Sibinia phalerata (Gyll.) — add I [PM97]

After *Sibinia sodalis* Germ. — add *S. nigratarsis* (Desbrochers des Loges, 1875) A [T97]

p. 78

Anthonomus piri Koll. — add A [T97]

Anthonomus brunnipennis Curt. — add N E I [B01a, Barševskis 2001c]

Rhynchaenus rufus (Schr.) — add A [J99]

Rhynchaenus pilosus (F.) — add I [G93, PM97]

Rhynchaenus quercus (L.) — add I [PM97]

Tachyerges pseudostigma (Temp.) — add N [Ødegaard 2001, cf. S97]

Rhamphus oxyacanthae (Marsh.) — add A [T97]

After *Rhamphus oxyacanthae* (Marsh.) — add *R. subaeneus* (Illiger, 1807) I [PM97]

Gymnetron labile (Hbst.) — transfer to *Miarus*, add N [Caldara 2001, H97]

Gymnetron pascuorum (Gyll.) — transfer to *Miarus* [Caldara 2001]

Gymnetron villosulum Gyll. — add S I [Gillerfors 1997b, PM97]

Gymnetron beccabungae (L.) — add I [G93]

After *Gymnetron* Schönh. — add genus ***Rhinusa*** Stephens, 1829 [Caldara 2001]

Gymnetron tetrum (F.) — transfer to *Rhinusa* [Caldara 2001]

Gymnetron antirrhini (Payk.) — transfer to *Rhinusa* [Caldara 2001]

Gymnetron hispidum Brullé — transfer to *Rhinusa* [Caldara 2001]

Gymnetron netum (Germ.) — transfer to *Rhinusa* [Caldara 2001]

p. 79

Gymnetron thapsicola (Germ.) — transfer to *Rhinusa* [Caldara 2001]

Gymnetron collinum (Gyll.) — transfer to *Rhinusa* [Caldara 2001]

Gymnetron linariae (Panz.) — transfer to *Rhinusa* [Caldara 2001]; add I [B01a]

After *Miarus* Schönh. — add genus ***Cleopomiarus*** Pierce, 1919 (***Miaromimus*** Solari, 1947) [Caldara 2001]

Miarus micros (Germ.) — transfer to *Cleopomiarus* [Caldara 2001]

Miarus distinctus (Boh.) — transfer to *Cleopomiarus*, add I [Caldara 2001, G93]

Miarus graminis (Gyll.) — transfer to *Cleopomiarus*, add I [Caldara 2001, G93, PM97]

Miarus dulcinasutus Kangas — transfer to *Cleopomiarus* [Caldara 2001]

Miarus graminoides Kangas — transfer to *Cleopomiarus* [Caldara 2001]

After *Anoplus roboris* — add *A. setulosus* Kirsch, 1870 I [G93]

Dicrantus elegans (F.) — add I [G93, PM97]

Bagous angustus Silfv. — change to *Bagous tubulus* Caldara & O'Brien, 1994 (*scanicus* Silfverberg, 1997, *angustus* Silfverberg, 1977 nec Tanner, 1954) [Caldara & O'Brien 1994, Silfverberg 1997b], add I [PM97]

Bagous lutulosus (Gyll.) — add E [Miländer 1999]

Bagous diglyptus Boh. — add N [H97]

Bagous robustus Bris. — add S [Palm 1999]

Bagous lutulentus Gyll. (*nigratarsis* Thoms.) — add I [G93, PM97]

After *Pselactus* Broun — add ***Pseudophloeopagus*** Wollaston, 1873 (***Caulotrupidodes*** Voss, 1955), with *P. aeneopiceus* (Boheman, 1845) I [PM97]

Rhyncolus ater (L.) — add I [PM97]

p. 80

Brachytemnus porcatus (Germ.) — add AI [T97, G93]

Magdalis phlegmatica (Hbst.) — add I [PM97]

Magdalis nitida (Gyll.) — add I [G93]

Magdalis memnonia (Gyll.) — add E [Miländer 1999]

After *Magdalis carbonaria* — add *M. caucasica* Tournier, 1872 A [J99]

Hylobius transversovittatus (Gze.) — add N [H97]

Liparus coronatus (Gze.) — add A [T97]

Acalles roboris Curt. — add I [PM97]

Acalles camelus (F.) — add A [J99]

Acalles parvulus Boh. — add N [Hansen 1994]

Mononychus punctumalbum (Hbst.) — add A [T97]

p. 81

Litodactylus Redt. — change to ***Phytobius*** Schönherr, 1833 (***Litodactylus*** Redtenbacher, 1845) [Opinion 1968]

Phytobius Dej. — change to ***Pelenomus*** Thomson, 1859 (***Phytobius*** Dejean, 1835, nec Schönherr, 1833) [Opinion 1968]

Pelenomus (ex *Phytobius*) *comari* (Hbst.) — change to *P. commari* (Panzer, 1794) (*comari* (Herbst, 1795)) [Colonnelli 1998]

Pelenomus (ex *Phytobius*) *waltoni* Boh. — add I [G93, PM97]

Poophagus sisymbrii (F.) — add I [G93]

- Tapinotus sellatus* (F.) — add N [H97, Hansen & al. 1999]
- Coeliodes nigritarsis* Hartm. — add N [ØL00]
- Coeliodes dryados* (Gmel.) — change to *C. rana* (Fabricius, 1787) (*dryados* (Gmelin, 1790)) [Colonnelli 1998]
- Coeliodes erythroleucos* (Gmel.) — change to *C. transversalbofasciatus* (Goeze, 1777) (*erythroleucos* (Gmelin, 1790)) [Colonnelli 1998]
- Zacladus geranii* (Payk.) — add I [G93, PM97]
- Ceutorhynchus contractus* (Marsh.) — change to *C. pallipes* Crotch, 1866 (*minutus* (Reich, 1797) nec (Drury, 1773), *contractus* (Marsham, 1802) nec (Geoffroy, 1785)) [Colonnelli 1998 & pers.comm.]
- Ceutorhynchus peticax* Wse. — add A [T97]
- Ceutorhynchus alliariae* Bris. — add S [Palm 1999]
- p. 82**
- Ceutorhynchus inaeffectatus* Gyll. — add A [T97]
- Ceutorhynchus suturalis* (F.) — add I [G93, PM97, cf S97]
- Ceutorhynchus floralis* (Payk.) — change to *C. typhae* (Herbst, 1795) (*floralis* (Paykull, 1792) nec (Olivier, 1790)) [Colonnelli 1998]
- Ceutorhynchus cakilis* (Hansen) — add E [Silfverberg 2000]
- After *Ceutorhynchus pyrhorhynchus* (Marsh.) — add *C. denticulatus* (Schränk, 1781) I [PM97]
- Ceutorhynchus angulosus* Boh. — add E [Miländer 1999]
- Ceutorhynchus melanostictus* (Marsh.) — delete F [Clayhills 1999b]
- Ceutorhynchus figuratus* Gyll. — synonymize with *C. rugulosus* (Hbst.) [Colonnelli 1998]
- Ceutorhynchus litura* (F.) — add I [G93]
- After *Ceutorhynchus euphorbiae* Bris. — add *C. abbreviatulus* (Fabricius, 1792) I [PM97]
- Ceutorhynchus asperifoliarum* (Gyll.) — add AI [T97, PM97]
- Ceutorhynchus cruciger* (Hbst.) — change to *C. crucifer* (Pallas, 1771) (*cruciger* (Herbst, 1784)) [Colonnelli 1998]
- Ceutorhynchus javeti* Bris. — change to *C. javetii* Gerhardt, 1867 (*javeti* Brisout de Barneville 1869) [Colonnelli 1998]
- Sirocalodes depressicornis* (Gyll.) — add I [PM97]
- Trichosirocalus barnevillei* (Gren.) — add AI [T97, PM97]
- Coryssomerus capucinus* (Beck) — add I [PM97]
- Hylurgops starki* Egg. — change to synonym of *Hylastes cunicularius* Er. [Pfeffer 1995]
- Hylastes ater* (F.) — delete E [Voolma & al. 1998]
- Hylastes attenuatus* Er. — add A [T97]
- Hylastes angustatus* (Hbst.) — add K [Mandelsh-tam & Popovichev 2000]
- After *Hylastes opacus* Er. — add *H. obscurus* Cha-puis, 1875 (*septentrionalis* Eggers, 1923) K [Pfeffer 1995]
- p. 83**
- Hylesinus oleiperda* (F.) — add A [T97]
- Hylurgus ligniperda* (F.) — delete N [Vik 1993]
- Phloeotribus rhododactylus* (Marsh.) — delete F [Heliövaara & al. 1998]
- Phloeotribus spinulosus* (Rey) — add I [PM97]
- Scolytus scolytus* (F.) — add A [T97]
- Scolytus mali* (Bechst. & Sch.) — add A [T97]
- Scolytus intricatus* (Ratz.) — add A [T97]
- Scolytus rugulosus* (Ratz.) — add A [T97]
- Pityogenes trepanatus* (Nördl.) — add K [Man-delsh-tam & Popovichev 2000]
- Orthotomicus longicollis* (Gyll.) — add E I [Vool-ma & al. 1998, G93]
- Ips cembrae* (Heer) — add K and synonym *sub-elongatus* Motschulsky, 1860 [Pfeffer 1995, Mozolevskaya & Sharapa 1996, Mandelsh-tam & Popovichev 2000] — cf. S97
- Lymantor aceris* (Lindem.) — delete E [Voolma & al. 1998]
- Taphrorychus bicolor* (Hbst.) — add N [H97]
- Dryocoetes villosus* (F.) — delete E, add A [Vool-ma & al. 1998, T97]
- Dryocoetus alni* (Georg) — add I [PM97]
- Trypodendron proximum* (Nij.) — change to *T. lae-ve* Eggers, 1939 (*proximum* auct.) [Voolma & al. 2000]
- p. 84**
- Xyleborus cryptographus* Ratz. — add I [Tamutis & Zolubas 2001]
- Xyleborus monographus* (F.) — add I [PM97]
- Xyleborinus saxeseni* (Ratz.) — add N I [H97, PM97, Tamutis & Zolubas 2001]
- Trypophloeus bispinulus* Egg. — add K [Mandel-sh-tam & Popovichev 2000]
- Ernoporos tiliae* Panz. — add AI [T97, Tamutis & Zolubas 2001]
- Pityophthorus pityographus* (Ratz.) — delete E [Voolma & al. 1998]
- Pityophthorus lichtensteinii* (Ratz.) — add A [J99]

Pityophthorus morosovi Spess. — add F [Heliövaara & al. 1998]

After genus *Pityophthorus* Eichh. — add **Gnathotrichus** Eichhoff, 1868, with *G. materiarius* (Fitch, 1855) F [Valkama & al. 1997]

Platypus cylindrus (F.) — add A [T97]

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