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## World Catalogue of Dytiscidae – corrections and additions, 3 (Coleoptera: Dytiscidae)

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### Abstract

A third set of corrections and additions is given to the World Catalogue of Dytiscidae (NILSSON 2001) including the first and second sets of corrections and additions (NILSSON 2003 & 2004). *Megadytes lherminieri* (GUÉRIN-MÉNEVILLE, 1829) has priority over *M. giganteus* (LAPORTE, 1835). The species name *Dytiscus silphoides* PONZA, 1805 is declared as a *nomen oblitum*, in order to ensure the continuous usage of its junior synonym *Deronectes opatrinus* (GERMAR, 1824) as a valid name (*nomen protectum*). The preoccupied name *Hydroporus ruficeps* AUBÉ, 1838 is replaced with *Hydroporus pseudoniger* nom.n. New taxa published before January 1, 2006 are added. The number of recent species of the family Dytiscidae is now 3959.

**Key words:** Coleoptera, Dytiscidae, world, replacement name, catalogue, corrections, additions.

### Introduction

The World catalogue of Dytiscidae (NILSSON 2001) was recently updated in two sets of corrections and additions (NILSSON 2003, 2004, here referred to as CA1 and CA2), covering works published up to January 1, 2004. This third update includes new taxa and other taxonomic acts published before January 1, 2006. The age of some fossil species have been reconsidered according to EVENHUIS (1994). The transfer of species from *Copelatus* to genus *Papuadytes* suggested by BALKE et al. (2004a) follows instructions given by BALKE (in litt.). The number of recent species of Dytiscidae is now 3959.

### Corrections

Page 34: *Ilybius wasastjerna*: change original binomen to *Dyticus wasastjerna*.

Page 38: *Platambus balfourbrownei*: change distribution to OR PL.

Page 38: *Platambus incrassatus*: change reference for DESCR. to BRANCUCCI 2004a:81.

Page 42: *Platynectes decempunctatus* synonym *Agabus mastersii*: change name of author to W.J.MACLEAY.

Page 42: *Platynectes monostigma*: change original description to HOPE, 1841:47.

Page 42: *Platynectes octodecimmaculatus*: change name of author to W.S.MACLEAY.

Page 53: *Rhantus suturalis*: change name of author to W.S.MACLEAY.

Page 56: *Copelatus* (s. str.) synonym *Liopterus*: change status to genus of Copelatini vide BALKE et al. 2004a:877.

Page 56: *Copelatus chloroticus* synonyms *americanus* and *lividus*: change references for N. SYN. to GUIGNOT 1952a:21.

- Page 60: *Copelatus fallax*: change status to junior synonym of *C. pantosi*; N. SYN.: BILARDO & ROCCHI 2004:293.
- Page 61: *Copelatus johannis*: change year of GUIGNOT to 1954, and reference to 1954d:33.
- Page 63: *Copelatus speciosus* synonym *tarapotensis*: change reference for original description to 1919a:202.
- Page 64: *Copelatus* GROUP *haemorrhoidalis*: change name of group to *hydroporoides* (oldest name after removal of *haemorrhoidalis* to genus *Liopterus* and *parvulus* to genus *Papuadytes*).
- Page 64: *Copelatus ater*, *C. atripennis*, *C. australiae*, *C. australis* and *C. bimaculatus*: transfer to genus *Papuadytes* vide BALKE et al. 2004a:867; N. COMB.
- Page 64: *Copelatus atriceps*: transfer to genus *Liopterus*; N. COMB.: BALKE et al. 2004a:877.
- Page 65: *Copelatus boulevardi*, *C. commatifer*, *C. elongatulus*, *C. ferrugineus*, *C. gapa*, *C. glyptus* and *C. gracilis*: transfer to genus *Papuadytes* vide BALKE et al. 2004a:867; N. COMB.
- Page 65: *Copelatus haemorrhoidalis*: transfer to genus *Liopterus*; N. COMB.: BALKE et al. 2004a:877.
- Page 66: *Copelatus maculatus*, *C. melanarius*, *C. novaecaledoniae*, *C. politus*, *C. punctipennis* and *C. rasilis*: transfer to genus *Papuadytes* vide BALKE et al. 2004a:867; N. COMB.
- Page 66: *Copelatus parvulus*: transfer to genus *Papuadytes* (BALKE in litt.); N. COMB.
- Page 67: *Copelatus simplex*: transfer to genus *Papuadytes* vide BALKE et al. 2004a:867; N. COMB.
- Page 67: *Copelatus andamanicus*: change to synonym of *C. oblitus*; N. SYN.: HENDRICH et al. 2004:118.
- Page 67: *Copelatus andamanicus* synonyms *C. ryukyuensis*, *C. subfasciatus* and *C. tokaraensis*: change to synonyms of *C. oblitus*; N. SYN.: HENDRICH et al. 2004:118.
- Page 73: *Copelatus filiformis*: change distribution to OR PL.
- Page 74: *Copelatus aubei*, *C. brownei* and *C. interruptus*: transfer to genus *Papuadytes* vide BALKE et al. 2004a:867; N. COMB.
- Page 75: *Copelatus irregularis*: change name of author to W.J.MACLEAY.
- Page 75: *Copelatus perfectus*: transfer to genus *Papuadytes* (BALKE in litt.); N. COMB.
- Page 76: *Papuadytes*: change status to genus of Copelatini; N. STAT.: BALKE et al. 2004a:876.
- Page 76: *Copelatus aipo*, *C. aipomek*, *C. ascendens*, *C. astrophallus*, *C. atratus*, *C. bacchusi*, *C. broschii*, *C. casuarinus*, *C. damantiensis*, *C. danae*, *C. desii*, *C. erteldi*, *C. fume* and *C. heidiae*: transfer to genus *Papuadytes* vide BALKE et al. 2004a:876; N. COMB.
- Page 77: *Copelatus jaseminae*, *C. karmurensis*, *C. ketembang*, *C. larsoni*, *C. manfredi*, *C. me*, *C. messeri*, *C. miriae*, *C. monae*, *C. nomax*, *C. patepensis*, *C. rivulus*, *C. rufus*, *C. sanctimontis*, *C. takime*, *C. talaki*, *C. tarmluensis* and *C. ullrichi*: transfer to genus *Papuadytes* vide BALKE et al. 2004a:876; N. COMB.
- Page 79: *Lacconectus hainanensis* and *L. strigulifer*: transfer to GROUP *fulvescens*.
- Page 82: *Graphoderus austriacus*: N. COMB.: change year of DEJEAN to 1836.
- Page 83: *Graphoderus zonatus verrucifer*: change original binomen to *Dyticus verrucifer*.
- Page 86: *Thermonectus variegatus*: N. COMB.: change year of DEJEAN to 1836.

- Page 87: *Austrodytes insularis*: change original description to HOPE, 1841:47.
- Page 90: *Cybister tripunctatus temnenkii* synonym *Cybister gayndahensis*: change name of author to W.J.MACLEAY.
- Page 94: Subgenus *Bifurcitus*: *Megadytes giganteus* synonym *Cybister lherminieri*: change to: *Dytiscus lherminieri* GUÉRIN-MÉNEVILLE, 1829:pl.8; TL: Guadélope [by indication]; Holotype; N. SYN.: SHARP 1882a:713 (see reference to GUÉRIN-MÉNEVILLE, 1829 below); because of priority *Megadytes lherminieri* (GUÉRIN-MÉNEVILLE, 1829) becomes the valid name of the species with *Cybister giganteus* LAPORTE, 1835:99 as a junior synonym.
- Page 97: *Dytiscus circumflexus* synonym *Dytiscus perplexus*: change reference for N. SYN. to GISTEL 1856b:98.
- Page 101: *Hydaticus fabricii*: change name of author to W.S.MACLEAY.
- Page 109: *Allodessus bistrigatus*: change reference for DESCR. to BALKE & RIBERA 2004:119.
- Page 109: *Allodessus bistrigatus* synonym *Hydroporus luridus*: change name of author to W.J.MACLEAY.
- Page 110: *Amarodytes duponti*: change reference for DESCR. to BENETTI & RÉGIL 2004:54.
- Page 117: *Boongurrus*: change status to junior synonym of *Limbodessus*; N. SYN.: BALKE & RIBERA 2004:124.
- Page 117: *Boongurrus rivulus*: transfer to genus *Limbodessus*; N. COMB.: BALKE & RIBERA 2004:125.
- Page 118: *Clypeodytes lentus*: change distribution to AF.
- Page 121: *Hydroglyphus basalis*: change name of author to W.J.MACLEAY.
- Page 124: *Hydroglyphus mastersii*: change name of author to W.J.MACLEAY.
- Page 126: *Hydroglyphus thienemanni*: transfer to genus *Allodessus*; N. COMB.: BALKE & RIBERA 2004:119; change reference for DESCR. to BALKE & RIBERA 2004:123.
- Page 129: *Liodessus amabilis* and *L. curviplicatus*: transfer to genus *Limbodessus*; N. COMB.: BALKE & RIBERA 2004:125; change reference for DESCR. of *L. amabilis* to WATTS & LEYS 2005:4.
- Page 129: *Liodessus dispar*: change status to junior synonym of *Limbodessus shuckardii*; N. SYN.: WATTS & LEYS 2005:12.
- Page 129: *Liodessus dispar* synonym *Bidessus elegans*: change to synonym of *Limbodessus shuckardii*; change reference for N. SYN. to WATTS & LEYS 2005:12.
- Page 130: *Liodessus gemellus* and *L. inornatus*: transfer to genus *Limbodessus*; N. COMB.: BALKE & RIBERA 2004:125; change reference for DESCR. of *L. gemellus* to WATTS & LEYS 2005:6, and that of *L. inornatus* to WATTS & LEYS 2005:8.
- Page 130: *Liodessus megacephalus*: transfer to genus *Allodessus*; N. COMB.: BALKE & RIBERA 2004:119; change reference for DESCR. to BALKE & RIBERA 2004:122.
- Page 131: *Liodessus oliveri* and *L. skottsbergi*: transfer to genus *Allodessus*; N. COMB.: BALKE & RIBERA 2004:119; change reference for DESCR. to BALKE & RIBERA 2004:123.
- Page 131: *Liodessus praelargus* and *L. shuckardii*: transfer to genus *Limbodessus*; N. COMB.: BALKE & RIBERA 2004:125; change reference for DESCR. of *L. praelargus* to WATTS & LEYS 2005:10, and that of *L. shuckardii* to WATTS & LEYS 2005:12.

- Page 134: *Nirridessus bigbellensis*, *N. cueensis*, *N. hinkleri*, *N. lapostae*, *N. morgani* and *N. pulpa*: transfer to genus *Limbodessus*; N. COMB.: BALKE & RIBERA 2004:125.
- Page 135: *Nirridessus windarraensis*: transfer to genus *Limbodessus*; N. COMB.: BALKE & RIBERA 2004:125.
- Page 135: *Platydytes coarctaticollis* subspecies *gabonicus*: change status to junior synonym of *P. coarctaticollis*; N. SYN.: BILARDO & ROCCHI 2004:292.
- Page 136: *Tjirtudessus*: change status to junior synonym of *Limbodessus*; N. SYN.: BALKE & RIBERA 2004:124.
- Page 136: *Tjirtudessus eberhardi*, *T. hahni* and *T. magnificus*: transfer to genus *Limbodessus*; N. COMB.: BALKE & RIBERA 2004:125.
- Page 238: *Africophilus nesiotetes*: change year of GUIGNOT to 1951.
- Page 142: *Yola tuberculata* original binomen: change to *Y. costipennis* var. *tuberculata*.
- Page 143: Genus unknown *cheesmanae*: transfer to genus *Limbodessus*; N. COMB.: BALKE & RIBERA 2004:125.
- Page 147: *Chostonectes nebulosus*: change name of author to W.J.MACLEAY.
- Page 149: *Deronectes opatrinus*: add *nomen protectum*; synonym *Dytiscus silphoides* [page 151]; add *nomen oblitum*. [Article 23.9.1 of the Code is here applied to this case as the senior synonym has not been used as a valid name after 1899, and the junior synonym has been used as the valid name in at least 25 works published by at least 10 authors in the last 50 years; a set of 28 selected works is given in the Appendix.]
- Page 151: *Deronectes silphoides*: change to synonym of *D. opatrinus*; N. SYN.: VILLA & VILLA 1833:7.
- Page 151: *Graptodytes aequalis*: add: name conserved by FERY 2004a:91.
- Page 151: *Graptodytes bilineatus* synonym: *Hydroporus nigritarsis*: change author to SHARP.
- Page 151: *Graptodytes fractus* synonym *Hydroporus kuchtai*: change status to species; N. COMB.: GUIGNOT 1933:901.
- Page 156: *Hydroporus decipiens*: change TL to Portugal >Monchique, Spain >Sierra de Guadarrama; change year of RIBERA et al. to 1999, also in reference list; change reference for DESCR. to ZIMMERMANN 1931:134 (as RIBERA et al. 1999 restored the species status but gave no description).
- Page 156: *Hydroporus discretus* synonym *Hydroporus discretus tatricus*: change reference for N. SYN. to GALEWSKI 1971:14.
- Page 157: *Hydroporus foveolatus*: Lectotype designated by SHAVERDO 2004:259.
- Page 157: *Hydroporus larsoni*: add PL to distribution vide ANDREJEVA & PETROV 2004.
- Page 157: *Hydroporus planus* synonym *Hydroporus corsicus*: change to synonym of *Hydroporus discretus discretus*; N. SYN.: ZIMMERMANN 1915:223.
- Page 158: *Hydroporus pubescens* synonym *Hydroporus distinguendus* var. *estrellensis*: change TL to Portugal >Serra da Estrêla.
- Page 163: *Hydroporus kozlovskii*: Lectotype designated by SHAVERDO 2004:248; restrict type locality to Georgia >Tabatskhuri; change reference for DESCR. to SHAVERDO 2004:248.
- Page 163: *Hydroporus martensi*: change reference for DESCR. to SHAVERDO 2004:258.

- Page 163: *Hydroporus nigrita*: Lectotype designated by SHAVERDO 2004:224; change reference for DESCR. to SHAVERDO 2004:234.
- Page 163: *Hydroporus nigrita* synonym *Hydroporus bisbiguttatus*: Lectotype designated by SHAVERDO 2004:225; restrict type locality to Finland >Oulun province >Haapajärvi.
- Page 163: *Hydroporus nigrita* synonym *Hydroporus glabellus*: Lectotype designated by SHAVERDO 2004:224; restrict type locality to Sweden >Öland.
- Page 163: *Hydroporus nigrita* synonym *Hydroporus monilicornis*: Lectotype designated by SHAVERDO 2004:224; restrict type locality to Russia >Kola Peninsula >Kandalaksha (Kantalaks).
- Page 163: *Hydroporus nigrita* synonym *Hydroporus subalpinus*: Lectotype designated by SHAVERDO 2004:224.
- Page 163: *Hydroporus nigrita* synonym *Hydroporus trivialis*: Lectotype designated by SHAVERDO 2004:224.
- Page 163: *Hydroporus nivalis*: Lectotype designated by SHAVERDO 2004:259; restrict type locality to Switzerland >Glarus canton >Seelochseeli; change status to junior synonym of *H. foveolatus*; N. SYN.: SHAVERDO 2004:259.
- Page 163: *Hydroporus nivalis* synonym *Hydroporus sabaudus*: change status to species; Lectotype designated by SHAVERDO 2004:236; DESCR.: SHAVERDO 2004:236.
- Page 163: *Hydroporus nivalis* synonym *Hydroporus alticola*: change to synonym of *H. sabaudus sabaudus*; Lectotype designated by SHAVERDO 2004:238; N. SYN.: SHAVERDO 2004:236.
- Page 163: *Hydroporus nivalis* synonym *Hydroporus scholzi*: change to synonym of *H. sabaudus sabaudus*; Lectotype designated by SHAVERDO 2004:238; N. SYN.: SHAVERDO 2004:236.
- Page 163: *Hydroporus teres*: change reference for DESCR. to SHAVERDO 2004:255.
- Page 163: *Hydroporus thracicus*: change reference for DESCR. to SHAVERDO 2004:244.
- Page 163: *Hydroporus tibetanus*: Lectotype designated by SHAVERDO 2004:260; change reference for DESCR. to SHAVERDO 2004:260; transfer to GROUP *fuscipennis* vide SHAVERDO 2004:260.
- Page 164: *Hydroporus paganettianus*: change year of RIBERA et al. to 1999, also in reference list.
- Page 165: *Hydroporus ampliatus*: restrict type locality to Georgia >Batumi district >Notanebi; Lectotype designated by BILYASHIVSKI 2004:47; change reference for DESCR. to BILYASHIVSKI 2004:47. [Notes: *Hydroporus ampliatus* was placed erroneously in the *nigellus*-group by NILSSON (2001:161); it was transferred to the *striola*-group in NILSSON (2003:67)].
- Page 165: *Hydroporus palustris* synonym *Hydroporus cambriensis*: change original description to CURTIS, 1831:343, and TL to Great Britain [by indication].
- Page 166: *Hydroporus palustris* synonym *Dytiscus sexpustulatus*: change reference for N. SYN. to DUFTSCHMID 1805:275.
- Page 169: *Megaporus gardnerii* synonym *Hydroporus brunnipennis*: change name of author to W.J.MACLEAY.
- Page 169: *Megaporus howittii* synonym *Hydroporus foveiceps*: change name of author to W.J.MACLEAY.
- Page 170: *Nebrioporus abyssinicus* synonym *flavidus* original binomen: change to *Hydroporus abyssinicus* var. *flavidus*.

- Page 174: *Necterosoma*: change name of author to W.J.MACLEAY.
- Page 175: *Necterosoma penicillatum* synonym *Necterosoma vittipenne*: change name of author to W.J.MACLEAY.
- Page 175: *Necterosoma undecimlineatum* synonym *Necterosoma flavicolle*: change name of author to W.J.MACLEAY.
- Page 178: *Oreodytes alpinus*: change page of reference for N. COMB. to 94; synonym *Hyphydrus borealis*: change reference for N. SYN. to GISTEL 1856b:99.
- Page 179: *Oreodytes sanmarkii*: change page of reference for N. COMB. to 94.
- Page 180: *Oreodytes septentrionalis*: change page of reference for N. COMB. to 94.
- Page 185: *Sternopriscus*: change reference for DESCR. of each species to the relevant page in HENDRICH & WATTS 2004: *S. browni* 109, *S. clavatus* 83, *S. hansardii* 86, *S. marginatus* 111, *S. meadfootii* 96, *S. minimus* 104, *S. montanus* 98, *S. multimaculatus* 105, *S. mundanus* 99, *S. signatus* 108, *S. tarsalis* 92, *S. tasmanicus* 101, *S. wattsi* 112, and *S. wehncke* 102.
- Page 185: *Sternopriscus cervus*: change status to synonym of *S. hansardii*; N. SYN. HENDRICH & WATTS 2004:86.
- Page 185: *Sternopriscus obscurus*: change status to synonym of *S. browni*; N. SYN.: HENDRICH & WATTS 2004:109.
- Page 185: *Sternopriscus tarsalis oscillator*: change status to synonym of *S. tarsalis*; N. SYN.: HENDRICH & WATTS 2004:92.
- Page 190: *Tiporus collaris*: change original description to HOPE, 1841:48.
- Page 204: *Herophydrus musicus* synonym *Coelambus interruptus*: change reference for N. SYN. to JACOBSON 1907:419. [Note: spelling changed from JAKOBSON to JACOBSON as preferred by author himself.]
- Page 206: *Hygrotus fresnedai*: N. COMB.: change year of RIBERA et al. to 1999, also in reference list.
- Page 207: *Hygrotus lagari* and *Hygrotus lernaeus*: N. COMB.: change year of RIBERA et al. to 1999, also in reference list.
- Page 207: *Hygrotus lernaeus* synonym *Coelambus orthogrammus*: change status to species; TL: Iran; Holotype; DESCR.: FERY et al. 2005:36; N. COMB.: FERY et al. 2005:36.
- Page 208: *Hygrotus pallidulus*: N. COMB.: change year of RIBERA et al. to 1999, also in reference list.
- Page 208: *Hygrotus parallelogrammus* synonym *Hyphydrus consobrinus*: change reference for N. SYN. to STURM 1843:42.
- Page 209: *Hygrotus thapsinus*: transfer to genus *Paroster*; N. COMB.: FERY 2004b:169; change type locality to Australia >WA >Eastern Kimberley plateau >upper Ord River; Holotype; change reference for DESCR. to FERY 2004b:169; change distribution to AU.
- Page 223: *Hyphydrus elegans* synonym *Hydroporus bifasciatus*: change name of author to W.J.MACLEAY.
- Page 223: *Hyphydrus lyratus lyratus* synonym *Hydroporus fossulipennis*: change name of author to W.J.MACLEAY.
- Page 233: Genus *Derovatellus*: change reference for DESCR. to K.B.MILLER 2005c:430.

- Pages 233 and 234: Subgenera *Derovatellus* and *Varodetellus*: omit subgenus *Derovatellus*, and change status of subgenus *Varodetellus* to junior synonym of genus *Derovatellus*; N. SYN.: K.B.MILLER 2005c:431; re-sort all species belonging to these under genus *Derovatellus*; vide K.B.MILLER 2005c:431.
- Page 233: *Derovatellus ibarraei*: change status to junior synonym of *D. floridanus*; N. SYN.: K.B.MILLER 2005c:445.
- Page 234: *Derovatellus lentus*: change reference for DESCR. to K.B.MILLER 2005c:448.
- Page 234: *Derovatellus lentus* subspecies *floridanus*: change status to species; change reference for DESCR. to K.B.MILLER 2005c:445.
- Page 234: *Derovatellus orientalis*: change reference for DESCR. to K.B.MILLER 2005c:436.
- Page 234: *Derovatellus peruanus*: change reference for DESCR. to K.B.MILLER 2005c:447.
- Page 235: *Macrovatellus*: change status to junior synonym of *Vatellus* and re-sort all species belonging to *Macrovatellus* under genus *Vatellus*; N. SYN.: K.B.MILLER 2005c:451.
- Page 235: *Macrovatellus* synonym *Platydessus*: change status to junior synonym of *Vatellus*; N. SYN.: K.B.MILLER 2005c:451.
- Page 235: *Macrovatellus bifenestratus*: add LT: K.B.MILLER 2005c:490; change reference for DESCR. to K.B.MILLER 2005c:490; N. COMB.: K.B.MILLER 2005c:490.
- Page 235: *Macrovatellus deplanatus*: change status to junior synonym of *Vatellus lateralis*; N. SYN.: K.B.MILLER 2005c:510.
- Page 235: *Macrovatellus grandis*: add LT: K.B.MILLER 2005c:487; change reference for DESCR. to K.B.MILLER 2005c:487.
- Page 235: *Macrovatellus haagi*: add LT: K.B.MILLER 2005c:470; change reference for DESCR. to K.B.MILLER 2005c:470.
- Page 235: *Macrovatellus lateralis*: add LT: K.B.MILLER 2005c:466; change reference for DESCR. to K.B.MILLER 2005c:466; N. COMB.: K.B.MILLER 2005c:466.
- Page 235: *Macrovatellus marginalis*: add LT: K.B.MILLER 2005c:466; change status to junior synonym of *Vatellus lateralis*; N. SYN.: K.B.MILLER 2005c:466.
- Page 235: *Macrovatellus mexicanus*: change reference for DESCR. to K.B.MILLER 2005c:459; N. COMB.: K.B.MILLER 2005c:459.
- Page 235: *Macrovatellus perforatus*: change reference for DESCR. to K.B.MILLER 2005c:475; N. COMB.: K.B.MILLER 2005c:475.
- Page 235: *Macrovatellus rudis*: add LT: K.B.MILLER 2005c:466; change status to junior synonym of *Vatellus lateralis*; N. SYN.: K.B.MILLER 2005c:466.
- Page 235: *Macrovatellus sahlbergi*: add LT: K.B.MILLER 2005c:454; change reference for DESCR. to K.B.MILLER 2005c:454; N. COMB.: K.B.MILLER 2005c:454.
- Page 235: *Macrovatellus ventralis*: change reference for DESCR. to K.B.MILLER 2005c:452; N. COMB.: K.B.MILLER 2005c:452.
- Page 235: *Mesovatellus*: change status to junior synonym of *Derovatellus*; N. SYN.: K.B.MILLER 2005c:431.
- Page 235: *Mesovatellus bruchi*: transfer to genus *Derovatellus*; change reference for DESCR. to K.B.MILLER 2005c:432.

- Page 236: *Vatellus tarsatus*: add LT: K.B.MILLER 2005c:479; change reference for DESCR. to K.B.MILLER 2005c:479.
- Page 264: *Agabus charon*, *A. florissantensis* and *A. rathbuni*: change age to Oligocene.
- Page 265: *Acilius florissantensis*: change age to Oligocene.
- Page 266: *Miodytiscus hirtipes* and Bidessini genus unknown *laminarum*: change age to Oligocene.
- Page 267: *Hydroporus sedimentorum*: transfer to Hydroporini genus unknown; change age to Oligocene.
- Page 268: *Hygrotus miocenus*: change age to Oligocene.
- Page 269: *Glessaria rostrata*: transfer to Vatellini genus *Derovatellus*; N. COMB.: KLAUSNITZER 2003:104.
- Page 269: *Cretodytes latipes*: change type locality to: Kazakhstan >S part >Kzyl-Ordinskaya province >Chiiliyskiy district >Kzyl-Dzhar.
- Page 270: *Acilius dispar*: change binomen to *Dytiscus dispar*.
- Page 270: *Colymbetes austriacus*: change binomen to *Colymbetes chalconatus* var. *austriacus*.
- Page 273: *Colymbetes splendens*: N. SYN.: change year of DEJEAN to 1836.
- Page 276: *Hydaticus flavicollis* DEJEAN: change binomen, author and year to *Dytiscus flavicollis* VILLA & VILLA, 1833:7.
- Page 276: *Hydaticus irroratus*: change binomen to *Dytiscus irroratus*.
- Page 279: *Hydroporus ragusensis*: change author to VILLA & VILLA 1833:7.
- Page 280: *Hyphydrus fischeri*: change author to STURM 1843:43; nomen nudum.
- Page 284: *Hydroporus neptuni*: change age to Creta.
- Page 286: add ANDREJEVA & PETROV 2004 from present reference list.
- Page 289: add BALKE & RIBERA 2004 from present reference list.
- Page 289: add BENETTI & RÉGIL 2004 from present reference list.
- Page 295 (see also CA2 page 164): change reference to DEJEAN 1837 to 1836 as in reference list below.
- Page 298: add FERY 2004a from present reference list.
- Page 298: add FERY 2004b from present reference list.
- Page 299: add GALEWSKI 1971 from present reference list.
- Page 300: change reference to GISTEL 1856 to 1856a as in reference list below; change abbreviations of first names in GISTEL 1857 according to GISTEL 1856a.
- Page 300: add GISTEL 1856b from present reference list.
- Page 307: add HENDRICH, BALKE & YANG 2004 from present reference list.
- Page 308: add HOPE 1841 from present reference list.
- Page 313: MACLEAY W.S. 1825: change name of author to MACLEAY W.S.
- Page 313: MACLEAY W.S. 1871: change name of author to MACLEAY W.J.



- CA1 page 71: *Nirridessus challaensis*, *N. fridaywellensis*, *N. masonensis*, *N. pinnaclesensis* and *Tjirtudessus raesidensis*: transfer to genus *Limbodessus*; N. COMB.: BALKE & RIBERA 2004:125.
- CA1 page 72: *Hydroporus petrefactus*: change age to Jura.
- CA2 page 160: *Eretes griseus*: change distribution to AF AU OR PL; distribution of *E. sticticus* is AF NA NT PL.
- CA2 page 160: *Nirridessus*: change status to junior synonym of *Limbodessus*; N. SYN.: BALKE & RIBERA 2004:124.
- CA2 page 161: *Nebrioporus martinii*: transfer to subgenus *Nebrioporus* s.str.: add GROUP *depressus*.
- CA2 page 163: *Laccophilus immitis*: re-change year of GUIGNOT to 1952.
- CA2 page 167: *Copelatus bagus*, *C. kainantuensis*, *C. madangensis* and *C. shizong*: transfer to genus *Papuadytes* vide BALKE et al. 2004a:876; N. COMB.
- CA2 page 168-169: *Tjirtudessus bialveus*, *T. cunyuensis*, *T. jundeeensis*, *T. karalundiensis*, *T. macrotarsus*, *T. silus*, *T. sweetwatersensis*, *T. wilunaensis* and *T. yuinmeryensis*: transfer to genus *Limbodessus*; N. COMB.: BALKE & RIBERA 2004:125.
- CA2 page 170: *Nirripiriti scaphites*: change species name to *skaphites*.

### Additions

- Page 34: *Agabus mimmi* var. *rufinus* MARSEUL, 1882:28; TL: [not given]; Syntypes; N. SYN. [synonym of *Ilybius opacus*].
- Page 39: GROUP *maculatus*: *Platambus phufahensis* BRANCUCCI, 2004a:82; TL: Laos >Phongsaly province >Phongsaly >Phufah; Holotype.
- Page 49: *Rhantus colymbetoides* GSCHWENDTNER, 1934:94 as unjustified emendation of *colymbitoides*; TL: Zaire >Katanga >Kakyelo; Holotype; objective synonym of *Rhantus colymbitoides*.
- Page 54: Genus *Agaporomorphus*: add GROUP *dolichodactylus* NT (with *A. dolichodactylus*, *A. grandisignatus*, *A. mecolobus*), GROUP *knischi* NT (with *A. knischi*, *A. silvaticus*, *A. tambopatensis*), GROUP *pereirai* NT (with *A. pereirai*); vide K.B.MILLER 2005a:57.
- Page 54: *Agaporomorphus silvaticus* K.B.MILLER, 2005a:56; TL: Peru >Madre de Dios >Tambopata Reserve >Posadas Amazonas; Holotype.
- Page 54: *Agaporomorphus tambopatensis* K.B.MILLER, 2005a:52; TL: Peru >Madre de Dios >Tambopata Reserve >Posadas Amazonas; Holotype.
- Page 61: *Copelatus louayensis* BILARDO & ROCCHI, 2004:289; TL: Gabon >Mékambo >Malouma >Louayé River; Holotype.
- Page 61: *Copelatus mvoungensis* BILARDO & ROCCHI, 2004:289; TL: Gabon >Ovan >Mvoung River; Holotype.
- Page 76: *Copelatus (Papuadytes) abditus* BALKE, WATTS, COOPER, HUMPHREYS & VOGLER, 2004:62; TL: Australia >NT >Newhaven Station >Camel Bore; Holotype. Additionally, transfer to genus *Papuadytes* vide BALKE et al. 2004a:876; N. COMB.
- Page 76: *Papuadytes atowaso* SHAVERDO, SAGATA & BALKE, 2005:275; TL: Papua New Guinea >Madang province >Bundi; Holotype.

- Page 77: *Papuadytes hintelmannae* SHAVERDO, SAGATA & BALKE, 2005:272; TL: Papua New Guinea >border Simbu – Eastern Highlands provinces >Crater Mountain >between Wara Sera station and Herowana village >Hulene River; Holotype.
- Page 77: *Papuadytes marinae* SHAVERDO, SAGATA & BALKE, 2005:270; TL: Papua New Guinea >Sandaun province >trail from Telefomin to Eliptamin; Holotype.
- Page 77: *Papuadytes munaso* SHAVERDO, SAGATA & BALKE, 2005:276; TL: Papua New Guinea >Eastern Highlands province >Crater Mountain >Wara Sera station; Holotype.
- Page 77: *Papuadytes vladimiri* SHAVERDO, SAGATA & BALKE, 2005:277; TL: Indonesia >Western Neu Guinea >Yapen island >Mantembu; Holotype.
- Page 77: GROUP *fulvescens*: *Lacconectus balkei* BRANCUCCI & HENDRICH, 2005:267; TL: West Malaysia >Perek province >Cameron Highlands >Tanah Rata; Holotype.
- Page 77: GROUP *fulvescens*: *Lacconectus baolocensis* BRANCUCCI, 2004b:178; TL: Vietnam >14 km SW Bao Loc; Holotype.
- Page 78: GROUP *fulvescens*: *Lacconectus kelantanensis* BRANCUCCI & HENDRICH, 2005:268; TL: West Malaysia >Kelantan province >Gerik; Holotype.
- Page 78: GROUP *fulvescens*: *Lacconectus khaosokensis* BRANCUCCI & GUSICH, 2004:110; TL: Thailand >Khao Sok rain forest >38 km E Takua Pa; Holotype.
- Page 79: GROUP *fulvescens*: *Lacconectus schawalleri* BRANCUCCI & GUSICH, 2004:107; TL: Thailand >Doi Phu Kha NP >50 km NE Nan; Holotype.
- Page 79: GROUP *fulvescens*: *Lacconectus shaverdoae* BRANCUCCI 2005:254; TL: Myanmar >Shan State >NE Mintaingbin Forest Camp; Holotype.
- Page 79: GROUP *fulvescens*: *Lacconectus stastnyi* BRANCUCCI & HENDRICH, 2005:271; TL: Malaysia >Borneo >Sarawak >Bario >Pa Umor; Holotype.
- Page 79: GROUP *fulvescens*: *Lacconectus valeriae* BRANCUCCI, 2004b:176; TL: Vietnam >14 km SW Bao Loc; Holotype.
- Page 79: GROUP *pulcher*: *Lacconectus heubergeri* BRANCUCCI & HENDRICH, 2005:275; TL: Malaysia >Sarawak >Kubah NP >Gunung Serapu; Holotype.
- Page 79: GROUP *pulcher*: *Lacconectus rutilans* BRANCUCCI & HENDRICH, 2005:276; TL: Malaysia >Sarawak >Kuching >Bako; Holotype.
- Page 101: *Hydaticus dintelmanni* BALKE, HENDRICH, SAGATA & WEWALKA, 2005:1252; TL: Papua New Guinea >Eastern Highlands province >Kainantu >Onerunka; Holotype.
- Page 125: *Hydroglyphus socotraensis* WEWALKA, 2004:466; TL: Yemen >Socotra Island >Darhu; Holotype.
- Page 128: *Limbodessus capeensis* WATTS & LEYS, 2005:5; TL: Australia >Queensland >Cape York >McIlwraith Rng Weather Station; Holotype.
- Page 128: *Tjirtudessus hillviewensis* WATTS & HUMPHREYS, 2004:105; TL: Australia >WA >Hillview Station >Camel Well bore; Holotype; transfer to genus *Limbodessus*; N. COMB: WATTS & HUMPHREYS 2006:123.
- Page 128: *Tjirtudessus microocula* WATTS & HUMPHREYS, 2004:106; TL: Australia >WA >Bunnawarra Station >bore nr shearing head; Holotype; transfer to genus *Limbodessus*; N. COMB: WATTS & HUMPHREYS 2006:123.

- Page 128: *Boonguruus occidentalis* WATTS & HUMPHREYS, 2004:103; TL: Australia >WA >10 km NW Eerala Station; Holotype; transfer to genus *Limbodessus*; N. COMB: WATTS & HUMPHREYS 2006:123.
- Page 128: *Tjirtudessus padburyensis* WATTS & HUMPHREYS, 2004:109; TL: Australia >WA >Mt Padbury Station >Irrigation Well >site 412; Holotype; transfer to genus *Limbodessus*; N. COMB: WATTS & HUMPHREYS 2006:123.
- Page 128: *Tjirtudessus wogarthaensis* WATTS & HUMPHREYS, 2004:109; TL: Australia >WA >Moorarie Station >Wogartha Well; Holotype; transfer to genus *Limbodessus*; N. COMB: WATTS & HUMPHREYS 2006:123.
- Page 141: GROUP *bicarinata*: *Yola wraniki* WEWALKA, 2004:468; TL: Yemen >Socotra Island >Farmihin; Holotype.
- Page 146: *Canthyporus simulator* synonym: *Canthyporus simulator* GUIGNOT, 1959a:418 as unjustified emendation; TL: RSA >W Cape province >Cape of Good Hope; Syntypes; objective synonym of *Canthyporus simulator*.
- Page 148: *Deronectes latus* synonym: *Hydroporus latus* CURTIS, 1831:343; TL: GB >England >Glanville's Wootton, Yorkshire, Hebden Bridge; Syntypes; N. SYN.: ZIMMERMANN 1920:119.
- Page 151: *Graptodytes bilineatus* synonym: *Graptodytes bilineatus* var. *dalmatinus* ZIMMERMANN, 1932:81; TL: Dalmatia; Syntypes.
- Page 156: *Hydroporus brevis*: as this name was described twice by R.F.SAHLBERG, the following junior synonym and homonym has to be added: *Hydroporus brevis* R.F.SAHLBERG, 1834b:270; TL: Finland >Öfver-Torneå; Syntypes; preoccupied by R.F.SAHLBERG 1834a; objective synonym of *Hydroporus brevis*.
- Page 157: *Hydroporus planus* synonym: *Hydroporus planus* var. *flavipes* DALLA TORRE, 1879:40; TL: Austria; Syntypes.
- Page 159: GROUP *longulus*: *Hydroporus sardomontanus* PEDERZANI, ROCCHI & SCHIZZEROTTO, 2004:129; TL: Italy >Sardinia >Mount Limbara >Vallicciola; Holotype.
- Page 162: *Hydroporus pseudoniger* nom. nov., replacement name for *Hydroporus ruficeps* AUBÉ, 1838, preoccupied by NICOLAI, 1822 [cf. addition to page 164 below].
- Page 163: GROUP *nigrita*: *Hydroporus sabaudus sierranevadensis* SHAVERDO, 2004:243; TL: Spain >Sierra Nevada >Barranco San Joan; Holotype.
- Page 163: *Hydroporus melaenus* NICOLAI, 1822:34, by indication to *Hyphydrus melanocephalus* var. c GYLLENHAL, 1808b:537; TL: Germany >Halle; Syntypes; junior synonym of *Hydroporus nigrita*; N. SYN.: SCHAUM 1868:65.
- Page 164: *Hydroporus ruficeps* NICOLAI, 1822:33, by indication to *Hyphydrus erythrocephalus* var. b GYLLENHAL, 1808b:533; TL: Germany >Halle; Syntypes; junior synonym of *H. rufifrons*; N. SYN.
- Page 165: *Hydroporus sibiricus* SHARP, 1882:466; TL: Russia >Siberia >Irkutsk >Jenisei 69° – 70°30'; Syntypes; N. SYN. [junior synonym and homonym of *Hydroporus sibiricus* J.SAHLBERG, 1880, cf. SHARP (1882:974)].
- Page 165: GROUP *striola*: *Hydroporus ampliatus colchicus* BILYASHIVSKI, 2004:47; TL: Georgia >Khobskiy district >Kolkhidskiy reserve; Holotype.
- Page 165: GROUP *striola*: *Hydroporus georgicus* BILYASHIVSKI, 2004:44; TL: Georgia >Gori province >Bakuriani; Holotype.

- Page 166: GROUP *striola*: *Hydroporus talyschensis* BILYASHIVSKI, 2004:45; TL: Azerbaijan >Lenkoran district >Dakhtaledshar; Holotype.
- Page 171: *Deronectes depressus intermedius* FRANCK, 1935:239; TL: Ireland, Scotland, N England, Germany >S Holstein, Hamburg, Brandenburg; Syntypes; N. SYN.: BURMEISTER 1939:231 [junior synonym of *Nebrioporus depressus* (or *elegans*)].
- Page 178: *Nirripiriti arachnoides* WATTS & HUMPHREYS, 2004:112; TL: Australia >WA >Byro Station >Yalcallia Well; Holotype.
- Page 178: *Nirripiriti bulbosus* WATTS & HUMPHREYS, 2004:113; TL: Australia >WA >Moorarie Station >bore nr calcrete quarry >site 419; Holotype.
- Page 178: *Nirripiriti byroensis* WATTS & HUMPHREYS, 2004:115; TL: Australia >WA >Byro Station >Yalcallia Well; Holotype.
- Page 178: *Nirripiriti copidotibiae* WATTS & HUMPHREYS, 2004:115; TL: Australia >WA >Innouendy Station >mineral expl. bore >site 431; Holotype.
- Page 178: *Nirripiriti dingbatensis* WATTS & HUMPHREYS, 2004:118; TL: Australia >WA >Innouendy Station >Dingbat Well; Holotype.
- Page 178: *Nirripiriti eurypleuron* WATTS & HUMPHREYS, 2004:119; TL: Australia >WA >Moorarie Station >Wogartha Well; Holotype.
- Page 178: *Nirripiriti innouendyensis* WATTS & HUMPHREYS, 2004:121; TL: Australia >WA >Innouendy Station >mineral expl. bore >site 431; Holotype.
- Page 178: *Nirripiriti verrucosus* WATTS & HUMPHREYS, 2004:121; TL: Australia >WA >Moorarie Station >Wogartha Well; Holotype.
- Page 185: *Sternopriscus alligatorensis* HENDRICH & WATTS, 2004:78; TL: Australia >NT >Kakadu NP >South Alligator River; Holotype.
- Page 185: *Sternopriscus alpinus* HENDRICH & WATTS, 2004:100; TL: Australia >Tasmania >Lake St. Clair; Holotype.
- Page 185: *Sternopriscus aquilonaris* HENDRICH & WATTS, 2004:80; TL: Australia >NT >Mount Borradaile; Holotype.
- Page 185: *Sternopriscus balkei* HENDRICH & WATTS, 2004:82; TL: Australia >NT >Mount Borradaile; Holotype.
- Page 185: *Sternopriscus barbarae* HENDRICH & WATTS, 2004:95; TL: Australia >Tasmania >12 k SW Mawbanna >Black River; Holotype.
- Page 185: *Sternopriscus goldbergi* HENDRICH & WATTS, 2004:85; TL: Australia >NT >Kakadu NP >Jim Jim Creek; Holotype.
- Page 185: *Sternopriscus mouchampsi* HENDRICH & WATTS, 2004:88; TL: Australia >Victoria >Orbost; Holotype.
- Page 185: *Sternopriscus pilbaraensis* HENDRICH & WATTS, 2004:89; TL: Australia >WA >Pilbara >Dawson Creek; Holotype.
- Page 185: *Sternopriscus storeyi* HENDRICH & WATTS, 2004:108; TL: Australia >SWA >Manjimup >Byenup Lagoon; Holotype.
- Page 185: *Sternopriscus wallumphilia* HENDRICH & WATTS, 2004:90; TL: Australia >Queensland >Glasshouse Mts.; Holotype.

- Page 185: *Sternopriscus weckwerthi* HENDRICH & WATTS, 2004:94; TL: Australia >Tasmania >Frodshams Pass; Holotype.
- Page 185: *Sternopriscus weiri* HENDRICH & WATTS, 2004:91; TL: Australia >Tasmania >Pioneer; Holotype.
- Page 205: *Hygrotus (Coelambus) ahmeti* HÁJEK, FERY & ERMAN, 2005:262; TL: Turkey >Erzurum province >1 km S Ilca; Holotype.
- Page 206: *Hygrotus (Coelambus) curvilobus* FERY, SADEGHI & HOSSEINIE, 2005:31; TL: Iran >Fars >Zarghan; Holotype.
- Page 209: *Hygrotus (Coelambus) stefanschoedli* FERY, SADEGHI & HOSSEINIE, 2005:34; TL: Iran >Markazi >between Khomeyn and Arak; Holotype.
- Page 214: *Anginopachria prudeki* WEWALKA, BALKE, HÁJEK & HENDRICH, 2005:46; TL: Thailand >Nan province; Holotype.
- Page 214: *Anginopachria schoedli* WEWALKA, BALKE, HÁJEK & HENDRICH, 2005:50; TL: Malaysia >Johor province; Holotype.
- Page 215: GROUP *convexa*: *Desmopachria pilosa* K.B.MILLER, 2005b:40; TL: Peru >Madre de Dios >Tambopata Reserve >Explorer's Inn - jnct. Rio Tower; Holotype.
- Page 216: GROUP *nitida*: *Desmopachria annae* K.B.MILLER, 2005b:43; TL: Peru >Madre de Dios >Tambopata Reserve >Explorer's Inn - jnct. Rio Tower; Holotype.
- Page 216: GROUP *nitida*: *Desmopachria balionota* K.B.MILLER, 2005b:42; TL: Peru >Madre de Dios >Tambopata Reserve >Explorer's Inn - jnct. Rio Tower; Holotype.
- Page 219: GROUP unknown: *Desmopachria tambopatensis* K.B.MILLER, 2005b:45; TL: Peru >Madre de Dios >Tambopata Reserve >Explorer's Inn - jnct. Rio Tower; Holotype.
- Page 234: *Derovatellus roosevelti* K.B.MILLER, 2005c:444; TL: Ecuador >Los Rios >Bababoyo; Holotype.
- Page 234: *Derovatellus spangleri* K.B.MILLER, 2005c:439; TL: Brazil >Mato Grosso >Jacaré >Xingu NP; Holotype.
- Page 236: *Vatellus amae* K.B.MILLER, 2005c:496; TL: Brazil >Para >60 km S Altamira >Rio Xingu Camp; Holotype.
- Page 236: *Vatellus annae* K.B.MILLER, 2005c:482; TL: Brazil >Mato Grosso >Jacaré >Xingu NP; Holotype.
- Page 236: *Vatellus drymetes* K.B.MILLER, 2005c:494; TL: Peru >Madre de Dios >Rio Tambopata Reserve >30 air km SW Pto. Maldonado; Holotype.
- Page 236: *Vatellus maculosus* K.B.MILLER, 2005c:463; TL: Venezuela >Guarico >15 km S Calabozo >Lago de los Patos; Holotype.
- Page 236: *Vatellus pilacaudus* K.B.MILLER, 2005c:484; TL: Bolivia >Beni >40 km E San Borja >El Porvenir ranch; Holotype.
- Page 236: *Vatellus wheeleri* K.B.MILLER, 2005c:473; TL: Argentina >Chaco >Barranqueras; Holotype.
- Page 241: *Laccophilus boukali* HÁJEK & ŠŤASTNÝ, 2005:52; TL: India >Karnataka >Coorg >near Kakkabe; Holotype.
- Page 247: *Laccophilus newtoni palawanensis* HENDRICH & BRANCUCCI 2005: 1244; TL: Philippines >Central Palawan >Cabayugan River; Holotype.

- Page 249: *Laccophilus pulcher* BILARDO & ROCCHI, 2004:286; TL: Gabon >Mékambo >Malouma >Louayé River; Holotype.
- Page 252: *Laccophilus unclatan* HÁJEK & ŠŤASTNÝ 2005:53; TL: Malaysia >Sabah >Kinabatangan river; Holotype.
- Page 256: *Neptosternus tridens* SHARP, 1882: pl. X/120; TL: [not given]; Holotype; junior synonym of *N. ornatus*; N. SYN.: BRANDEN 1885:25.
- Page 269: *Palaeodytes incompleta* PONOMARENKO, CORAM & JARZEMBOWSKI, 2005:280 (Creta); TL: GB >England >Dorset >Swanage >Durlston Bay; Holotype.
- Page 270: *Agabus congener* var. **fuscus** DALLA TORRE, 1879:42; TL: [not given]; nomen nudum.
- Page 270: *Agabus bisignatus* ZAITZEV, 1908b:CLX; TL: Ukraine >Kiev province; nomen nudum.
- Page 270: *Agabus glabricollis* ZAITZEV, 1908b:CLX; TL: Ukraine >Kiev province; nomen nudum.
- Page 270: *Agabus laevidorsus* LECONTE, 1866:17; TL: North America; nomen nudum.
- Page 271: *Agabus brachynotus* LECONTE, 1866:17; TL: North America; nomen nudum.
- Page 271: *Agabus paludosus* var. **testaceus** GISTEL, 1856a:354; TL: Germany >Bavaria; nomen nudum.
- Page 271: *Agabus uliginosus* forma **oreophilus** QUENEY, 2002:157; TL: France >Pyrénées-Orientales >La Llagonne; infrasubspecific.
- Page 271: *Coelambus nigrovittatus* STANGE, 1903:7; TL: Russia >Lake Indersk; nomen nudum; N. SYN.: KOLOSSOV 1931:116 (= *Hygrotus nigrolineatus*).
- Page 273: *Colymbetes rivalis* GRIMMER, 1846:10; TL: Austria >Steiermark; nomen nudum.
- Page 274: *Copelatus utowaensis* RIBERA, HOGAN & VOGLER, 2002:46; TL: New Guinea; nomen nudum.
- Page 275: *Dytiscus dispar* VILLA & VILLA, 1833:7; TL: Europe; nomen nudum; given as synonym of *Dytiscus roeselii*.
- Page 275: *Dytiscus lineatus* VILLA & VILLA, 1833:7; TL: [not given]; nomen nudum; given as synonym (= *Hydaticus grammicus*).
- Page 277: *Hydatoporus alpinus* var. **duftschmidii** GISTEL, 1856a:355; TL: Germany >Bavaria; nomen nudum.
- Page 277: *Hydatoporus piceipes* GISTEL, 1856a:355; TL: Germany >Bavaria; nomen nudum.
- Page 277: *Hydatoporus pustulatus* GISTEL, 1856a:355; TL: Germany >Bavaria; nomen nudum.
- Page 277: *Hydroporus aberrans* VILLA & VILLA, 1835:39; TL: Europe >Italy; nomen nudum.
- Page 277: *Hydroporus anbista* VILLA & VILLA, 1835:39; TL: Europe >Italy; nomen nudum.
- Page 277: *Hydroporus bipustulatus* GEBLER, 1829:68; TL: Russia >Barnaul; nomen nudum.
- Page 277: *Hydroporus clubista* VILLA & VILLA, 1838:53; TL: Europe >Italy; nomen nudum; given as synonym of *Hydroporus anbista*.
- Page 277: *Hydroporus couretae* GARRIDO & REGIL, 1989:307; TL: Spain >N part; nomen nudum.

- Page 278: *Hydroporus hygrobioides* VILLA & VILLA, 1835:39; TL: Europe >Italy; nomen nudum.
- Page 278: *Hydroporus hygrobioides* var. *maculosus* VILLA & VILLA, 1835:39; TL: Europe >Italy; nomen nudum.
- Page 278: *Hydroporus imperialis* VILLA & VILLA, 1835:39; TL: Europe >Italy; nomen nudum.
- Page 278: *Hydroporus granularis* var. *fenestratus* GERHARDT, 1909:2; TL: Poland >Schlesien >Liegnitz >Bruch; nomen nudum; junior synonym of *Graptodytes granularis*; N. SYN.: GALEWSKI 1976:48.
- Page 278: *Hydroporus marginalis* GISTEL, 1856a:23; TL: Germany >Bavaria >Algäuer Alpen; nomen nudum.
- Page 279: *Hydroporus nigritarsis* J.SAHLBERG, 1880:48; TL: Russia >Siberia >Selenkina etc.; nomen nudum; given as synonym of *Hydroporus bilineatus* (= *Graptodytes bilineatus*)
- Page 279: *Hydroporus planus* v. *nigrocephalus* HEYDEN, 1883:30; TL: Germania; nomen nudum.
- Page 280: *Hydroporus sexlunatus* VILLA & VILLA, 1844:24; TL: Italy >Lombardia; nomen nudum; given as synonym of *Bidessus minutissimus*.
- Page 280: *Hydroporus stragula* VILLA & VILLA, 1833:7; TL: Europe; nomen nudum; given as synonym of *Hydroporus lineellus* and *H. alternans* (= *Hygrotus parallellogrammus*).
- Page 280: *Hydroporus variegatus* MOTSCHULSKY, 1853:4; TL: Armenia; preoccupied by GEOFFROY 1785; nomen nudum (= *Nebrioporus suavis*).
- Page 281: *Laccophilus truncatus* MOTSCHULSKY, 1853:9; TL: USA >Alaska >Unalaska; nomen nudum (= *Laccophilus maculosus decipiens*).
- Page 281: *Laccophilus tibetanus* ZENG, 1989:4; TL: China >Tibet; nomen nudum.
- Page 282: *Lancetes homoenyx* PESCHET, 1910:90; TL: America; nomen nudum.
- Page 282: *Nipponhydrus deumaculatus* ZENG, 1989:2; TL: China >Guizhou; nomen nudum.
- Page 282: *Platambus maculatus* ab. *immaculatus* DONISTHORPE, 1899:160; TL: GB >Scotland >Braemar, Loch Katrine; infrasubspecific.
- Page 282: *Thermonectus basillaris cervinus* CHALLET & BRETT, 1998:51; TL: US >California >S part; nomen nudum.
- Page 282: *Thermonectus basillaris insignis* CHALLET & BRETT, 1998:51; TL: US >California; nomen nudum.
- Page 282: *Thermonectus marmoratus californicus* CHALLET & BRETT, 1998:51; TL: US >California >S part; nomen nudum.
- Page 283: *Trochalus baxii* GENÉ, 1836:171; TL: [not given]; nomen nudum; given as synonym of *Cybister senegalensis*.

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### Appendix

This Appendix contains 28 selected works published after 1956 in which the name *Deronectes opatrinus* (GERMAR, 1821) has been used as valid name. Three further works are contained in the References above: GALEWSKI (1976), GARRIDO & RÉGIL (1989), and NILSSON (2001).

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