

13. Op verzoek van Dhr. J. GOSSERIES leest de secretaris de volgende mededeling.

Some new names in the Dolichopodidae (Diptera)

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Summary

Ten nomina nova are proposed as the objective replacement names for junior specific homonyms in the dipterous family Dolichopodidae. The name of one of these species is newly combined.

Résumé

Dix nomina nova sont proposés comme noms de remplacement objectifs pour des espèces de la famille de diptères Dolichopodidae. Un de ces noms est une combinaison nouvelle.

Introduction

Recently my attention was drawn on some junior homonyms. Most of them (8 out of the 10) are junior primary homonyms for which either the junior, the senior or both homonymous names were transferred to other genera than those they were described within. Although their homonymy is 'hidden', they stay junior primary homonyms, which are permanently invalid according to the Code, Art. 52 (b). Therefore, and also because none of these ten names has (valid) junior synonyms, I here propose ten new names to be used as the valid name of these ten species concerned.

All the original references of the cited names have been seen. The classification adopted is that of NEGROBOV (1986), systematic arrangement and synonymy of the species is that of the most recent catalogues (see Literature) of the region involved.

1. *Dolichopus negrobovi* nom. n. (Dolichopodinae: Dolichopodini)

New name for *Dolichopus pallipes* NEGROBOV, 1973, *Acta zool. hung.* 19 (1-2): 140, figs 4, 12, 16 (described from Buryat Mongol'skaya ASSR), a junior primary homonym of *Dolichopus pallipes* MACQUART, 1827, *Recl. Soc. Sci. Agric. Arts Lille* 1826-1827: 276 (described from France and actually a junior subjective synonym of *Dolichopus nubilus* MEIGEN, 1824).

2. *Dolichopus orichalceus* nom. n.

New name for *Dolichopus vittatus* LOEW, 1869, *Progr. K. Realsch. Meseritz* 1861: 20 (described from Chicago), a junior primary homonym of *Dolichopus vittatus* WIEDE-

MANN, 1819, *Zool. Mag. (Wied.)* 1 (3): 4 (described from Java and actually in the genus *Chrysosoma* GUÉRIN-MÉNEVILLE, 1831, Sciapodinae).

3. *Tachytrechus adjaniae* nom. n. (Dolichopodinae: Tachytrechini)

New name for *Dolichopus bipunctatus* MACQUART, 1842, *Mém. Soc. Sci. Agric. Arts Lille* (1841) 1842 (1): 126, pl. XXII, fig. 2 (described from Chile and actually in the genus *Tachytrechus* HALIDAY, 1851), a junior primary homonym of *Dolichopus bipunctatus* LEHMANN, 1822, *Index schol. Hamb. Gymn. acad.* 1822-1823: 41 (described from Germany and actually in the genus *Hydrophorus* FALLÉN, 1823, Hydrophorinae: Hydrophorini).

4. *Argyra ilonae* nom. n. (Diaphorinae: Argyrini)

New name for *Dolichopus confinis* ZETTERSTEDT, 1849, *Dipt. scand. descr.* 8: 3090 (published after 12.VIII.1849 which is the date of the foreword; described from Sweden and actually in the genus *Argyra* MACQUART, 1834), a junior primary homonym of *Dolichopus confinis* WALKER, 1849, *List Specimens dipt. Insects Colln Br. Mus.* 3: 664 (published 30.VI.1849 according to SHERBORN, 1926, *Ann. Mag. nat. Hist.* (9) 17 (98): 272; described from Ontario).

5. *Argyra medusae* nom. n.

New name for *Dolichopus abdominalis* SAY, 1829, *J. Acad. nat. Sci. Philad.* (1829-1830) 6: 170 (described from Indiana and actually in the genus *Argyra* MACQUART, 1834), a junior primary homonym of *Dolichopus abdominalis* FALLÉN, 1823, *Dipt. svec.* 2: 21 (described from Sweden and actually in the genus *Neurigona* RONDANI, 1856, Neurigoninae).

6. *Chrysotus orichalceus* nom. n. (Diaphorinae: Diaphorini)

New name for *Chrysotus niger* ALDRICH, 1896, in WILLISTON, *Trans. ent. Soc. Lond.* 1896 (3): 327 (described from Antillean island St. Vincent), a junior primary homonym of *Chrysotus niger* LOEW, 1869, *Beschr. eur. Dipt.* 1: 298 (described from Hungary and actually in the genus *Acropsilus* MIK, 1878, Peloropeodinae).

7. *Medetera adjaniae* nom. n. (Medeterinae: Medeterini)

New name for *Medetera breviseta* PARENT, 1927, *Anns Soc. scient. Brux.* (Sér. B) 47 (1) (Mém.): 8 (described from Germany), a junior primary homonym of *Medetera breviseta* THOMSON, (1869) 1868, *K. svenska VetenskAdad., K. svenska Fregatte Eugénies resa omkring Jorden* 2 (Zool.) 1 (Ins.): 510 (described as *Medeterus* from California and actually in the genus *Hydrophorus* FALLÉN, 1823, Hydrophorinae: Hydrophorini).

8. *Medetera negrobovi* nom. n.

New name for *Medetera ruficornis* STROBL, 1898, *Glasn. zemalj. Mus. Bosni Herceg.* 10: 426 (described as *Medeterus* from Yugoslavia and removed from synonymy with *Medetera insignis* GIRSCHNER, 1888 by MORGE & NEGROBOV, 1981, *Beitr. Ent., Berlin* 31 (1): 15), a junior primary homonym of *Medetera ruficornis* HALIDAY, 1838, *Ann. nat. Hist.* (2) 2 (9): 184 (described as *Medeterus* from Gt Britain and actually in the genus *Thinophilus* WAHLBERG, 1844, Hydrophorinae: Thinophilini).

9. *Medetera vanschuytbroeckii* nom. n.

New name for *Medetera arnaudi* (NEGROBOV, VANSCHUYTBROECK & GRITCHANOV, 1981), *Bull. Inst. r. Sci. nat. Belg.* (Ent.) 53 (4): 3, 7, pl. III, fig. 21 (described from Zaire in the genus *Saccophoronta* BECKER, 1914 and here newly combined with the generic name *Medetera* FISCHER VON WALDHEIM, 1819, because of the synonymy between these two generic names; see BICKEL (1985)), a junior secondary homonym of *Medetera arnaudi* HARMSTON, 1951, *Gt Basin Nat.* 11 (1-2): 12 (described from California).

10. *Medetera walschaertsi* nom. n.

New name for *Medetera alpina* HARMSTON & KNOWLTON, 1941, *J. Kans. ent. Soc.* 14 (3): 95, fig. 5 (described as *Medeterus alpinus* from California), a junior primary homonym of *Medetera alpina* HALIDAY, 1833, *Ent. Mag., Lond.* 1 (2): 150, 151, 163 (described as *Medeterus alpinus* from Gt Britain and actually in the genus *Campsicnemus* HALIDAY, 1851, subgenus *Ectomus* MIK, 1878, Sympycninae: Campsicnemini).

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Literature

- BICKEL, D. J., 1985. - A revision of the Nearctic *Medetera* (Diptera: Dolichopodidae). *Tech. Bull. U. S. Dep. Agric.* 1692: i-v, 1-109, 164 figs, 22 maps.
 DYTE, C. E., 1975. - Family Dolichopodidae. in DELFINADO, M. D. & HARDY, D. E. (eds.), *Cat. Dipt. orient. Reg.* 2: 212-260.
 DYTE, C. E. & SMITH, K. G. V., 1980. - Family Dolichopodidae. in CROSSKEY, R. W. (ed.), *Cat. Dipt. afrotrop. Reg.*: 443-463.
 FOOTE, R. H., COULSON, J. R. & ROBINSON, H. E., 1965. - Family Dolichopodidae. in STONE, A. et al. (eds.), A catalog of the Diptera of America North of Mexico. *Agr. Handbook U. S. Dep. Agric.* 276: 482-531.

- NEGROBOV, O. P. & STACKELBERG, A. A., 1971-1977. - Unterfamilie Medeterinae. in LINDNER, E. (ed.), *Fliegen palaearkt. Reg.* (IV-5) 29: 225-346 (Lief. 284, 289, 302, 303, 316).
 NEGROBOV, O. P., 1977-1979. - Unterfamilie Hydrophorinae. in LINDNER, E. (ed.), *Fliegen palaearkt. Reg.* (IV-5) 29: 347-530 (Lief. 319, 321, 322).
 NEGROBOV, O. P., 1986. - On the system and phylogeny of flies of the family Dolichopodidae (Diptera). *Ent. Obozr.* 65 (1): 182-185 (in Russian).
 ROBINSON, H. E., 1970. - Family Dolichopodidae (Dolichopidae). in VANZOLINI, E. P. & PAPAVERO, N. (eds.), *Cat. Dipt. Am. south of the U. S.* 40: 1-92.
 ROBINSON, H. E., 1975. - Bredin-Archbold-Smithsonian biological survey of Dominica. The Family Dolichopodidae with some related Antillean and Panamanian Species (Diptera). *Smithson. Contr. Zool.* 185: i-iii, 1-141, 231 figs (published 10.IX.1975).
 STACKELBERG, A. A., 1930-1971. - Familie Dolichopodidae: Einleitung, Bestimmungstabelle der Subfamilien, I. Subfamilie: Dolichopodinae. in LINDNER, E. (ed.), *Fliegen palaearkt. Reg.* (IV-5) 29: 1-224 (Lief. 51, 71, 82, 138).

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