

New names in the family Dolichopodidae (Diptera)

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Abstract

New names are proposed for one dolichopodid genus and 26 species.

Key words: Nomenclature, Diptera, Dolichopodidae, new names

In describing the new genus *Haplopharynx* GROOTAERT & MEUFFELS, 1998, we were not aware of the fact that this name was already introduced in 1938 by MEIXNER in: *Turbellaria* (Strudelwürmer). I. Tierwelt Nord- und Ostsee, 4b (only figures, without description); a full description was given by KARLING, 1965 (*Haplopharynx rostratus* MEIXNER (*Turbellaria* mit den Nemertinen verglichen. Zeitschrift Zool. Syst. Evolutionforschung, 3, 1-2: 1-18). No mention of this name was ever made in the Zoological Record nor in the Nomenclator Zoologicus before 1977.

We now propose a new name for our genus, and, at the same time, we propose 26 new names for other preoccupied names of Dolichopodidae.

Junior primary homonyms

Haplopharynx GROOTAERT & MEUFFELS, 1998: *Studia dipterologica* (Halle a/Saale) 5 (2): 253
nec:

Haplopharynx MEIXNER, 1938: *Turbellaria* (Strudelwürmer) I. (Allgemeiner Teil): Die Tierwelt der Nord- und Ostsee (Lieferung 33, IVb): Fig. 35, p. 35.

- *New name proposed: Haplopharyngomyia* **nom. nov.** [Greek: haploûs = simple; pharynx = digestive tube; myia = fly]

Chrysotus annulatus VAN DUZEE, 1924: *Bulletin of the Buffalo Society of Natural Sciences* (Buffalo, N.Y.) 13(3): 27.*nec:*

Chrysotus annulatus MACQUART, 1842: *Mémoires de la Société royale des Sciences, de l'Agriculture et des Arts de Lille* (Lille) 1841 (1) [1842]: 171 (in separate: 111).

Actually *Diaphorus* (*Lyroneurus*) *annulatus* (MACQUART, 1842), see: ROBINSON, 1970: *A Catalogue of the Diptera of the Americas south of the United States* (Museu de Zoologia Universidade de São Paulo) 40: 35.

- *New name proposed: Chrysotus millardi* **nom. nov.** [after Millard Carr VAN DUZEE]

Chrysotus bicolor VANSCHUYTBROECK, 1951: *Institut des Parcs*

nationaux du Congo belge: Exploration du Parc National Albert, Mission F.F. de WITTE (1933-1935) (Bruxelles), Fascicule 74: 118.

nec:

Chrysotus bicolor MACQUART, 1827: *Insectes Diptères du nord de la France*. Vol. 3: *Platypézines, Dolichopodes, Empides, Hybotides* (Lille): 21.

An unrecognized species, see NEGROBOV, 1991: *Family Dolichopodidae*, in: A. SOÓS & L. PAPP (eds.), *Catalogue of Palaearctic Diptera* (Budapest) 7 (Dolichopodidae - Platypezidae): 137.

- *New name proposed: Chrysotus pauli* **nom. nov.** [after Paul VANSCHUYTBROECK].

Chrysotus magnicornis VAN DUZEE, 1924: *Bulletin of the Buffalo Society of Natural Sciences* (Buffalo, N.Y.) 13(3): 13.
nec:

Chrysotus magnicornis ZETTERSTEDT, 1843: *Diptera Scandinaviae disposita et descripta* (Lund) 2: 481.

An unrecognized species in the genus *Rhaphium* MEIGEN, 1803, see BECKER, 1918: *Nova Acta. Abhandlungen der Kaiserlichen Leopoldinisch-Carolinischen Deutschen Akademie der Naturforscher* (Halle a.d. Saale) 103(3): 221; NEGROBOV, 1991: *Family Dolichopodidae*, in: A. SOÓS & L. PAPP (eds.), *Catalogue of Palaearctic Diptera* (Budapest) 7 (Dolichopodidae - Platypezidae): 138.

- *New name proposed: Chrysotus megaloceras* **nom. nov.** [from Greek mégas, "large", and kérés, "horn", "antenna", a translation of the Latin name *magnicornis*].

Chrysotus nudus HARMSTON & KNOWLTON, 1963: *Journal of the Kansas Entomological Society* (MCPHERSON; Manhattan) 36(4): 233.

nec:

Chrysotus nudus BECKER, 1918: *Nova Acta. Abhandlungen der Kaiserlichen Leopoldinisch-Carolinischen Deutschen Akademie der Naturforscher* (Halle a.d. Saale) 104: 58.

- *New name proposed: Chrysotus harmstoni* **nom. nov.** [after Fred C. HARMSTON].

Dolichopus minutus (†) STATZ, 1940: *Palaeontographica* (A) 91: 136.

nec:

Dolichopus minutus FABRICIUS, 1805: *Systema antliatorum secundum ordines, genera, species adiectis synonymis, locis, observationibus* (Brunswick): 270.

An unrecognized species in the genus *Medetera* FISCHER von

WALDHEIM, 1819, see: KOWARZ, 1877: Verhandlungen der Kaiserlich-königlichen Zoologisch-botanischen Gesellschaft in Wien (Wien) 27 (Abhandlungen): 74; BECKER, 1917: Nova Acta. Abhandlungen der Kaiserlichen Leopoldinisch-Carolinischen Deutschen Akademie der Naturforscher (Halle a.d. Saale) 102: 343.

Synonymy stated by EVENHUIS, 1994: Catalogue of the fossil Flies of the World (Insecta: Diptera) (Leiden): 362; no new replacement name proposed.

- *New name proposed: Dolichopus georgi* nom. nov. [after Georg STATZ].

Dolichopus nigrilamellatus BECKER, 1917: Nova Acta. Abhandlungen der Kaiserlichen Leopoldinisch-Carolinischen Deutschen Akademie der Naturforscher (Halle a.d. Saale) 102: 149.

nec:

Dolichopus nigrilamellatus MACQUART, 1827: Insectes Diptères du nord de la France. Vol. 3: Platypézines, Dolichopodes, Empides, Hybotides (Lille): 60.

Actually *Hercostomus nigrilamellatus* (MACQUART, 1827).

- *New name proposed: Dolichopus theodori* nom. nov. [after Theodor BECKER].

Dolichopus nitens STANNIUS, 1831: Isis [Oken] (Jena; Leipzig) 1831: 48.

nec:

Dolichopus nitens FABRICIUS, 1805: Systema antliatorum secundum ordines, genera, species adiectis synonymis, locis, observationibus (Brunswick): 270.

An unrecognized species in subfamily *Sciapodinae*.

- *New name proposed: Dolichopus friedrichi* nom. nov. [after Friedrich Hermann STANNIUS].

Dolichopus soccatus (†) MEUNIER, 1899: Miscellanea Entomologica (Narbonne; Sète; Toulouse; Paris) 7: 179.

Actually *Diaphorus soccatus* (MEUNIER, 1899), see: EVENHUIS, 1994: Catalogue of the fossil Flies of the World (Insecta: Diptera) (Leiden): 361.

nec:

Dolichopus soccatus WALKER, 1849: List of the specimens of dipterous insects in the collection of the British Museum (London) 3: 666.

An unrecognized species, see: PARENT, 1934: Annals and Magazine of Natural History (London), Ser. 10, 13: 30.

- *New name proposed: Diaphorus fernandi* nom. nov. [after Fernand Anatole MEUNIER].

Pelastoneurus lineatus De Meijere, 1916: Tijdschrift voor Entomologie (Amsterdam) 59: 231.

nec:

Pelastoneurus lineatus ALDRICH, 1896: The Transactions of the Entomological Society of London (London) 1896: 312.

Actually *Sarcionus lineatus* (ALDRICH, 1896), see: Aldrich, 1901, in: GODMAN & SALVIN (eds.): Biologia Centrali-Americana, or, contribution to the knowledge of the fauna and flora of Mexico and Central America. Zoologia-Insecta-Diptera. (London) 1: 341.

- *New name proposed: Pelastoneurus johannis* nom. nov. [after Johannes Cornelis Hendrick de MEIJERE].

Psilopus albopilosus subspecies *inermis* De MEIJERE, 1913: Nova Guinea. Résultats de l'expédition scientifique néerlandaise à la Nouvelle-Guinée (Leiden) 9 (Zoologie) (3): 343.

Actually considered as a species: *Chrysosoma inerme* (De

MEIJERE, 1913), see: BICKEL & DYTE, 1989: Family Dolichopodidae, in: EVENHUIS (ed.): Catalog of the Diptera of the Australasian and Oceanian Regions (Leiden; Honolulu): 396.

nec:

Psilopus inermis LOEW, 1861: Programm der Koeniglichen Realschule zu Meseritz (Meseritz = Miedzyrzecz, Poland) 1861: 93.

Actually *Condylostylus inermis* (LOEW, 1861), see: Becker, 1922: Abhandlungen der Zoologisch-botanischen Gesellschaft in Wien (Wien) 13(1) [1921]: 357.

- *New name proposed: Chrysosoma anoplum* nom. nov. [Greek *ánoplos*, "unarmed", a translation of Latin *inermis*].

Sciapus amabilis (†) STATZ, 1940: Palaeontographica (A) 91: 139.

nec:

Sciapus amabilis PARENT, 1929: Annales de la Société scientifique de Bruxelles (Bruxelles), Série B (Sciences naturelles) 49: 239.

Synonymy stated by EVENHUIS, 1994: Catalogue of the fossil Flies of the World (Insecta: Diptera) (Leiden): 367; no new replacement name proposed.

- *New name proposed: Sciapus erasmus* nom. nov. [Greek *erásmios*, "lovely", a translation of Latin *amabilis*].

Sciapus villeneuvei PARENT, 1927: Comptes rendus du Congrès des Sociétés Savantes en 1926, Sciences (Paris): 475.

Actually *Amblypsilopus villeneuvei* (PARENT, 1927), see BICKEL, 1991: Records of the Australian Museum (Sydney), Supplement 21: 373.

nec:

Sciapus villeneuvei PARENT, 1922: Annales de la Société scientifique de Bruxelles (Bruxelles) 41 (Comptes rendus): 248.

Actually *Sciapus laetus* (MEIGEN, 1838) [*Psilopus*], see PARENT, 1925: Encyclopédie Entomologique, Série B II: Diptera (Paris) 1: 142.

Synonymy stated by NEGROBOV, 1991: Family Dolichopodidae, in: A. Soós & L. Papp (eds.), Catalogue of Palaearctic Diptera (Budapest) 7 (Dolichopodidae - Platypezidae): 18, and by Bickel, 1994: Records of the Australian Museum (Sydney), Supplement 21: 373; no new replacement name proposed.

- *New name proposed: Amblypsilopus josephi* nom. nov. [after Joseph VILLENEUVE de JANTI].

Sympycnus (Calyxochaetus) monticola Van DUZEE, 1932: American Museum Novitates. American Museum of Natural History (New York) 569: 20.

Actually *Calyxochaetus monticola* (Van DUZEE, 1932), see: COOTE, COULSON & ROBINSON, 1965: Family Dolichopodidae, in: STONE, SABROSKY, WIRTH, FOOTE & COULSON: A Catalog of the Diptera of America north of Mexico (Washington, D.C.): 528.

nec:

Sympycnus monticolus BECKER, 1919: Mission du Service Géographique de l'Armée, mesure d'un arc méridien équatorial en Amérique du Sud 10(2): 176.

- *New name proposed: Calyxochaetus millardi* nom. nov. [after Millard Carr VAN DUZEE].

Syntormon parvus VAILLANT, 1983: 108^e Congrès national des Sociétés savantes, Grenoble, 1983, sciences, 2: 274.

nec:

Syntormon parvus VANSCHUYTBROECK, 1951: Institut des Parcs nationaux du Congo belge: Exploration du Parc National Al-

bert, Mission F.F. de WITTE (1933-1935) (Bruxelles), Fascicule 74: 104

- *New name proposed: Syntormon francoisi* nom. nov. [after François Vaillant].

Tipula culiciformis (†) MEUNIER, 1899: *Miscellanea Entomologica* (Narbonne; Sète; Toulouse; Paris) 7: 174.

Actually *Palaeomedeterus culiciformis* (MEUNIER, 1899), see: EVENHUIS, 1994: *Catalogue of the fossil Flies of the World* (Insecta: Diptera) (Leiden): 366.

nec:

Tipula culiciformis LINNAEUS, 1758: *Systema naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis*. Editio decima, reformata. (Holmiae = Stockholm) 1: 978.

Actually *Procladius culiciformis* (Linnaeus, 1758).

Synonymy stated by EVENHUIS, 1994: *Catalogue of the fossil Flies of the World* (Insecta: Diptera) (Leiden): 366; no new replacement name proposed.

- *New name proposed: Palaeomedeterus meunieri* nom. nov. [after Fernand Anatole MEUNIER].

Junior secondary homonyms

Chrysotus disjunctus VAN DUZEE, 1924: *Bulletin of the Buffalo Society of Natural Sciences* (Buffalo, N.Y.) 13(3): 33. Actually *Diaphorus disjunctus* (Van DUZEE, 1924), see: ROBINSON, 1964: *Miscellaneous Publications of the Entomological Society of America* (Washington, D.C.) 4: 138.

nec:

Diaphorus disjunctus LOEW, 1857: *Programm der Koeniglichen Realschule zu Meseritz* (Meseritz = Miedzyrzecz, Poland) 1857: 46.

- *New name proposed: Diaphorus millardi* nom. nov. [after Millard Carr VAN DUZEE].

Chrysotus minimus ROBINSON, 1975: *Smithsonian Contributions to Zoology* (Washington, D.C.) 185: 82.

nec:

Diaphorus minimus MEIGEN, 1830: *Systematische Beschreibung der bekannten europäischen zweiflügeligen Insekten* (Hamm) 6: 360.

Actually synonym of *Chrysotus gramineus* (FALLÉN, 1823) [*Dolichopus*].

- *New name proposed: Chrysotus microtatus* nom. nov. [Greek *mikrótatos*, "least", a translation of Latin *minimus*].

Condylostylus ciliatus PARENT, 1929: *Annales de la Société scientifique de Bruxelles* (Bruxelles), Série B (Sciences naturelles) 49: 214.

nec:

Psilopus ciliatus LOEW, 1861: *Programm der Koeniglichen Realschule zu Meseritz* (Meseritz = Miedzyrzecz, Poland) 1861: 88.

Actually synonym of *Condylostylus mundus* (WIEDEMANN, 1830) [*Psilopus*], see: OSTEN SACKEN, 1878: *Smithsonian Miscellaneous Collections*. Smithsonian Institution, Washington, D.C. 16(2) (Smithsonian Publication 270): 116 [*Psilopus*], and BECKER, 1922: *Abhandlungen der Zoologisch-botanischen*

Gesellschaft in Wien (Wien) 13(1) [1921]: 319 [*Condylostylus*].

- *New name proposed: Condylostylus blepharotarsis* nom. nov. [from Greek *blepharis* and *társos*, "with ciliated tarsi"].

Dolichopus ungulatus (†) LOEW, 1850: *Programm der Koeniglichen Realschule zu Meseritz* (Meseritz = Miedzyrzecz, Poland) 1850: 42.

nec:

Musca ungulata LINNAEUS, 1758: *Systema naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis*. Editio decima, reformata. (Holmiae = Stockholm) 1: 598.

Actually *Dolichopus ungulatus* (LINNAEUS, 1758), see: SCHRANK, 1803: *Fauna boica. Durchgedachte Geschichte der in Baiern einheimischen und zahmen Tiere* (Landshut) 3(1): 123.

Synonymy stated by EVENHUIS, 1994: *Catalogue of the fossil Flies of the World* (Insecta: Diptera) (Leiden): 362; no new replacement name proposed.

- *New name proposed: Dolichopus palaeungulatus* nom. nov. [from Greek *palaiós*, "old"].

Hygroceleuthus minutus (†) MEUNIER, 1907: *Le Naturaliste* (Paris) (2) 29: 221.

Actually *Dolichopus minutus* (MEUNIER, 1907), see: Evenhuis, 1994: *Catalogue of the fossil Flies of the World* (Insecta: Diptera) (Leiden): 362.

nec:

Dolichopus minutus FABRICIUS, 1805: *Systema antliatorum secundum ordines, genera, species adiectis synonymis, locis, observationibus* (Brunswick): 270.

An unrecognized species in the genus *Medetera* FISCHER VON WALDHEIM, 1819, see: KOWARZ, 1877: *Verhandlungen der Kaiserlich-königlichen Zoologisch-botanischen Gesellschaft in Wien* (Wien) 27 (Abhandlungen): 74; BECKER, 1917: *Nova Acta. Abhandlungen der Kaiserlichen Leopoldinisch-Carolinischen Deutschen Akademie der Naturforscher* (Halle a.d. Saale) 102: 343.

Synonymy stated by EVENHUIS, 1994: *Catalogue of the fossil Flies of the World* (Insecta: Diptera) (Leiden): 362; no new replacement name proposed.

- *New name proposed: Dolichopus smicrus* nom. nov. [Greek: *smikrós*, "small"].

Kalocheta collarti PARENT, 1933: *Revue de Zoologie et de Botanique africaines* (Bruxelles) 24: 35. Actually *Chrysosoma (Kalocheta) collarti* (PARENT, 1933), see: BICKEL, 1994: *Records of the Australian Museum* (Sydney), Supplement 21: 212, and GRICHANOV, 1998: *Bulletin de l'Institut royal des Sciences naturelles de Belgique* (Bruxelles), *Entomologie*, 68: 83.

nec:

Chrysosoma collarti CURRAN, 1927: *Revue zoologique africaine* (Bruxelles) 15: 249.

Actually *Plagiozopelma collarti* (CURRAN, 1927), see: BICKEL, 1994: *Records of the Australian Museum* (Sydney), Supplement 21: 231.

- *New name proposed: Chrysosoma (Kalocheta) alberti* nom. nov. [after Albert COLLART].

Leptorhethum tenuipes VAN DUZEE, 1931: *Annals and Magazine of Natural History* (London), Ser. 10, 7: 252. Actually *Amblypsilopus tenuipes* (VAN DUZEE, 1931), see: BICKEL, 1994:

Records of the Australian Museum (Sydney), Supplement 21: 372.

nec:

Chrysosoma tenuipes BECKER, 1922: Capita zoologica. Verhandelingen op systematisch-zoologisch gebied. (Leiden) 1(4): 174.

Actually *Amblypsilopus tenuipes* (BECKER, 1922), see: BICKEL, 1994: Records of the Australian Museum (Sydney), Supplement 21: 370.

- *New name proposed: Amblypsilopus leptopus* nom. nov. [Greek: *leptopous*, "with delicate feet", a translation of Latin *tenuipes*].

Lyroneurus apicalis BECKER, 1922: Abhandlungen der Zoologisch-botanischen Gesellschaft in Wien (Wien) 13(1) [1921]: 182.

Actually *Diaphorus (Lyroneurus) apicalis* (BECKER, 1922), see ROBINSON, 1970: A Catalogue of the Diptera of the Americas south of the United States (Museu de Zoologia Universidade de São Paulo) 40: 35.

nec:

Diaphorus apicalis De MEIJERE, 1910: Tijdschrift voor Entomologie (Amsterdam) 53: 71.

- *New name proposed: Diaphorus (Lyroneurus) beckeri* nom. nov. [after Theodor BECKER].

Paraclius robustus BECKER, 1922: Abhandlungen der Zoologisch-botanischen Gesellschaft in Wien (Wien) 13(1) [1921]: 55.

Actually *Tachytrechus robustus* (BECKER, 1922), see: ROBINSON, 1970: A Catalogue of the Diptera of the Americas south of the United States (Museu de Zoologia Universidade de São Paulo) 40: 55.

nec:

Tachytrechus robustus LICHTWARDT, 1917: Archiv für Naturgeschichte (Berlin), Abteilung A (Original-Arbeiten) 82(4): 157.

- *New name proposed: Tachytrechus theodori* nom. nov. [after Theodor BECKER].

Porphyrops brevicornis VAN DUZEE, 1923: Entomological News (Philadelphia) 34: 241. Actually: *Rhaphium brevicorne* (VAN DUZEE, 1923), see: FOOTE, COULSON & ROBINSON, 1965: Family Dolichopodidae, in: STONE, SABROSKY, WIRTH, FOOTE & COULSON: A Catalog of the Diptera of America north of Mexico (Washington, D.C.): 512.

nec:

Rhaphium brevicorne CURTIS, 1835: British Entomology, illustrations and descriptions of genera of Insects found in Great Britain and Ireland (London) (Ed. 1) 12: 568.

- *New name proposed: Rhaphium brachyceras* nom. nov.

[from Greek *brachs*, "short" and *kéras*, "horn", "antenna", a translation of Latin *brevicornis*].

Tachytrechus californicus HARMSTON & KNOWLTON, 1963: Journal of the Kansas Entomological Society (MCPHERSON; Manhattan) 36(4): 234.

nec:

Polymedon californicus HARMSTON & KNOWLTON, 1943: Bulletin of the Brooklyn Entomological Society (Brooklyn, N.Y.) 38: 105.

Actually *Tachytrechus californicus* (HARMSTON & KNOWLTON, 1943).

- *New name proposed: Tachytrechus harmstoni* nom. nov. [after Fred C. HARMSTON].

Note

We noticed also the following cases of junior homonyms for which we do not propose new names.

Rhaphium vockerothi NEGROBOV, 1979, in: E.LINDNER (ed.), Die Fliegen der palaearktischen Region (Stuttgart), Band IV, 5: 29 (Dolichopodidae), Lieferung 322: 479.

nec:

Rhaphium vockerothi ROBINSON, 1964: Miscellaneous Publications of the Entomological Society of America (Washington, D.C.) 4(4): 147.

Sciapus mediterraneus BULLI & NEGROBOV, 1987: Vestnik Zoologi (Voronezh) 1987(3): 81.

nec:

Sciapus mediterraneus BECKER, 1907: Zeitschrift für systematische Hymenopterologie und Dipterologie (Teschendorf bei Stargard i. Mecklenburg) 7: 102.

Actually *Sciapus costae* (MIK, 1890) [*Psilopus*], see: BECKER, 1918: Nova Acta. Abhandlungen der Kaiserlichen Leopoldinisch-Carolinischen Deutschen Akademie der Naturforscher (Halle a.d. Saale) 104: 163.

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