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4. Dhr. P. GROOTAERT doet de volgende mededeling.

## Preliminary check list of the Dolichopodidae (Diptera) from Belgium

by H. MEUFFELS<sup>o</sup> and P. GROOTAERT<sup>oo</sup>

### Summary

A check list of the Dolichopodidae known in Belgium with their synonyms is given. About 270 species are cited, nearly 40 are recorded for the first time.

JACOBS in 1905 was the first to publish a catalogue of the Belgian Dolichopodidae. Later PARENT (1922-1938), GOFTGHEBUER (1928-1943) and COLLART (1934-1958) contributed with many papers to the better knowledge of the Belgian fauna.

The present check-list is partly based on a review of the Belgian literature, partly on new identifications of old material stored in the "Koninklijk Belgisch Instituut voor Natuurwetenschappen" and fresh material collected with Malaise traps all over the country.

The synonyms and lapsus as they appeared in the Belgian literature are given. The species indicated with a questionmark were not found in any collections and their presence in Belgium is considered as doubtful for various reasons. If the species was transferred to another genus, then its name is followed by the original genus name placed in between brackets.

### Dolichopodidae

Sciapodinae Becker, 1917

Sciapus Zeller, 1842  
 Psilopus Meigen, 1824  
 Sciopus Meigen, 1824 emend.  
 Leptopus Fallén, 1823

albifrons (Meigen, 1830) (Psilopus)  
 constrictans (Wiedemann, 1817) (Dolichopus)  
 constrictans Wiedemann, lapsus  
 lugens sensu Jacobs, 1905 nec Meigen, 1824

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laetus (Meigen, 1838) (Psilopus)  
 lobipes (Meigen, 1824) (Psilopus)  
 longulus (Fallén, 1823) (Leptopus)  
 maritimus Becker, 1918 (Sciopus)  
 nervosus (Lehmann, 1822) (Dolichopus)  
 pallens (Wiedemann, 1830) (Psilopus)  
 platypterus (Fabricius, 1805) (Dolichopus)  
 spiniger (Zetterstedt, 1859) (Psilopus)  
 vialis (Raddatz, 1873) (Psilopus)  
 wiedemanni (Fallén, 1823) (Leptopus)  
 constrictans sensu Jacobs, 1905  
 nec contristans (Wiedemann, 1817)

## Neurigoninae Aldrich, 1905

## Neurigona Rondani, 1856

erichsoni (Zetterstedt, 1843) (Dolichopus)  
 pallida (Fallén, 1823) (Dolichopus)  
 quadrifasciata (Fabricius, 1781) (Musca)  
 Erichsonii sensu Jacobs, 1905 nec Zetterstedt, 1843  
 suturalis (Fallén, 1823) (Dolichopus)

## Medeterinae Lioy, 1864

## Medetera Fischer von Waldheim, 1819

Hydrophorus Fallén, 1823 partim  
 Medetera Meigen, 1824 emend.  
 Oligochaetus Mik, 1878  
 Oligochaetes lapsus

abstrusa Thuneberg, 1955  
 ambigua (Zetterstedt, 1843) (Hydrophorus)  
 apicalis (Zetterstedt, 1843) (Hydrophorus)  
 belgica Parent, 1936  
 cuspidata Collin, 1941  
 dendrobaena Kowarz, 1877  
 diadema (Linnaeus, 1776) (Musca)  
 excellens Frey, 1909  
 flavipes Meigen, 1824  
 glaucella Kowarz, 1877  
 impigra Collin, 1941  
 infumata Loew, 1857  
 muralis (Zetterstedt, 1843) var. a  
 jacula (Fallén, 1823) (Hydrophorus)  
 truncorum sensu Jacobs, 1905 partim nec Meigen, 1824  
 melancholica Lundbeck, 1912  
 micacea Loew, 1857  
 muralis Meigen, 1824  
 nitida (Macquart, 1834) (Hydrophorus)

stackelbergi Parent, 1927  
 oscillans Allen, 1976  
 pallipes (Zetterstedt, 1843) (Hydrophorus)  
 parenti Stackelberg, 1925  
 perfida Parent, 1932  
 petrophila Kowarz, 1877  
 petrophiloides Parent, 1925  
 pinicola Kowarz, 1877  
 plumbella Meigen, 1824  
 saxatilis Collin, 1941  
 seguyi Parent, 1926  
 senicula Kowarz, 1877  
 setiventris Thuneberg, 1955  
 signaticornis Loew, 1857  
 striata Parent, 1927  
 tristis (Zetterstedt, 1838) (Hydrophorus)  
 truncorum Meigen, 1824  
 veles Loew, 1861  
 bilineata Frey, 1915

## Thrypticus Gerstaecker, 1864

atomus Frey, 1915  
 bellus Loew, 1869  
 divisus (Strobl, 1880) (Chrysotus)  
 crassiseta Oldenberg, 1916  
 pruinosis Parent, 1932  
 tarsalis Parent, 1932

## Systeminae Robinson, 1970

## Achalculus Loew, 1857

bilineata Frey, 1915  
 cinereus (Haliday, 1851) (Rhaphium)  
 flavicollis (Meigen, 1824) (Porphyrops)

## Systemus Loew, 1857

bipartitus (Loew, 1850)  
 tener Loew, 1859  
 leucurus Loew, 1859  
 pallipes (von Roser, 1840) (Rhaphium)  
 scholtzii (Loew, 1850) (Rhaphium)

## Diaphorinae Schiner, 1864

## Asyndetus Loew, 1869

latifrons (Loew, 1857) (Diaphorus)

## Chrysotus Meigen, 1824

- angulicornis Kowarz, 1874  
 blepharosceles Kowarz, 1874  
 cilipes Meigen, 1824  
 cupreus Macquart, 1828  
 enderleini Parent, 1938  
 femoratus Zetterstedt, 1834  
   fermoratus lapsus  
 gramineus (Fallén, 1823) (Dolichopus)  
   microcerus Kowarz, 1874  
 kowarzi Lundbeck, 1912  
 laesus (Wiedemann, 1817) (Dolichopus)  
 melampodius Loew, 1857  
 monochaetus Kowarz, 1874  
 neglectus (Wiedemann, 1817) (Dolichopus)  
   laesus sensu Jacobs, 1905 partim  
     nec Wiedemann, 1817  
 palustris Verrall, 1876  
 pulchellus Kowarz, 1874  
 suavis Loew, 1857  
 varians Kowarz, 1874

## Diaphorus Meigen, 1824

- disjunctus Loew, 1857  
 hoffmannseggi Meigen, 1830  
 jacobsi Parent, 1922  
   Winthemi sensu Jacobs, 1905 nec Meigen, 1824  
 nigricans Meigen, 1824  
 oculatus (Fallén, 1823) (Dolichopus)  
 winthemi Meigen, 1824

## Melanostolus Kowarz, 1884

- melancholicus (Loew, 1869) (Diaphorus)

## Rhaphiinae Bigot, 1852

Argyra Macquart, 1834  
 Leucostola Loew, 1857  
 Argiria lapsus

- argentella (Zetterstedt, 1843) (Dolichopus)  
 discedens auctor. nec Becker, 1907  
 argentina (Meigen, 1824) (Porphyrops)  
 argyria (Meigen, 1824) (Porphyrops)  
   divergens Parent, 1926  
 atriceps Loew, 1857  
 atripes MG lapsus

- auricollis (Meigen, 1824) (Porphyrops)  
 confinis (Zetterstedt, 1849) (Dolichopus)  
   confinis Staeger lapsus  
 diaphana (Fabricius, 1775) (Musca)  
 elongata (Zetterstedt, 1843) (Dolichopus)  
 grata Loew, 1857  
 hoffmeisteri (Loew, 1850) (Rhaphium)  
 leucocephala (Meigen, 1824) (Porphyrops)  
   argentata sensu Jacobs, 1905 nec Macquart, 1834  
 perplexa Becker, 1918  
 vestita (Wiedemann, 1817) (Dolichopus)

## Nematoproctus Loew, 1857

- distendens (Meigen, 1824) (Chrysotus)  
 praesectus Loew, 1857  
 longifilus Loew, 1857

## Rhaphium Meigen, 1803

- Porphyrops Meigen, 1824  
 Anglearia Carlier, 1835  
 Xiphandrium Loew, 1857

## Palbifrons Zetterstedt, 1843

- antennatum (Carlier, 1835) (Anglearia)  
 appendiculatum Zetterstedt, 1849  
   macrocerum sensu Parent, 1938 nec Meigen, 1824  
 auctum Loew, 1857  
 basale Loew, 1850  
 brevicorne Curtis, 1835  
   pectinatum (Becker, 1909)  
 caliginosum Meigen, 1824  
   calliginosum lapsus  
   cupreum Macquart, 1828  
   zetterstedti (Parent, 1925)  
 commune (Meigen, 1824) (Porphyrops)  
 spinicoxa Loew, 1850  
 riparium sensu Jacobs, 1905 nec Meigen, 1824  
 fascipes sensu Jacobs, 1905 nec fascipes Meigen, 1824  
 consobrinum Zetterstedt, 1843  
 discolor Zetterstedt, 1838  
 riparium sensu Parent, 1938 nec Meigen, 1824  
 crassipes (Meigen, 1824) (Porphyrops)  
 elegantulum (Meigen, 1824) (Porphyrops)  
 ensicorne Meigen, 1824  
 xiphias sensu Bequaert, 1955 nec Meigen, 1824  
 fasciatum Meigen, 1824  
 fascipes (Meigen, 1824) (Porphyrops)  
 intermedium (Becker, 1918) (Xiphandrium)  
 laticorne (Fallén, 1823) (Hydrochus)  
 nemorum Meigen, 1830

|                                  |                |
|----------------------------------|----------------|
| longicorne (Fallén, 1823)        | (Hydrochus)    |
| micans (Meigen, 1824)            | (Porphyrops)   |
| monotrichum Loew, 1850           |                |
| monostrichum lapsus              |                |
| nasutum (Fallén, 1823)           | (Hydrochus)    |
| ?nigribarbatum (Becker, 1900)    | (Porphyrops)   |
| pectinatum (Loew, 1859)          | (Porphyrops)   |
| penicillatum Loew, 1850          |                |
| riparium (Meigen, 1824)          | (Porphyrops)   |
| praerosum Loew, 1850             |                |
| rivale (Loew, 1869)              | (Porphyrops)   |
| quadrispinosum (Strobl, 1898)    | (Xiphandrium)  |
| xiphias Meigen, 1824             |                |
| Sympycninae Aldrich, 1905        |                |
| Anepsiomyia Bezzi, 1902          |                |
| Anepsius Loew, 1851              |                |
| flaviventris (Meigen, 1824)      | (Porphyrops)   |
| Bathycranium Strobl, 1892        |                |
| bicolorellum (Zetterstedt, 1843) | (Dolichopus)   |
| Campsicnemus Haliday, 1851       |                |
| S. Campsicnemus s.s.             |                |
| armatus (Zetterstedt, 1849)      | (Dolichopus)   |
| armoricanus Parent, 1926         |                |
| compeditus Loew 1857             |                |
| curvipes (Fallén, 1823)          | (Dolichopus)   |
| loripes (Haliday, 1862)          | (Camptosceles) |
| lumbatus Loew, 1857              |                |
| magius (Loew, 1845)              | (Medeterus)    |
| marginatus Loew, 1857            |                |
| pectinulatus Loew, 1864          |                |
| picticornis (Zetterstedt, 1843)  | (Dolichopus)   |
| scambus (Fallén, 1823)           | (Dolichopus)   |
| umbripennis Loew, 1856           |                |
| S. Ectomus Mik, 1878             |                |
| alpinus (Haliday, 1873)          | (Medeterus)    |
| Chrysotimus Loew, 1857           |                |
| flaviventris (von Roser, 1840)   | (Chrysotus)    |
| concinus (Zetterstedt, 1843)     |                |
| molliculus (Fallén, 1823)        | (Dolichopus)   |
| Lamprochromus Mik, 1878          |                |

|   |               |
|---|---------------|
| elegans (Meigen, 1830)                        | (Chrysotus)   |
| bifasciatus (Macquart, 1828)                  |               |
| strobli Parent, 1925                          |               |
| elegans (Meigen, 1830) espèce A, Parent, 1924 |               |
| Micromorphus Mik, 1878                        |               |
| albipes (Zetterstedt, 1845)                   | (Hydrophorus) |
| Sympycnus Loew, 1857                          |               |
| Sympycnus lapsus                              |               |
| aeneicoxa (Meigen, 1824)                      | (Porphyrops)  |
| pulicarius (Fallén, 1823)                     | (Dolichopus)  |
| annulipes (Meigen, 1824)                      |               |
| desoutteri Parent, 1925                       |               |
| spiculatus Gerstaecker, 1864                  |               |
| Syntormon Loew, 1857                          |               |
| Eutarsus Loew, 1857                           |               |
| aulicus (Meigen, 1824)                        | (Porphyrops)  |
| denticulatus (Zetterstedt, 1843)              | (Rhaphium)    |
| pumilus sensu Parent, 1938 nec Meigen, 1824   |               |
| filiger Verrall, 1912                         |               |
| fuscipes (von Roser, 1840)                    | (Porphyrops)  |
| ?luteicornis Parent, 1927                     |               |
| monilis (Haliday, 1851)                       | (Rhaphium)    |
| pallipes (Fabricius, 1794)                    | (Musca)       |
| pumilus (Meigen, 1824)                        | (Porphyrops)  |
| rufipes sensu Parent, 1938 nec Meigen, 1824   |               |
| sulcipes (Meigen, 1824)                       | (Rhaphium)    |
| tarsatus (Fallén, 1823)                       | (Hydrochus)   |
| zelleri (Loew, 1850)                          | (Rhaphium)    |
| Telmaturgus Mik, 1874                         |               |
| tumidulus (Raddatz, 1873)                     |               |
| Teuchophorus Loew, 1857                       |               |
| Teucophorus lapsus                            |               |
| calcaratus (Macquart, 1828)                   | (Medeterus)   |
| monacanthus Loew, 1859                        |               |
| monachautus lapsus                            |               |
| monachantus lapsus                            |               |
| nigricosta (von Roser, 1840)                  | (Chrysotus)   |
| signatus (Zetterstedt, 1849)                  |               |
| simplex Mik, 1880                             |               |
| spinigerellus (Zetterstedt, 1843)             | (Dolichopus)  |

## Xanthochlorus Loew, 1857

- ornatus (Haliday, 1832) (Medeterus)  
 tenellus (Wiedemann, 1817) (Dolichopus)  
 ?pultramontanus Becker, 1918

## Dolichopodinae Latreille, 1809

## Dolichopus Latreille, 1796

## S. Dolichopus s.s.

- acuticornis Wiedemann, 1817  
 agilis Meigen, 1824  
 arbustorum Stannius, 1831  
 argyrotarsis Wahlberg, 1850  
 atratus Meigen, 1824  
 atripes Meigen, 1824  
 brevipennis Meigen, 1824  
 ?caligatus Wahlberg, 1850  
 flavipes sensu Parent, 1938 nec Stannius, 1831  
 campestris Meigen, 1824  
 cilifemoratus Macquart, 1827  
 pseudocilifemoratus Stackelberg, 1933  
 claviger Stannius, 1831  
 clavipes Haliday, 1831  
 ?cruralis Wahlberg, 1850  
 discifer Stannius, 1831  
 nigricornis sensu Parent, 1938 nec Meigen, 1824  
 excisus Loew, 1859  
 eurypterus Gerstaecker, 1864  
 festivus Haliday, 1832  
 arbustorum sensu Jacobs, 1905 nec Stannius, 1831  
 griseipennis Stannius, 1831  
 griscipennis lapsus  
 laticola Verrall, 1904  
 latilimbatus Macquart, 1827  
 latelimbatus emend.  
 lepidus Staeger, 1842  
 linearis Meigen, 1824  
 longicornis Stannius, 1831  
 longicornis Wiedemann lapsus  
 longitarsis Stannius, 1831  
 mediicornis Verrall, 1875  
 melanopus Meigen, 1824  
 migrans Zetterstedt, 1843  
 confusus Zetterstedt, 1843  
 nitidus Fallén, 1823  
 notatus Staeger, 1842  
 notabilis Zetterstedt, 1843  
 nubilus Meigen, 1824  
 pennatus Meigen, 1824

- plumitarsis sensu Jacobs, 1905 nec Fallén, 1823  
 signatus sensu Jacobs, 1905 nec Meigen, 1824  
 simplex sensu Jacobs, 1905 nec Meigen, 1824  
 phaeopus Haliday, 1851  
 picipes Meigen, 1824  
 fastuosus Haliday, 1831  
 planitarsis Fallén, 1823  
 plumipes (Scopoli, 1763) (Musca)  
 plumitarsis Fallén, 1823  
 popularis Wiedemann, 1817  
 pennitarsis sensu Jacobs, 1905 nec Fallén, 1823  
 rupestris Haliday, 1833  
 sabinus Haliday, 1838  
 signatus Meigen, 1824  
 argentifer Loew, 1859  
 signifer Haliday, 1831  
 simplex Meigen, 1824  
 strigipes Verrall, 1875  
 subpennatus d'Assis Fonseca, 1976  
 tanythrix Loew, 1869  
 trivialis Haliday, 1832  
 cilifemoratus sensu Parent, 1938 nec Macquart, 1827  
 unguatus (Linnaeus, 1758) (Musca)  
 aeneus (De Geer, 1782)  
 urbanus Meigen, 1824  
 vitripennis Meigen, 1824  
 trivialis sensu Jacobs, 1905 nec Haliday, 1831  
 wahlbergi Zetterstedt, 1843

## S. Macrodolichopus Stackelberg, 1930

- diadema Haliday, 1831

## Hercostomus Loew, 1857

- Gymnopternus Loew, 1857

- aerosus (Fallén, 1823) (Dolichopus)  
 angustifrons (Staeger, 1842) (Dolichopus)  
 assimilis (Staeger, 1842) (Dolichopus)  
 brevicornis (Staeger, 1842) (Dolichopus)  
 obscuripennis (Zetterstedt, 1843)  
 metallicus sensu Jacobs, 1905 nec Stannius, 1831  
 celer (Meigen, 1824) (Dolichopus)  
 chalybeus (Wiedemann, 1817) (Dolichopus)  
 chetifer (Walker, 1849) (Porphyrops)  
 cretifer (Walker, 1856)  
 chrysozygos (Wiedemann, 1817) (Dolichopus)  
 cupreus (Fallén, 1823) (Dolichopus)  
 exarticulatus (Loew, 1857) (Dolichopus)  
 fulvicaudis (Haliday, 1851) (Sybistroma)  
 germanus (Wiedemann, 1817) (Dolichopus)  
 gracilis (Stannius, 1831) (Dolichopus)

- bicolor (Macquart, 1827)  
 inornatus (Loew, 1857) (Gymnopternus)  
 longiventris (Loew, 1857) (Sybistroma)  
 metallicus (Stannius, 1831) (Dolichopus)  
 metallicus lapsus  
 nanus (Macquart, 1827) (Dolichopus)  
 nigripennis (Fallén, 1823) (Dolichopus)  
 caudatus sensu Jacobs, 1905 nec Loew, 1859  
 nigriplantis (Stannius, 1831) (Dolichopus)  
 parvilamellatus (Macquart, 1827) (Dolichopus)  
 pilifer (Loew, 1859) (Gymnopternus)  
 plagiatus (Loew, 1857) (Gymnopternus)  
 praeceps Loew, 1869  
 fulvicaudis partim sensu Parent, 1926  
 nec Walker, 1851  
 rusticus (Meigen, 1824) (Dolichopus)  
 vivax (Loew, 1857) (Gymnopternus)
- Hypophyllus Haliday, 1832  
 Sybistroma Meigen, 1824 partim
- crinipes (Staeger, 1842) (Sybistroma)  
 discipes (Germar, 1817) (Dolichopus)  
 obscurellus (Fallén, 1823) (Dolichopus)  
 sciophilus Loew, 1869  
 sphenopterus Loew, 1859
- Muscidideicus Becker, 1917  
 Muscideicus emend.
- praetextatus (Haliday, 1855) (Dolichopus)
- Nodicornis Rondani, 1843  
 Sybistroma Meigen, 1824
- nodicornis (Meigen, 1824) (Sybistroma)
- Poecilobothrus Mik, 1878  
 Gymnopternus Loew, 1857
- ducalis (Loew, 1857)  
 comitalis sensu Jacobs, 1905 nec Kowarz, 1867  
 infuscatus sensu Parent, 1938 nec Stannius, 1831  
 nobilitatus (Linnaeus, 1767) (Musca)  
 principalis (Loew, 1861) (Gymnopternus)  
 fumipennis sensu Parent, 1938 nec Stannius, 1831  
 regalis (Meigen, 1824) (Dolichopus)
- Tachytrechus Haliday, 1851

- ammobates (Haliday, 1851) (Dolichopus)  
 plumipes (Fallén, 1823)  
 consobrinus (Haliday, 1851) (Dolichopus)  
 insignis (Stannius, 1831) (Ammobates)  
 notatus (Stannius, 1831) (Ammobates)  
 ripicola Loew, 1857
- Hydrophorinae Lioy, 1864
- Aphrosylus Haliday, 1851
- ferox Haliday, 1851
- Hydrophorus Fallén, 1823
- albiceps Frey, 1915  
 magnicornis sensu Parent, 1938 nec Frey, 1915  
 balticus (Meigen, 1824) (Medeterus)  
 bipunctatus (Lehmann, 1822) (Dolichopus)  
 litoreus Fallén, 1823  
 nebulosus Fallén, 1823  
 oceanus (Macquart, 1838) (Medeterus)  
 bisetus Loew, 1857  
 inaequalipes sensu Meunier, 1903 nec Macquart, 1834  
 praecox (Lehmann, 1822) (Dolichopus)  
 viridis (Meigen, 1824) (Medeterus)
- Liancalus Loew, 1857  
 Lianculus lapsus
- virens (Scopoli, 1763) (Musca)
- Machaerium Haliday, 1832
- maritimae Haliday, 1832
- Orthoceratium Schrank, 1803
- lacustre (Scopoli, 1763) (Musca)
- Scellus Loew, 1857
- notatus (Fabricius, 1781) (Musca)
- Thinophilus Wahlberg, 1844
- S. Thinophilus Wahlberg, 1844  
 flavipalpis (Zetterstedt, 1843) (Rhaphium)  
 ruficornis (Haliday, 1838) (Medeterus)

S. Schoenophilus Mik, 1878  
versutus (Haliday, 1851) (Thinophilus)

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