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Isoptera, Embioptera, Neuroptera, Mecoptera, Raphidioptera and Diptera types in ZFMK

Bradley J. Sinclair¹ & Netta Dorchin²

¹ Canadian National Collection of Insects and Ottawa Plant Laboratory – Entomology, CFIA, K.W. Neatby Bldg., C.E.F., 960 Carling Ave., Ottawa, ON, Canada K1A 0C6; E-mail: bradley.sinclair@inspection.gc.ca.

² Zoologisches Forschungsmuseum Alexander Koenig, Adenauerallee 160, D-53113 Bonn, Germany; E-mail: n.dorchin.zfmk@uni-bonn.de.

Abstract. The total type material of the Embioptera, Isoptera, Neuroptera, Mecoptera, Raphidioptera and Diptera collections housed in the Zoologisches Forschungsmuseum Alexander Koenig (ZFMK), as of 30 September 2010, are catalogued. Exclusive of the Phoridae collections of Schmitz and Beyer (which contain 452 and 152 types, respectively), the collections contain 263 holotypes, 79 lectotypes and five neotypes. Forty species are represented by syntypes and 328 by para- and paralectotypes. Except for the Phoridae collection, reference to the original description of each taxon is provided and sex and number of each type are given.

Key words. Type specimens, ZFMK.

INTRODUCTION

The collections of insects covered in this paper are primarily from Europe, with additional holdings from expeditions to North Africa, Afghanistan and China (e.g., Klapperich collections). Additional information concerning the Diptera collection is briefly described in a report on the German Diptera collections (Bährmann 1999). The total number of types for Embioptera, Isoptera, Neuroptera, Mecoptera and Raphidioptera is summarized in Table 1. The total number of types for the families of Diptera exclusive of the Schmitz and Beyer Phoridae collections is summarized in Table 2.

Under each Order, this catalogue is arranged alphabetically by species name, using the original combination and spellings. Within Diptera, the entries are divided among families, which are also arranged alphabetically. Each entry is arranged in the following order: species and subspecies names, author, year of publication, page number in which species was described, original generic assignment in brackets, and the number, sex and kind of type. The following abbreviations were used in the lists: alc. – alcohol or spirit collection, HT – holotype, LT – lectotype, NT – neotype, PLT – paralectotype, PNT – paraneotype, PT – paratype, ST – syntype. Notes about nomenclature, genitalic dissections, general condition of the types, discussion of some problems encountered in determination of the type status and the present generic combination (wherever possible, if readily available from current printed and on-line catalogues) are included in the Remarks.

The complete list of original references follows each major category (Order or family). The species are all pinned and dried, unless otherwise indicated. The validity of each type was checked, wherever possible, against the original descriptions.

The vast collections of Schmitz and Beyer were treated separately in the present work as they require a thorough revision by a specialist of the family. These collections constitute the most important collections of European Phoridae while also containing numerous species from other parts of the world. Because types in these collections were often not labeled clearly or not according to the currently accepted rules (e.g., many specimens are simply labeled as “Type”), it was impossible to include details about the sex and condition of the types as was done for other families in this catalog. Therefore, data on types in these collections are given as they appear on the labels and the total number of types may be an underestimation. Establishing the actual status of types in the Schmitz and Beyer collections will require comprehensive treatment, including how subsequent workers dealt with the Schmitz and Beyer types. As many of the phorid types (or parts of types) are mounted on microscope slides, for each entry it is stated whether types are pinned or slide-mounted or both. Overall, the Schmitz collection includes 452 types and the Beyer collection 152 types but future work may reveal additional unlabeled type specimens.

REFERENCES

Bährmann R (1999) Zur Kenntnis der Dipteren Sammlungen Deutschlands. Beiträge zur Entomologie 49 (1): 173–209

ISOPTERA

processionarius Schmitz, 1924: 302 (*Eutermes*) – 2 workers, 1 soldier ST (pinned)

Remarks: The species name was first spelt *processionarins*, but all subsequent spellings were *processionarius*. It is assumed that the first spelling was a *lapsus calami*. In addition to the dried material above, 20 soldiers and 32 workers were found in the alcohol collection, labeled as type material and from the type locality. However, an immature reproductive was also included, but Schmitz (1924) stated that none were available at the time. He either did not view the specimen of good enough quality to describe or this alcohol material was received after the species was published. Given that no ranges were included in the measurements, it would appear that only the three dried specimens were initially available.

This species was not included in the recent Oriental catalogue (Ahmad & Akhtar 2002).

REFERENCES

Ahmad M, Akhtar MS (2002) Catalogue of the Termites (Isoptera) of the Oriental Region. Pakistan Journal of Zoology, Supplement Series, 2: 1–86

Schmitz H (1924) Drei neue Platyphorinen (Phoridae, Diptera) und eine neue Wirtstermite. Zoologischen Anzeiger 59: 289–304

EMBIOPTERA

enderleini Esben-Petersen, 1915: 86 (*Embia*) – male HT (in alc.)

Remarks: Synonym of *Embia savignyi* Westwood.

REFERENCES

Esben-Petersen P (1915) Neuropteren und Embiiden aus Oberägypten und dem Aegypt. Sudan. Entomologische Mitteilungen 4: 79–88

NEUROPTERA

cephalicus Navás, 1911: 244 (*Myrmeleon*) – 1 male ST

geyri Esben-Petersen, 1915: 85 (*Chrysopa*) – female LT; 3 females PLT (in alc.)

Remarks: Synonym of *Brinckochrysa chlorosoma* (Navás). LT designated by Ohm & Hölzel (1992: 294).

koenigi Esben-Petersen, 1915: 82 (*Berotha*) – male LT; 5 females PLT (in alc.)

Remarks: Assigned to *Lekrugeria* Navás. LT designated by Aspöck & Aspöck (1986: 88).

leroiana Esben-Petersen, 1915: 81 (*Berotha*) – male LT; 2 males, 62 females PLT (in alc.)

Remarks: Assigned to *Podallea* Navás. LT designated by Aspöck & Aspöck (1981: 86).

nilotica Tjeder, 1957: 161 (*Sisyra*) – 5 males, 9 females PT

Remarks: All material from type locality is missing (incl. HT).

punctatus Navás, 1911: 245 (*Nelees*) – 1 female ST

trilineata Navás, 1911: 243 (*Cueta*) – 1 male, 1 female ST

varius Navás, 1911: 240 (*Palpares*) – 1 female ST

REFERENCES

Aspöck U, Aspöck H (1981) Das Genus *Podallea* Navás, 1936 (Neuropteroidea: Planipennia: Berothidae). Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen 32(1980)(3/4): 81–96

Aspöck U, Aspöck H (1986) Das Genus *Lekrugeria* Navás (Neuropteroidea: Planipennia: Berothidae: Berothinae). Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen 37(1985)(3/4): 85–86

Esben-Petersen P (1915) Neuropteren und Embiiden aus Oberägypten und dem Aegypt. Sudan. Entomologische Mitteilungen 4: 79–88

Navás L (1911) Notes sur quelques Névroptères. Insecta (Rennes) 1(11): 239–246

Ohm P, Hölzel H (1992) Aspects of biogeography and phenology of Chrysopidae from the Republic of Sudan (Insecta: Neuroptera). Pp. 291–301, in: Canard, M., Aspöck, H. & Mansell, N. W. (eds.) Current Research in Neuropterology. Proceedings of the Fourth International Symposium on Neuropterology. Banères-de-Luchon, France, 1991.

Tjeder B (1957) Neuroptera-Planipennia. The lace-wings of Southern Africa. 1. Introduction and families Coniopterygidae, Sisyridae, and Osmylidae. Chapter 3. Pp. 95–188, in: Hanström, B., Brinck, P. & Rudebeck, G. (eds.) South African Animal Life, Results of the Lund University Expedition in 1950–1951, Vol. 4. Almqvist & Wiksells, Uppsala. 508

MECOPTERA

communis raechlei Lauterbach, 1970: 284 (*Panorpa*) – 2 males, 2 females ST (in alc.)

fukiensis Tjeder, 1950: 286 (*Panorpa*) – male HT; 1 female PT

Remarks: HT and PT (labeled as allotype) missing from collection.

germanica corcyraea Lauterbach, 1972: 122 (*Panorpa*) – female? HT

Remarks: Genitalia dissected and missing.

- germanica euboica* Lauterbach, 1972: 121 (*Panorpa*) – male HT; 1 male, 4 females PT
- germanica graeca* Lauterbach, 1972: 119 (*Panorpa*) – male HT; 12 males, 13 females PT
- germanica riegeri* Lauterbach, 1971: 65 (*Panorpa*) – 1–3 PT (in alc.)
Remarks: Type material is missing from collection.
- germanica rumelica* Lauterbach, 1972: 117 (*Panorpa*) – male HT; 1 female PT
Remarks: Genitalia dissected and missing.
- klapperichi* Tjeder, 1950: 289 (*Panorpa*) – female HT
Remarks: HT missing from collection.
- lacedaemonia* Lauterbach, 1972: 124 (*Panorpa*) – male HT; 1 male, 2 females PT
Remarks: HT dissected and missing genitalia.
- plitvicensis* Lauterbach, 1972: 134 (*Panorpa (Aulops)*) – 2 females PT ?
Remarks: One specimen labeled as HT and other as allotype. However, HT is stated to be male. Uncertain whether both are part of the original type series. Whereabouts of other specimens are unknown.
- thrakica* Willmann, 1976: 61 (*Panorpa*) – male HT; 1 male, 3 females PT
Remarks: HT dissected.

REFERENCES

- Lauterbach KE (1970) Eine neue Rasse von *Panorpa communis* L. aus Piemont, zugleich ein Beitrag zur Kenntnis von *Panorpa vulgaris* Imhoff und Labram (Insecta – Mecoptera). Jahreshefte der Gesellschaft für Naturkunde in Württemberg 125: 284–290
- Lauterbach KE (1971) Eine neue Unterart von *Panorpa germanica* L. aus Bosnien (Mecoptera, Panorpidae). Entomologische Zeitschrift 81(7): 65–68
- Lauterbach KE (1972) Zur Kenntnis der Skorpionsfliegen des Balkans (Mecoptera, Panorpidae). Deutsche Entomologische Zeitschrift 19: 109–140
- Tjeder B (1950) Mecopteren aus Fukien. Bonner zoologische Beiträge 1(2–4): 286–290
- Willmann R (1976) Eine neue europäische *Panorpa* (Mecoptera, Panorpidae). Entomologische Zeitschrift 86(6): 60–64

RAPHIDIOPTERA

- marielouisae* Aspöck et al., 1978: 165 (*Raphidia*) – male HT
- notata aperta* Navás, 1911: 246 (*Raphidia*) – 1 male ST

REFERENCES

- Navás L (1911) Notes sur quelques Névroptères. Insecta (Rennes) 1(11): 239–246
- Aspöck H, Aspöck U, Şengonca Ç (1978) *Raphidia (Ornatraphidia) marielouisae* n. sp., eine neue Kamelhalsfliege aus Südanatolien (Neuropteroidea: Raphidioptera). Entomologische Zeitschrift 88: 165–168
- Bonn zoological Bulletin 58: 49–88

DIPTERA

Family: Anthomyiidae

- asiatica* Hennig, 1976: 938 (*Egle*) – male HT
Remarks: HT dissected, genitalia mounted on three microscope slide.
- bacilligera* Hennig, 1974: 743 (*Delia*) – male HT; 6 males PT
Remarks: HT dissected, genitalia mounted on two microscope slides.
- chinensis* Hennig, 1973: 542 (*Pegomya*) – male HT; 1 male PT
Remarks: HT dissected, genitalia mounted on four microscope slides.
- graeca* Hennig, 1970: 332 (*Botanophila*) – male HT; 1 male PT
Remarks: HT dissected, genitalia mounted on four microscope slides.
- parafrontella* Hennig, 1974: 865 (*Delia*) – male HT
Remarks: HT dissected, genitalia mounted on two microscope slides.
- trifurcata* Hennig, 1976: 953 (*Pegphylemyia*) – male HT
Remarks: Assigned to *Botanophila* by Lioy; HT dissected, genitalia mounted on three microscope slides.

REFERENCES

- Hennig W (1970) 63a. Anthomyiidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 7(1), Lief. 282: 329–376
- Hennig W (1973) 63a. Anthomyiidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 7(1), Lief. 296: 513–592
- Hennig W (1974) 63a. Anthomyiidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 7(1), Lief. 306: 681–776
- Hennig W (1974) 63a. Anthomyiidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 7(1), Lief. 307: 777–872
- Hennig W (1976) 63a. Anthomyiidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 7(1), Lief. 314: 921–974

Family: Asilidae

- bacescui* Weinberg, 1979: 281 (*Dasygogon*) – male HT; 4 males, 4 females PT
- comosus* Scarbrough & Marascia, 2003: 28 (*Ommatius*) – 5 males, 3 females PT
- gerardi* Weinberg, 1987: 156 (*Dasygogon*) – male HT
- kugleri* Weinberg, 1985: 194 (*Dasygogon*) – 1 female PT

REFERENCES

- Scarbrough AG, Marascia CG (2003) Revision of *Ommatius* Wiedemann (Diptera: Asilidae). IV. *Pygommatius* subgen. nov. with twenty-five Afrotropical species. Zootaxa 228: 1–94
- Weinberg M (1979) *Dasygogon bacescui* sp.n. (Diptera, Asilidae). Travaux du Muséum d'Histoire naturelle Grigore Antipa 20: 281–285

Weinberg M (1985) *Dasygogon kugleri*, a new species of Asilidae (Diptera) from Yugoslavia. Israel Journal of Entomology 19: 193–196

Weinberg M (1987) *Dasygogon gerardi* n.sp. and the designation of the neotype of *Dasygogon diadema* (Fabricius 1781) (Diptera, Asilidae). Travaux du Muséum d'Histoire naturelle Grigore Antipa 29: 155–164

Family: Atelestidae

zaitsevi Sinclair & Shamshev, 2003: 2950 (*Nemedina*) – 1 male, 1 female PT

Remarks: The female PT is cleared and stored in glycerine.

REFERENCES

Sinclair BJ, Shamshev IV (2003) A new species of *Nemedina* Chandler from mid-Asia (Diptera: Empidoidea) resolves the phylogenetic position of this enigmatic genus. Journal of Natural History 37(24): 2949–2958

Family: Blephariceridae

alpinus Kitakami, 1931: 83 (*Philorus*) – 1 pupa, 1 larva ST? (in alc.)

Remarks: Possible syntypes.

bilobatoides Kitakami, 1931: 81 (*Philorus*) – 1 pupa, 1 larva ST (in alc.)

Remarks: Assigned to *Agathon* Röder.

bilobatoides longispina Kitakami, 1931: 83 (*Philorus*) – 1 pupa ST (in alc.)

Remarks: Subspecies assigned to *Agathon* Röder.

chosenensis Kitakami, 1931 (*Philorus*) – male LT; 1 pupa, 1 larva PLT

cinerascens tyrrenica Edwards, 1928: 175 (*Liponeura*) – 1 male ST

Remarks: Synonym of *L. cinerascens* Loew.

deceptrix Zwick, 1978: 249 (*Liponeura*) – male HT; 13 males PT

decipiens Bezzi, 1913: 103 (*Liponeura*) – 1 male PLT

Remarks: LT and PLT designated by Zwick (1980: 52).

edwardsiana Mannheims, 1954: 101 (*Liponeura*) – 4 males, 3 females PT

itala Zwick, 1978: 251 (*Liponeura*) – male HT (in alc.)

kanii Kitakami, 1938: 344 (*Neohapalothrix*) – 1 pupa, 3 larvae ST (in alc.)

kawamurai ezoensis Kitakami, 1950: 46 (*Bibiocephala*) – male LT, 2 pupae, 2 larvae PLT (in alc.)

Remarks: Assigned to *Agathon* and elevated to species level (Zwick & Arefina 2006).

kawamurai kawamurai Kitakami, 1950: 44 (*Bibiocephala*) – 1 male, 1 female, 2 pupae, 2 larvae ST (in alc.)

kibunensis Kitakami, 1931: 85 (*Philorus*) – 1 pupa, 1 larva ST (in alc.)

komaensis Kitakami, 1950: 41 (*Amika*) – 4 larvae ST (in alc.)

Remarks: Assigned to *Bibiocephala* Osten Sacken.

kongoensis Kitakami, 1950: 58 (*Philorus*) – 1 pupa ST (in alc.)

kuyaensis Kitakami, 1931: 87 (*Philorus*) – 1 larva ST (in alc.)

manschukuensis Mannheims, 1938: 329 (*Curupira*) – female HT

Remarks: Assigned to *Neohapalothrix* Kitakami.

montana Kitakami, 1931: 78 (*Bibiocephala*) – 1 pupa ST (in alc.)

Remarks: Assigned to *Agathon*.

sardous Zwick, 1968: 253 (*Dioptopsis*) – 1 pupa, 2 larvae PT (in alc.)

Remarks: Pharate male, in pupa (genitalia only).

REFERENCES

Bezzi M (1913) Blefaroceridi Italiani con descrizione di una nuova forma e di due specie esotiche. Bollettino della Società Entomologica Italiana 44 (1912): 3–113

Edwards FW (1928) The nematocerous Diptera of Corsica. Encyclopédie Entomologique (B II) Diptera 4: 157–189

Kitakami S (1931) The Blepharoceridae of Japan. Memoirs of the College of Science, Kyoto Imperial University, Series B 6: 53–108, pls 8–17

Kitakami S (1938) A new genus and species of Blepharoceridae from Japan. Memoirs of the College of Science, Kyoto Imperial University, Series B 14: 341–352, pls 21–23

Kitakami S (1950) The revision of the Blepharoceridae of Japan and adjacent territories. Journal of the Kumamoto Woman's University 2: 15–80, pls 1–5

Mannheims B (1954) Die Blepharoceriden Griechenlands. Bonner zoologische Beiträge 1: 87–110

Mannheims BJ (1938) Über das Vorkommen der Gattung *Curupira* in Manschukuo. Arbeiten über morphologische und taxonomische Entomologie, Berlin 5: 328–332

Zwick P (1968) Zur Kenntnis der Gattung *Dioptopsis* (Dipt., Blepharoceridae) in Europa. Mitteilungen der Schweizerischen Entomologischen Gesellschaft 41: 253–265

Zwick P (1978) Beitrag zur Kenntnis europäischer Blephariceridae. Bonner zoologische Beiträge 29: 242–266

Zwick P (1980) The net-winged midges of Italy and Corsica (Diptera: Blephariceridae). Aquatic Insects 2(1): 33–61

Zwick P, Arefina T (2006) The net-winged midges (Diptera: Blephariceridae) of the Russian Far East. Bonner zoologische Beiträge 53 (3/4) (2004): 333–357

Family: Brachystomatidae

athertonius Sinclair, 2003: 9 (*Ceratomerus*) – 3 females PT

attenuatus Sinclair, 2003: 16 (*Ceratomerus*) – 3 males PT

- barringtonensis* Sinclair, 2003: 10 (*Ceratomerus*) – 2 males PT
falcatus Sinclair, 2003: 27 (*Ceratomerus*) – 13 males PT
globosus Sinclair, 2003: 21 (*Ceratomerus*) – 2 males, 3 females PT
hibernus Sinclair, 2003: 29 (*Ceratomerus*) – 1 female PT
japonica Saigusa, 1963: 121 (*Heleodromia*) – 2 males, 1 female PT
lobatus Sinclair, 2003: 38 (*Ceratomerus*) – 14 males, 2 females PT
macalpinei Sinclair, 2003: 23 (*Ceratomerus*) – 1 male PT
maculatus Sinclair, 2003: 29 (*Ceratomerus*) – 13 males, 6 females PT
malleolus Sinclair, 2003: 23 (*Ceratomerus*) – 1 male, 1 female PT
oreas Sinclair, 2003: 26 (*Ceratomerus*) – 1 male PT
orientalis Sinclair, 2003: 39 (*Ceratomerus*) – 33 males, 14 females PT
rami Wagner & Leese, 2004: 15 (*Heleodromia*) – male HT (in alc.)
victoriae Sinclair, 2003: 14 (*Ceratomerus*) – 5 males, 5 females PT

REFERENCES

- Saigusa T (1963) Studies on the genus *Heleodromia* in Japan (Diptera, Empididae). *Sieboldia* 3(1): 119–129
 Sinclair BJ (2003) Taxonomy, phylogeny and zoogeography of the subfamily Ceratomerinae of Australia (Diptera: Empidoidea). *Records of the Australian Museum* 55: 1–44
 Wagner R, Leese F, Panesar AR (2004) Aquatic dance flies from a small Himalayan stream (Diptera: Empididae: Hemerodromiinae, Trichopezinae and Clinocerinae). *Bonner zoologische Beiträge* 52(1–2) (2003): 3–31

Family: Cecidomyiidae

All types in this family are mounted on microscope slides.

- agrostivora* Meyer, 1985: 455 (*Mayetiola*) – 3 males, 1 larva PT
Remarks: According to Meyer (personal communication), his collection should contain 3 male and 2 female paratypes. However, the specimens were not labeled as paratypes and are highly damaged as they were mounted temporarily in glycerine. The medium evaporated or crystallized around the specimens making it impossible to recognize most of them. To save the remaining recognizable paratypes (3 males and 1 larva), N. Dorchin remounted two males on the same slide and ringed with Euparal the cover slip of the third male on a different slide. The larva slide was ringed by Meyer himself.
akko Dorchin & Freidberg, 2008: 9 (*Careopalpis*) – 5 males, 6 females PT
crispa Dorchin & Freidberg, 2008: 18 (*Stefaniola*) – 4 males, 6 females PT

- gerardi* Meyer, 1984: 35 (*Procytiphora*) – 3 males, 2 females PT
gina Dorchin, 2009: 13 (*Rhopalomyia*) – 2 males, 4 females PT
gracilis Dorchin & Freidberg, 2008: 12 (*Houardiella*) – 4 males, 6 females PT
nana Meyer & Spungis, 1994: 434 (*Acoenonia*) – 2 males PT
puccinelliae Meyer, 1984: 40 (*Mayetiola*) – male HT; 15 males, 5 females, 8 larvae, 6 exuviae PT

REFERENCES

- Dorchin N, Freidberg A (2008) The Chenopodiaceae-feeding gall midges (Diptera: Cecidomyiidae) of the Na'aman salt marsh, Israel. *Zootaxa* 1937: 1–22
 Dorchin N, McEvoy MV, Dowling TA, Abrahamson WG, Moore JG (2009) Revision of the goldenrod-feeding *Rhopalomyia* (Diptera: Cecidomyiidae) in North America. *Zootaxa* 2152: 1–35
 Meyer H (1984) Experimentell-ökologische Untersuchungen an Gallmücken (Cecidomyiidae – Diptera) in Salzwiesenbereichen Nordwestdeutschlands. *Faunistisch-Ökologische Mitteilungen*, Supplement 5: 1–124
 Meyer H (1985) Untersuchungen zur Systematik, Biologie und Ökologie einer neuen stengelbewohnenden Gallmückenart – *Mayetiola agrostivora* n. sp. (Diptera–Cecidomyiidae) an *Agrostis stolonifera* L (Weisses Straußgras) in Norddeutschland. *Faunistisch-Ökologische Mitteilungen* 5: 455–463
 Meyer H, Spungis V (1994) New species of gall midges of the genus *Acoenonia* Pritchard and *Allaretella* gen. nov. from North West Germany. (Diptera, Cecidomyiidae). *Entomofauna* 38: 433–441

Family: Chloropidae

- agropyri* Nartshuk, 1964: 312 (*Dicraeus*) – 1 male, 1 female PT
bothriochloae Nartshuk, 1978: 86 (*Dicraeus*) – 1 male, 1 female PT
flavescens Nartshuk, 1974: 367 (*Dicraeus*) – 1 male, 1 female PT
humeralis Nartshuk, 1964: 311 (*Dicraeus*) – 1 male, 1 female PT
miscanthi Nartshuk, 1967: 435 (*Dicraeus*) – 1 male, 1 female PT
nartshukae Kanmiya, 1971: 169 (*Dicraeus*) – 1 male, 1 female PT
nigriventris Nartshuk, 1964: 314 (*Dicraeus*) – 1 male, 1 female PT
sasae Nartshuk, 1973: 941 (*Platycephala*) – 2 females PT
setiger Nartshuk, 1973: 72 (*Dicraeus*) – 1 male, 1 female PT
typhae Nartshuk, 1971: 710 (*Stenophthalmus*) – 1 male, 1 female PT

REFERENCES

- Kanmiya K (1971) Study on the genus *Dicraeus* Loew from Japan and Formosa (Diptera, Chloropidae). *Mushi* 45: 157–180
- Nartshuk EP (1964) New genera and new species of Chloropid flies (Diptera, Chloropidae) from Kazakhstan. *Trudy Zoologicheskogo Instituta, Akademiya Nauk SSSR, Leningrad* 34: 302–324 (In Russian)
- Nartshuk EP (1967) Chloropid flies of the genus *Dicraeus* Lw. (Diptera, Chloropidae). *Entomologicheskoe Obozrenie* 46(2): 415–438 (In Russian)
- Nartshuk EP (1971) Revision of flies of the genus *Stenophthalmus* Becker (Diptera, Chloropidae). *Entomologicheskoe Obozrenie* 50(3): 706–711 (In Russian, with English summary)
- Nartshuk EP (1973) Two new species of Chloropid fly *Dicraeus* Lw. from Azerbajdzhan (Diptera, Chloropidae). *Doklady Akademii Nauk Azerbajdzhanskoj SSR* 29(3): 70–75 (In Russian)
- Nartshuk EP (1973) Chloropidae (Diptera) of bamboo genus *Sasa* Makino et Shibata from Sakhalin and Kuril Islands. Report 1. Description of new species. *Entomologicheskoe Obozrenie* 52(4): 935–943 (In Russian, with English summary)
- Nartshuk EP (1974) New data on fauna of Chloropidae of the Mongolian People's Republic. *Insects of Mongolia* 2: 360–379 (In Russian)
- Nartshuk EP (1978) Two new species of Chloropidae (Diptera) from Middle Asia. *Trudy Zoologicheskogo Instituta, Akademiya Nauk SSSR, Leningrad* 71: 83–89 (In Russian)
- merzi* Gatt, 2003: 677 (*Microphorella*) – male HT (in alc.); 7 males, 2 females PT (in alc.), 7 males, 5 females PT (pinned)
- minor* Takagi, 1965: 81 (*Acymatopus*) – 1 male, 1 female PT
- natalensis* Ulrich, 1991: 194 (*Plesiothalassius*) – 1 male, 1 female (pinned), 3 males, 4 females (in alc.) PT
- nepalensis* Saigusa, 1984: 62 (*Diostracus*) – 1 male, 1 female PT
- nigropunctatus* Pollet & Brunhes, 1997: 376 (*Achalculus*) – 1 male PT (in alc.)
- nishidai* Saigusa, 1984: 23 (*Diostracus*) – 1 male PT
- nodulatus* Takagi, 1965: 70 (*Conchopus*) – 3 males, 2 females PT
- piricornis* Ulrich, 1991: 201 (*Amphithalassius*) – 1 male (pinned), 3 males, 3 females (in alc.) PT
- roggii* Rampini & Canzoneri, 1979: 265 (*Medetera*) – 1 male, 2 females PT
- saigusai* Takagi, 1965: 64 (*Conchopus*) – 2 males, 2 females PT
- stuckenbergerorum* Irwin, 1974: 236 (*Sciopolina*) – 1 male, 1 female PT
- venetus* Meuffels, 1977: 201 (*Sciapus*) – 1 male, 1 female PT
- ulrichi* Gatt, 2003: 671 (*Microphorella*) – male HT (in alc.); 6 males, 6 females PT (in alc.), 11 males, 6 females PT (pinned)

Family: Dolichopodidae (s. lat.)

- anomalopus* Takagi, 1965: 73 (*Conchopus*) – 4 males, 2 females PT
- bimaculatus* Pollet, 1997: 361 (*Achalculus*) – 1 male, 1 female PT (in alc.)
- borealis* Takagi, 1965: 55 (*Conchopus*) – 3 males, 2 females? PT
- canzonerii* Rampini, 1975: 137 (*Campsicnemus*) – 1 male, 1 female PT
- Remarks:** Synonym of *C. picticornis* (Zetterstedt).
- flavus* Ulrich, 1991: 198 (*Plesiothalassius*) – 1 male, 2 females PT (in alc.)
- genualis* Takagi, 1968: 43 (*Diostracus*) – 2 males, 1 female PT
- inornatus* Takagi, 1968: 45 (*Diostracus*) – 1 male, 1 female PT
- latus* Ulrich, 1991: 206 (*Amphithalassius*) – 1 male, 1 female (pinned), 8 males, 4 females (in alc.) PT
- longicornis* Saigusa, 1984: 67 (*Diostracus*) – 1 male, 1 female PT
- longisetosus* Takagi, 1965: 81 (*Acymatopus*) – 5 males PT
- magnipalpis* Saigusa, 1984: 45 (*Diostracus*) – 1 male, 1 female PT
- major* Takagi, 1965: 79 (*Acymatopus*) – 1 male, 1 female PT

REFERENCES

- Gatt P (2003) New species and records of *Microphorella* Becker (Diptera: Empidoidea, Dolichopodidae) from the Mediterranean region. *Revue suisse de Zoologie* 110(4): 669–684
- Irwin ME (1974) An account of the southern African genus *Sciopolina* with descriptions of new species (Diptera: Dolichopodidae Sciapodinae). *Annals of the Natal Museum* 22: 221–264
- Meuffels HJG (1977) Diptères Dolichopodides paléarctiques nouveaux ou intéressants. *Bulletin des Recherches Agronomiques de Gembloux* 11(1976): 201–206
- Pollet M (1997) Systematic revision and phylogeny of the Palearctic species of the genus *Achalculus* Loew (Diptera: Dolichopodidae) with the description of four new species. *Systematic Entomology* 21(1996) (4): 353–386
- Rampini L (1975) Descrizione d'una nuova specie della famiglia Dolichopodidae raccolta da A. Giordani Soika al Lido di Volcano (Dipt.). *Bollentino del Museo Civico di Storia Naturale di Venezia* 27: 137–141
- Rampini L, Canzoneri S (1979) Una nuova specie di *Medetera* di Minorca (Diptera, Dolichopodidae). *Bollentino del Museo Civico di Storia Naturale di Venezia* 30: 265–269
- Saigusa T (1984) The genus *Diostracus* from Nepal (Diptera, Dolichopodidae). *Bulletin of the Kitakyushu Museum of Natural History* 5: 1–74
- Takagi S (1965) A contribution to the knowledge of the marine shore Dolichopodidae of Japan (Diptera). *Insecta Matsumurana* 27(2): 49–84, pls 1–16
- Takagi S (1968) The dipterous genus *Diostracus* Loew (Dolichopodidae). *Insecta Matsumurana* 31(5): 35–62, pls 3–18

Ulrich H (1991) Two new genera of parathalassine-like flies from South Africa (Diptera, Empidoidea). *Bonner zoologische Beiträge* 42: 187–216

Family: Empididae

acomodata Wagner & Leese, 2004: 10 (*Chelifera*) – male HT (in alc.)

akatarawa Sinclair & McLellan, 2004: 630 (*Hydropeza*) – 3 males, 3 females PT

alpina Sinclair & Saigusa, 2001: 511 (*Ragas*) – 3 males, 2 females PT

alpina Vaillant, 1981: 368 (*Chelifera*) – male HT

Remarks: Mounted on microscope slide.

appalachia Sinclair, 2008: 147 (*Clinocera*) – 11 males, 13 females PT

asiatica Sinclair & Saigusa, 2005: 194 (*Trichoclinocera*) – 3 males, 3 females PT

bilobatus Wagner & Leese, 2004: 22 (*Roederiodes*) – male HT (in alc.)

brevidigitata Wagner & Leese, 2004: 10 (*Chelifera*) – male HT (in alc.)

brunea Sinclair, 2008: 30 (*Clinocera*) – 1 male, 2 females PT

chitaoides Wagner & Leese, 2004: 13 (*Hemerodromia*) – male HT (in alc.)

ciwatikina Sinclair & Evenhuis, 2005: 4 (*Dolichocephala*) – 2 males, 2 females PT

clarae Sinclair & McLellan, 2004: 633 (*Hydropeza*) – 3 males, 3 females PT

corsicana Vaillant, 1981: 365 (*Chelifera*) – male HT

Remarks: Mounted on microscope slide.

curvata Wagner & Leese, 2004: 7 (*Chelifera*) – male HT (in alc.)

cuspidata, Wagner & Leese, 2004: 16 (*Clinocera*) – male HT (in alc.)

czizeki Barták, 1982: 399 (*Rhamphomyia* s.s.) – 1 female PT

daviesi Sinclair & McLellan, 2004: 634 (*Hydropeza*) – 1 male, 1 female PT

digitata Wagner & Leese, 2004: 10 (*Chelifera*) – male HT (in alc.)

disjuncta Sinclair, 2008: 90 (*Clinocera*) – 3 males, 3 females PT

elongatiodes Wagner & Leese, 2004: 13 (*Hemerodromia*) – male HT (in alc.)

haeselbarthae Wagner & Leese, 2004: 11 (*Chelifera*) – male HT (in alc.)

insueta Wagner & Leese, 2004: 5 (*Chelifera*) – male HT (in alc.)

klapperichi Frey, 1953: 79 (*Rhamphomyia* (*Eorhamphomyia*)) – 1 male, 1 female ST

longicauda Sinclair & Saigusa, 2001: 514 (*Ragas*) – 1 male, 1 female PT

longicercus Wagner & Leese, 2004: 16 (*Clinocera*) – male HT (in alc.)

lunata Wagner & Leese, 2004: 18 (*Clinocera*) – male HT (in alc.)

lunatoides Wagner & Leese, 2004: 18 (*Clinocera*) – male HT (in alc.)

macdonaldi Sinclair, 2008: 135 (*Clinocera*) – 2 males PT

mandarina Frey, 1953: 40 (*Rhamphomyia* (*Planempis*)) – 1 male, 2 females ST

marginetososa Wagner & Leese, 2004: 16 (*Clinocera*) – male HT (in alc.)

milleri Sinclair & McLellan, 2004: 638 (*Hydropeza*) – 1 male, 1 female PT

multisetata Wagner & Leese, 2004: 6 (*Chelifera*) – male HT (in alc.)

naggarensis Wagner & Leese, 2004: 22 (*Roederiodes*) – male HT (in alc.)

naumanni Sinclair & Saigusa, 2005: 201 (*Trichoclinocera*) – 1 male, 1 female PT

nepalensis Sinclair & Saigusa, 2005: 202 (*Trichoclinocera*) – 3 males, 3 females PT

nevadensis Lindner, 1962: 1 (*Rhamphomyia*) – 1 male PLT

Remarks: Barták (1998: 17) identified HT in Stuttgart, but was unaware of additional type material in ZFMK, thus he actually designated a LT.

panesari Wagner & Leese, 2004: 20 (*Dolichocephala*) – male HT

Remarks: Mounted on microscope slide.

paniculata Sinclair & McLellan, 2004: 639 (*Hydropeza*) – 4 females PT

pyrenaica Vaillant, 1981: 384 (*Chelifera*) – male HT; 1 male PT

Remarks: Mounted on microscope slide.

rhombicercus Wagner & Leese, 2004: 7 (*Chelifera*) – male HT (in alc.)

rhomboides Wagner & Leese, 2004: 13 (*Hemerodromia*) – male HT (in alc.)

rotundinota Wagner & Leese, 2004: 20 (*Dolichocephala*) – male HT (in alc.)

rubriventris Sinclair, 2000: 356 (*Clinocera*) – 2 males, 3 females PT

schwoerbeli Wagner & Leese, 2004: 22 (*Roederiodes*) – male HT (in alc.)

serrata Wagner & Leese, 2004: 25 (*Trichoclinocera*) – male HT (in alc.)

serraticauda meridionalis Vaillant, 1981: 373 (*Chelifera*) – male HT

Remarks: Mounted on microscope slides. This specimen likely represents a syntype as the types series consisted of numerous specimens and no holotype was designated. Synonym of *serraticauda* (Horvat 2002).

setitibia Sinclair, 2008: 80 (*Clinocera*) – 2 males, 1 female PT

setosa Wagner & Leese, 2004: 18 (*Clinocera*) – male HT (in alc.)

- sinclairi* Wagner & Leese, 2004: 19 (*Clinocera*) – male HT (in alc.)
- siveci* Wagner & Horvat, 1993: 36 (*Roederiodes*) – 3 males, 3 females (in alc.)
- Remarks:** Assigned to *Clinocerella* Engel.
- spinosa* Wagner & Leese, 2004: 13 (*Hemerodromia*) – male HT (in alc.)
- stauderae* Wagner & Leese, 2004: 8 (*Chelifera*) – male HT (in alc.)
- sublineata* Sinclair, 2008: 142 (*Clinocera*) – 1 female PT
- taiwanensis* Sinclair & Saigusa, 2005: 204 (*Trichoclinocera*) – 36 males, 49 females PT
- vockerothi* Sinclair & McLellan, 2004: 643 (*Hydropeza*) – 6 males, 3 females PT
- wallowa* Sinclair, 2008: 118 (*Clinocera*) – 2 males, 2 females PT
- walutikina* Sinclair & Evenhuis, 2005: 7 (*Dolichocephala*) – 3 males, 3 females PT
- yunnana* Sinclair & Saigusa, 2005: 206 (*Trichoclinocera*) – 12 males, 8 females PT

REFERENCES

- Barták M (1982) The Czechoslovak species of *Rhamphomyia* (Diptera, Empididae), with description of a new species from central Europe. Acta Universitatis Carolinae, Biologica 5–6 (1980): 381–461
- Barták M (1998) *Rhamphomyia* (Diptera: Empididae) from the State Museum of Natural History, Stuttgart, with descriptions of new species. Stuttgarter Beiträge zur Naturkunde 583: 1–26
- Frey R (1953) Neue paläarktische *Rhamphomyia*-Arten. V. Übersicht über die mit der Gattung *Rhamphomyia* Meig. verwandten paläarktischen Empididen-Gattungen. Notulae Entomologicae 33: 72–81
- Horvat B (2002) Taxonomical notes and description of the new *Chelifera* Macquart species (Diptera: Empididae). Scopolia 48: 1–28
- Lindner E (1962) *Rhamphomyia nevadensis* n. sp. (Dipt.). Stuttgarter Beiträge zur Naturkunde 88: 1–3
- Sinclair BJ (2000) Revision of the genus *Clinocera* Meigen from Australia and New Zealand (Diptera: Empididae: Clinocerinae). Invertebrate Taxonomy 14(3): 347–361
- Sinclair BJ (2008) The systematics of New World *Clinocera* Meigen (Diptera: Empididae: Clinocerinae). NRC Research Press, Ottawa. viii + 245 pp
- Sinclair BJ, Evenhuis NL (2005) Two new species of Dolichocephala Macquart from Fiji (Diptera: Empididae: Clinocerinae). Fiji Arthropods II. Bishop Museum Occasional Papers 84: 3–11
- Sinclair BJ, McLellan ID (2004) Revision of the New Zealand species of *Hydropeza* Sinclair (Diptera: Empidoidea: Ragas-group). Invertebrate Systematics 18: 627–647
- Sinclair BJ, Saigusa T (2001) Revision of the world species of *Ragas* Walker (Diptera: Empidoidea). Entomological Science 4(4): 507–522
- Sinclair BJ, Saigusa T (2005) Revision of the *Trichoclinocera dasyscutellum* group from east Asia (Diptera: Empididae: Clinocerinae). Bonner zoologische Beiträge 53(1–2) (2004): 193–209
- Vaillant F (1981) Diptères Empididae Hemerodromiinae nouveaux ou peu connus de la région paléarctique (première partie). Bonner zoologische Beiträge 32(3–4): 351–408
- Wagner R, Horvat B (1993) The genus *Roederiodes* Coquillett, 1901 (Diptera, Empididae: Clinocerinae) in Europe, with descriptions of four new species. Bonner zoologische Beiträge 44: 33–40
- Wagner R, Leese F, Panesar AR (2004) Aquatic dance flies from a small Himalayan stream (Diptera: Empididae: Hemerodromiinae, Trichopezinae and Clinocerinae). Bonner zoologische Beiträge 52(1–2) (2003): 3–31

Family: Glossinidae

- martinii* Zumpt, 1935: 146 (*Glossina*) – 2 females PT

REFERENCES

- Zumpt F (1935) Zur Systematik der *Glossina palpalis*-Gruppe. Archiv für Schiffs- und Tropen-Hygiene, Pathologie und Therapie exostischer Krankheiten 39: 141–156

Family: Hybotidae

- irrorata* Sinclair & Cumming, 2000: 168 (*Apterodromia*) – 1 male PT
- masneri* Sinclair & Cumming, 2007: 31 (*Leptopezella*) – 1 female PT
- nigripennis* Chvála, 1975: 169 (*Dysaletria*) – 1 male, 1 female PT
- schnitteri* Stark, 1996: 301 (*Tachydromia*) – 1 male, 1 female PT (in alc.)
- spinosa* Sinclair & Cumming, 2007: 35 (*Leptopezella*) – 1 male, 1 female PT

REFERENCES

- Chvála M (1975) A revision of the Palaearctic Tachydromiine genus *Dysaletria* Loew (Diptera, Empididae). Věstník Československé Společnosti Zoologické 39: 167–172
- Sinclair BJ, Cumming JM (2000) Revision of the genus *Apterodromia* Oldroyd (Diptera: Empidoidea), with a redefinition of the tribe Ocydromiini. Records of the Australian Museum 52: 161–186
- Sinclair BJ, Cumming JM (2007) *Leptopezella*, a new Southern Hemisphere genus of Ocydromiinae (Diptera: Empidoidea: Hybotidae). Zootaxa 1629: 27–37
- Stark A (1996) Eine neue brachyptere *Tachydromia* aus Deutschland und Diskussion ihres Indikatorwertes für alte Dünengebiete im Binnenland (Diptera, Empidoidea, Hybotidae). Studia dipterologica 3: 300–310

Family: Milichiidae

- glandulifera* Brake & Freidberg, 2003: 279 (*Desmometopa* (*Litometopa*)) – 1 female PT (in alc.)

sabroskyi Brake & Freidberg, 2003: 280 (*Desmometopa* (*Litometopa*)) – 4 females PT (in alc.)

REFERENCES

Brake I, Freidberg A (2003) Revision of *Desmometopa* Loew (*Litometopa* Sabrosky) (Diptera: Milichiidae), with descriptions of six new species. Proceedings of the Entomological Society of Washington 105: 265–282

Family: Muscidae

aestuum Villeneuve, 1902: 197 (*Limnophora*) – 1 male ST

Remarks: Assigned to *Villeneuveia* Schnabl & Dziedzicki (missing head).

leucospila sinica Hennig, 1960: 440 (*Lispe*) – female HT

Remarks: Elevated to species.

lividiventris plumbea Hennig, 1962: 659 (*Alloeostylus*) – male HT; 20 males, 4 females PT

Remarks: Assigned as ssp. under *Thricops lividiventris* (Zett.).

mandschurica Hennig, 1957: 196 (*Helina*) – male HT; 4 females PT

Remarks: Name first appears in the key (Hennig 1957: 150).

REFERENCES

Hennig W (1957) 63b. Muscidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 7(2), Lief. 197: 145–192
 Hennig W (1960) 63b. Muscidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 7(2), Lief. 213: 433–480
 Hennig W (1962) 63b. Muscidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 7(2), Lief. 225: 625–672
 Villeneuve J (1902) Description d'une nouvelle espèce de *Limnophora* vivant au bord la mer. Wiener Entomologische Zeitung 21: 197–198

Family: Mustacinobiidae

zelandica Holloway, 1976: 281 (*Mystacinobia*) – 6 males, 2 females PT (in alc.)

REFERENCES

Holloway BA (1976) A new bat-fly family from New Zealand (Diptera: Mustacinobiidae). New Zealand Journal of Zoology 3: 279–301

Family: Oreoleptidae

torrenticola Zloty, Sinclair & Pritchard, 2005: 256 (*Oreoleptis*) – 1 male, 2 females PT

REFERENCES

Zloty J, Sinclair BJ, Pritchard G (2005) Discovered in our backyards: a new genus and species of a new family from the Rocky Mountains of North America (Diptera, Tabanomorpha). Systematic Entomology 30: 248–266

Family: Phoridae

Types in the Schmitz and Beyer collections are listed separately.

angustifrons Gotô, 1983: 377 (*Crinophleba*) – 3 males 1 female PT

Remarks: Assigned to *Burmophora*.

attae Disney 1996: 1381 (*Neodohrniphora*) – female HT; 2 males, 3 females PT

Remarks: Assigned to *Eibesfeldtphora* by Disney (2009); mounted on microscope slides.

carina Brown 1987: 277 (*Gymnophora*) – 1 male, 1 female PT

citrinella Buck, 2001: 88 (*Megaselia*) – male HT

Remarks: Critical-point dried and glued to side of pin.

dentistylata Buck, 1997: 352 (*Xenotriphleba*) – male HT

Remarks: Genitalia in microvial on same pin.

fulvum Gotô 1984: 76 (*Trophithauma*) – 1 female PT

glabrimargo Buck, 2001: 98 (*Megaselia*) – male HT

Remarks: Mounted on microscope slide.

hexanophila Buck, 2001: 101 (*Megaselia*) – male HT; 10 males, 9 females PT

Remarks: Critical-point dried and glued to side of pin.

labellaspinata Disney, 2001: 105 (*Megaselia*) – 1 male PT

Remarks: Mounted on microscope slide.

lacunifera Gotô, 1984: 166 (*Phora*) – 1 male PT

mimodensior Buck, 2001: 108 (*Megaselia*) – male HT; 1 male, 2 females PT

Remarks: Critical-point dried and glued to side of pin.

perpropinqua Mostovski & Michailovskaya, 2003: 159 (*Gymnophora*) – 1 male PT

prisca Gotô, 1985: 1 (*Phora*) – 3 males, 2 females PT

raruvesiculae Disney, 2001: 115 (*Megaselia*) – 1 male PT

Remarks: Mounted on microscope slide.

xanthophila Buck, 2001: 121 (*Megaselia*) – male HT; 2 males, 3 females PT

Remarks: Critical-point dried and glued to side of pin.

REFERENCES

- Brown BV (1987) Revision of the *Gymnophora* (Diptera: Phoridae) of the Holarctic Region: classification, reconstructed phylogeny and geographic history. *Systematic Entomology* 12: 271–304
- Buck M (1997) A new genus and species of Phoridae (Diptera) from central Europe with remarkably primitive male genitalia. *Entomologica Scandinavica* 28: 351–359
- Buck M, Disney H (2001) Revision of the *Megaselia giraudii* and *M. densior* species complexes of Europe, including ecological notes (Diptera, Phoridae). *Beiträge zur Entomologie*. 51: 73–154
- Disney RHL (1996) A key to Neodohrniphora (Diptera : Phoridae), parasites of leaf-cutter ants (Hymenoptera: Formicidae). *Journal of Natural History* 30: 1377–1389
- Disney RHL, Elizalde L, Folgarait PJ (2009) New species and new records of scuttle flies (Diptera: Phoridae) that parasitize leaf-cutter and army ants (Hymenoptera: Formicidae). *Sociobiology* 54: 601–631
- Gotô T (1983) A new phorid fly of the genus *Crinophleba* from Japan (Diptera, Phoridae). *Kontyû, Tokyo* 51: 376–383
- Gotô T (1984) Systematic study of the genus *Phora* Latreille from Japan (Diptera, Phoridae). *Kontyû, Tokyo* 52: 159–171
- Gotô T (1984) Two new species of the genus *Trophithauma* Schmitz from Japan (Diptera: Phoridae). *Bulletin of the Kitakyushu Museum of Natural History* 5: 75–84
- Gotô T (1985) Systematic Study of the genus *Phora* Latreille from Japan (Diptera, Phoridae) II. Descriptions of four new species. *Kontyû, Tokyo* 53: 1–11
- Mostovski MB, Mikhailovskaya MV (2003) A review of Palearctic *Gymnophora* Macquart (Diptera: Phoridae), with description of new species. *European Journal of Entomology* 100: 153–165

TYPES IN THE SCHMITZ COLLECTION

AL – allotype, CT – cotype, HT – holotype, LT – lectotype, PT – paratype, T – type, ST – syntype, S – microscope slide, P – pinned (* Also in the Beyer collection (pinned))

<i>abditata</i> Schmitz, 1959: 123 (<i>Megaselia</i>) – T	P
<i>achatiniae</i> Cook, 1897: 886 (<i>Wandolleckia</i>) – T, CT	P
<i>aculeata</i> Schmitz, 1919: 142 (<i>Megaselia</i>) – HT, CT, PT	S+P
<i>acuta</i> Schmitz, 1935: 92 (<i>Megaselia</i>) – T, CT	P
<i>adducta</i> Schmitz 1955: 328 (<i>Phora</i>) – PT	P
<i>aequalis</i> Schmitz, 1919: 189 (<i>Triphleba</i>) – HT	P
<i>aequilateralis</i> Schmitz, 1936: 75 (<i>Megaselia</i>) – CT	P
<i>aequimarginata</i> Bridarolli, 1951: 40 (<i>Megaselia</i>) – CT	P
<i>aerea</i> Schmitz 1930: 60 (<i>Phora</i>) – CT	P
<i>aerivaga</i> Schmitz, 1937: 110 (<i>Megaselia</i>) – CT	P
<i>affinis</i> Wood, 1909: 25 (<i>Megaselia</i>) – T, CT	P
<i>afghana</i> Schmitz, 1959: 119 (<i>Megaselia</i>) – T, CT	P
<i>afra</i> Silvestri, 1920: 275 (<i>Ptochomyia</i>) – CT	P
<i>agnata</i> Schmitz, 1926: 50 (<i>Megaselia</i>) – PT	P
<i>albiclava</i> Schmitz, 1926: 79 (<i>Megaselia</i>) – HT	S+P
<i>aliena</i> Malloch, 1924: 356 (<i>Beckerina</i>) – CT	P
<i>alpina</i> Schmitz & Beyer, 1965: 521 (<i>Megaselia</i>) – CT	P
<i>alticola</i> Schmitz, 1958: 52 (<i>Ptochomyia</i>) – PT	S
<i>amapaensis</i> Borgmeier, 1967: 61 (<i>Metopina</i>) – CT	P
<i>americana</i> Schmitz & Wirth, 1954: 124 (<i>Phora</i>) – PT	P
<i>amurensis</i> Schmitz, 1927: 64 (<i>Borophaga</i>) – T	P
<i>analisis</i> Lundbeck, 1920: 30, 35 (<i>Megaselia</i>) – HT, PT	P
<i>androidea</i> Bridarolli, 1951: 62 (<i>Megaselia</i>) – CT	P
<i>angolanus</i> Schmitz, 1955: 35 (<i>Aenigmatistes</i>) – PT, CT	S+P
<i>angularis</i> Schmitz, 1924: 16 (<i>Megaselia</i>) – CT, PT	S+P
<i>angusta</i> Wood, 1909: 193 (<i>Megaselia</i>) – T	P
<i>angustina</i> Schmitz, 1936: 77 (<i>Megaselia</i>) – CT	S
<i>annulipes</i> Schmitz, 1921: 325 (<i>Megaselia</i>) – HT	S
<i>apenninigena</i> Schmitz, 1943: 148 (<i>Triphleba</i>) – HT	P
<i>aphidiforme</i> Schmitz & Mjoberg, 1925: 45 (<i>Rhynchomicropteron</i>) – ST	S
<i>apiogaster</i> Schmitz, 1955: 54 (<i>Syntermitoxenia</i>) – PT	S
<i>apophysata</i> Schmitz, 1940: 56 (<i>Megaselia</i>) – CT, T	S+P
<i>apozona</i> Schmitz, 1936: 78 (<i>Megaselia</i>) – PT, CT	S+P
<i>appendicigera</i> Borgmeier, 1924: 13 (<i>Phalacrotophora</i>) – T	P
<i>aprilina</i> Schmitz, 1918: 35 (<i>Triphleba</i>) – ST	P

<i>aquilonia</i> Schmitz, 1958: 103 (<i>Megaselia</i>) – CT, PT	S+P
<i>ardua</i> Schmitz, 1940: 3 (<i>Megaselia</i>) – CT	P
<i>aristica</i> Schmitz, 1920: 140 (<i>Plastophora</i>) – HT, T	S+P
<i>armata</i> Wood, 1909: 25 (<i>Megaselia</i>) – T, PT	P
<i>arquata</i> Schmitz, 1935: 90 (<i>Megaselia</i>) – T, CT	P
<i>artifrons</i> Schmitz, 1920: 117 (<i>Phora</i>) – LT	P
<i>aspera</i> Schmitz, 1930: 68 (<i>Megaselia</i>) – HT, PT	P
<i>atrosericea</i> Schmitz, 1927: 113 (<i>Megaselia</i>) – ST, CT	S+P
<i>auranticolor</i> Schmitz, 1932: 123 (<i>Phalacrotophora</i>) – T*	P+S
Remarks: Slide in Beyer collection.	
<i>austera</i> Schmitz, 1929: 40 (<i>Megaselia</i>) – PT	P
<i>austrophila</i> Schmitz, 1939: 68 (<i>Antipodiphora</i>) – CT	P
<i>badia</i> Schmitz, 1938: 193 (<i>Megaselia</i>) – HT, CT	S
<i>baltica</i> Schmitz, 1924: 164 (<i>Megaselia</i>) – HT, LT, CT	S+P
<i>basicrinialis</i> Schmitz, 1953: 223 (<i>Megaselia</i>) – AL, T, CT	S+P
<i>berndeseni</i> Schmitz, 1919: 118 (<i>Megaselia</i>) – T, PT	P
<i>beyeri</i> Schmitz, 1965: 525 (<i>Megaselia</i>) – CT	S+P
<i>bifida</i> Schmitz, 1949: 195 (<i>Triphleba</i>) – PT	S
<i>bistruncata</i> Schmitz, 1936: 79 (<i>Megaselia</i>) – CT	P
<i>blattiformis</i> Schmitz, 1933: 35 (<i>Aenigmatistes</i>) – PT	S+P
<i>braueri</i> Strobl, 1880: 40 (<i>Metopina</i>) – T	P
<i>braunsi</i> Wasmann, 1900: 611 (<i>Termitophilomyia</i>) – CT	S
<i>brevicauda</i> Schmitz, 1925: 23 (<i>Pseuaceton</i>) – ST, T, PT	S+P
<i>breviceps</i> Schmitz, 1939: 113 (<i>Aphiura</i>) – CT	P
<i>brevicornis</i> Schmitz, 1939: 76 (<i>Antipodiphora</i>) – CT	P
<i>brevicostalis</i> Wood, 1910: 246 (<i>Megaselia</i>) – HT	S
<i>brevior</i> Schmitz, 1924: 130 (<i>Megaselia</i>) – HT	S+P
<i>brevipalpis</i> Schmitz, 1935: 161 (<i>Spiniphora</i>) – T, PT	P
<i>brevirostris</i> Schmitz, 1915: 35 (<i>Odontoxenia</i>) – PT, CT	S+P
<i>brevissima</i> Schmitz, 1924: 85 (<i>Megaselia</i>) – HT	S
<i>breviterga</i> Lundbeck, 1921: 33 (<i>Megaselia</i>) – CT	P
<i>brumalis</i> Schmitz, 1943: 154 (<i>Triphleba</i>) – HT	P
<i>brunnea</i> Schmitz, 1920: 136 (<i>Megaselia</i>) – PT	P
<i>bucki</i> Schmitz, 1927: 73 (<i>Cataclinusa</i>) – PT	P
<i>bullata</i> Schmitz, 1927: 158 (<i>Phora</i>) – PT	P
<i>hybrida</i> Schmitz, 1939: 187 (<i>Megaselia</i>) – PT, T	S+P
<i>caecutiens</i> Schmitz, 1914: 519 (<i>Rhynchomicropteron</i>) – T	S
<i>calva</i> Schmitz, 1951: 163 (<i>Puliciphora</i>) – PT	S
<i>camponoti</i> Schmitz, 1934: 145 (<i>Menoziola</i>) – HT	S
<i>capillosa</i> Schmitz, 1933: 1 (<i>Phora</i>) – PT	P
<i>capronata</i> Schmitz, 1940: 51 (<i>Megaselia</i>) – LT, CT	S+P
<i>carlina</i> Schmitz, 1930: 59 (<i>Phora</i>) – LT, PLT	P
<i>caudatarius</i> Schmitz, 1915: 328 (<i>Apocephalus</i>) – CT	P
<i>ciliatula</i> Schmitz, 1957: 431 (<i>Megaselia</i>) – T	S+P
<i>cilipes</i> Schmitz, 1927: 92 (<i>Aenigmatistes</i>) – HT	S
<i>cinerea</i> Schmitz, 1938: 8 (<i>Megaselia</i>) – T, CT	P
<i>cinereifrons</i> Strobl, 1910: 124 (<i>Megaselia</i>) – PT	S
<i>cinereifrons</i> Strobl, 1910: 124 (<i>Megaselia</i>) – T	P
<i>cirratula</i> Schmitz, 1948: 396 (<i>Megaselia</i>) – T	P
<i>cirriventris</i> Schmitz, 1929: 86 (<i>Megaselia</i>) – T	P
<i>cisalpina</i> Schmitz, 1935: 82 (<i>Conicera</i>) – T, PT	S+P
<i>clara</i> Schmitz, 1921: 320 (<i>Megaselia</i>) – AL	S
<i>claripennis</i> Bridarolli, 1951: 45 (<i>Megaselia</i>) – CT	P
<i>coaetanea</i> Schmitz, 1929: 126 (<i>Megaselia</i>) – PT	S+P
<i>cochlearipalpis</i> Speiser 1908: 145 (<i>Kuenburgia</i>) – T	
Remarks: As <i>Nossibea cochlearipalpis</i> .	P

<i>coei</i> Schmitz, 1938: 9 (<i>Megaselia</i>) – CT	P
<i>collini</i> Schmitz, 1943: 156 (<i>Triphleba</i>) – T, PT	S+P
<i>colyeri</i> Schmitz, 1958: 19 (<i>Aenigmatopoeus</i>) – PT, CT	S+P
<i>communiformis</i> Schmitz, 1918: 139, 149 (<i>Megaselia</i>) – T	S+P
<i>compacta</i> Schmitz, 1940: 53 (<i>Megaselia</i>) – HT, PT	S+P
<i>conformipar</i> Schmitz, 1958: 505 (<i>Megaselia</i>) – PT, CT, T	S+P
<i>confortata</i> Schmitz, 1929: 41 (<i>Megaselia</i>) – PT	P
<i>congrua</i> Schmitz, 1926: 52 (<i>Megaselia</i>) – HT	S
<i>consetigera</i> Schmitz, 1925: 122 (<i>Megaselia</i>) – T	S+P
<i>consimilis</i> Lundbeck, 1920: 11 (<i>Megaselia</i>) – CT	P
<i>constrictior</i> Schmitz, 1929: 126 (<i>Megaselia</i>) – HT	S+P
<i>convallium</i> Schmitz, 1928: 132 (<i>Phora</i>) – LT, PLT	P
<i>cornigera</i> Beyer, 1958: 19 (<i>Borophaga</i>) – CT*	P+S
Remarks: Slide in Beyer collection.	
<i>crassinervis</i> Schmitz, 1920: 115 (<i>Metopina</i>) – T	S+P
<i>crassivenia</i> Schmitz, 1927: 132 (<i>Megaselia</i>) – HT	P
<i>crinita</i> Schmitz, 1939: 16 (<i>Megaselia</i>) – PT, CT	S+P
<i>cryptopalpis</i> Borgmeier, 1960: 301 (<i>Calamiscus</i>) – CT	P
<i>curtineura</i> (Brues), 1909: 6 (<i>Megaselia</i>) HT, T	S+P
<i>curvicapilla</i> Schmitz, 1947: 118 (<i>Megaselia</i>) – CT, PT	P
<i>curvivenia</i> Schmitz, 1928: 35 (<i>Megaselia</i>) – PT	S+P
<i>daemon</i> Bridarolli, 1951: 46 (<i>Megaselia</i>) – CT	P
<i>deltomera</i> Schmitz, 1924: 84 (<i>Megaselia</i>) – HT	S
<i>densior</i> Schmitz, 1927: 131 (<i>Megaselia</i>) – CT, ST	S+P
<i>dentata</i> Schmitz, 1943: 158 (<i>Triphleba</i>) – T, CT	P
<i>destituta</i> Disney, 1999: 244 (<i>Puliciphora</i>) – HT, PT	S
<i>devia</i> Schmitz, 1936: 193 (<i>Megaselia</i>) – HT, T	S+P
<i>differens</i> Schmitz, 1948: 394 (<i>Megaselia</i>) – HT	S
<i>digitalis</i> Borgmeier, 1925: 232 (<i>Syneura</i>) – PT	P
<i>digitalis</i> Schmitz, 1957: 189 (<i>Megaselia</i>) – CT	P
<i>dimidia</i> Schmitz, 1926: 107 (<i>Megaselia</i>) – HT, PT, CT	S+p
<i>diptychogastra</i> Schmitz, 1940: 23 (<i>Pericyclocera</i>) – ST	S
<i>disparinervis</i> Schmitz, 1947: 94 (<i>Triphleba</i>) – HT, PT	S+P
<i>dissitum</i> Schmitz, 1925: 40 (<i>Trophithauma</i>) – HT	S
<i>dohniphoroidea</i> Assmuth, 1919: 198 (<i>Diplonevra</i>) – CT	P
<i>dolichoptera</i> Bridarolli, 1937: 73 (<i>Megaselia</i>) – CT*	P
<i>doryphora</i> Schmitz, 1957: 431 (<i>Megaselia</i>) – PT, T	S+P
<i>dudai</i> Schmitz, 1918: 379 (<i>Triphleba</i>) – T	P
<i>eccoptomera</i> Schmitz, 1927: 115 (<i>Megaselia</i>) – HT, CT	S+P
<i>edentata</i> Schmitz, 1920: 121 (<i>Phora</i>) – LT, PLT	P
<i>eidmanni</i> Schmitz, 1941: 78 (<i>Euryplatea</i>) – PT	P
<i>eisfelderæ</i> Schmitz, 1948: 42 (<i>Megaselia</i>) – HT	P
<i>elongata</i> Wood, 1914: 153 (<i>Megaselia</i>) – PT	P
<i>elongatus</i> Schmitz, 1950: 21 (<i>Chonocephalus</i>) – HT, PT	S
<i>eminens</i> Beyer, 1958: 21 (<i>Borophaga</i>) – CT*	P
<i>eminens</i> Schmitz, 1953: 219 (<i>Megaselia</i>) – PT, T, CT	S+P
<i>equitans</i> Schmitz, 1939: 43 (<i>Plastophora</i>) – CT	P
<i>eupygis</i> Schmitz, 1929: 125 (<i>Megaselia</i>) – HT	S
<i>euryprocta</i> Schmitz, 1957: 234 (<i>Megaselia</i>) – PT, T, CT	S+P
<i>exangulata</i> Schmitz, 1947: 116 (<i>Megaselia</i>) – HT	S+P
<i>exarcuata</i> Schmitz, 1927: 130 (<i>Megaselia</i>) – HT	S
<i>excavata</i> Schmitz, 1927: 131 (<i>Megaselia</i>) – HT, CT	S+P
<i>excisa</i> Lundbeck, 1921: 130 (<i>Triphleba</i>) – T, PT	P
<i>exenterans</i> Schmitz, 1938: 375–394 (<i>Misotermes</i>) – HT, CT	P
<i>exilis</i> Schmitz, 1958: 13, 16 (<i>Penthaplus</i>) – PT	S
<i>extravagans</i> Schmitz, 1929: 31 (<i>Dicranodeina</i>) – PT	S

<i>feronia</i> Schmitz, 1934: 87 (<i>Megaselia</i>) – HT, T	S+P
<i>filamentosa</i> Schmitz, 1958: 475 (<i>Megaselia</i>) – HT	S
<i>fischeri</i> Schmitz, 1942: 11 (<i>Megaselia</i>) – HT	P
Remarks: Synonymized with <i>sepulchralis</i> .	
<i>flavicans</i> Schmitz, 1935: 178 (<i>Megaselia</i>) – T	P
<i>fletcheri</i> Wasmann, 1913: 17 (<i>Termitosphaera</i>) – PT	S
<i>floricola</i> Schmitz, 1938: 184 (<i>Conicera</i>) – T	P
<i>formicarum</i> Verrall, 1877: 258 (<i>Pseudacetone</i>) – HT, PT	P
<i>formicomendicola</i> Schmitz, 1927: 243 (<i>Metopina</i>) – ST	S
<i>formosensis</i> Brues, 1911: 539 (<i>Conicera</i>) – CT	P
<i>forsiusi</i> Schmitz, 1927: 110 (<i>Microselia</i>) – HT	P
<i>fortimana</i> Schmitz, 1943: 165 (<i>Triphleba</i>) – T, CT	P
<i>fortinervis</i> Schmitz, 1926: 51 (<i>Megaselia</i>) – HT	S
<i>frameata</i> Schmitz, 1927: 113 (<i>Megaselia</i>) – ST, T, CT	S+P
<i>fransseni</i> Schmitz, 1933: 102 (<i>Javanoxenia</i>) – HT, PT, T	S+P
<i>franzi</i> Schmitz, 1950: 107 (<i>Aenigmatias</i>) – HT	S
<i>freyi</i> Schmitz, 1927: 70 (<i>Diplonevra</i>) – HT	S
<i>funebri</i> Meigen, 1830: 221 (<i>Diplonevra</i>) – T	P
<i>funeralis</i> Schmitz, 1928: 32 (<i>Megaselia</i>) – PT	S
<i>furcatipennis</i> Schmitz, 1934: 102 (<i>Megaselia</i>) – HT	S
<i>furva</i> Schmitz, 1929: 116 (<i>Megaselia</i>) – PT, T	S+P
<i>fusciclava</i> Schmitz, 1935: 82 (<i>Megaselia</i>) – T*	P
<i>fuscinula</i> Schmitz, 1926: 84 (<i>Megaselia</i>) – T, PT	S+P
<i>fuscooides</i> Schmitz, 1934: 101 (<i>Megaselia</i>) – T	P
<i>fuscopleuralis</i> Schmitz, 1929: 115 (<i>Megaselia</i>) – T, CT	S+P
<i>fuscovariana</i> Schmitz, 1933: 99 (<i>Megaselia</i>) – HT, PT, CT	S+P
<i>galeata</i> Haliday, 1833: 179 (<i>Metopina</i>) – T	P
<i>gargarans</i> Schmitz, 1948: 393 (<i>Megaselia</i>) – HT, PT, T, CT*	S+P
<i>gemina</i> Schmitz, 1958: 488 (<i>Megaselia</i>) – PT, T	S+P
<i>genitalis</i> Schmitz, 1940: 78 (<i>Spiniphora</i>) – CT	P
<i>germanica</i> Schmitz, 1918: 114 (<i>Borophaga</i>) – T	P
<i>gilvipes</i> Schmitz, 1943: 166 (<i>Triphleba</i>) – T	P
<i>glabra</i> Schmitz, 1927: 72 (<i>Diplonevra</i>) – T	P
<i>globicornis</i> Schmitz, 1948: 391 (<i>Megaselia</i>) – T	P
<i>grata</i> Schmitz 1939: 34 (<i>Kierania</i>) – CT	P
<i>gratiosa</i> Schmitz, 1939: 11 (<i>Megaselia</i>) – HT, CT	S+P
<i>grisaria</i> Schmitz, 1933: 3 (<i>Megaselia</i>) – PT, CT	S+P
<i>hamata</i> Schmitz, 1927: 157 (<i>Phora</i>) – LT	P
<i>haviglandi</i> Wasmann, 1900: 601 (<i>Termitoxenia</i>) – CT	P
<i>hawaiiensis</i> Colyer, 1956: 233 (<i>Conicera</i>) – PT	P
<i>henrichi</i> Schmitz, 1934: LX (<i>Triphleba</i>) – PL	P
<i>heselhausi</i> Schmitz, 1924: 91 (<i>Metopina</i>) – HT	S
<i>hibernans</i> Schmitz, 1934: LX (<i>Megaselia</i>) – HT, CT, T	S+P
<i>hibernica</i> Schmitz, 1938: 190 (<i>Megaselia</i>) – PT	P
<i>hilaris</i> Schmitz, 1927: 144 (<i>Megaselia</i>) – HT, T	S+P
<i>hirticrus</i> Schmitz, 1918: 62 (<i>Megaselia</i>) – CT, T	P
<i>holosericea</i> Schmitz, 1920: 121 (<i>Phora</i>) – LT, PLT	P
<i>horrida</i> Schmitz, 1920: 115 (<i>Phora</i>) – T, CT	P
<i>hyalinata</i> Meigen, 1830: 222 (<i>Triphleba</i>) – PT	P
<i>hyperborea</i> Schmitz, 1927: 156 (<i>Phora</i>) – LT, PLT	P
<i>hypopygialis</i> Schmitz, 1918: 34 (<i>Triphleba</i>) – HT, T	P
<i>imberbis</i> Schmitz, 1934: 65 (<i>Megaselia</i>) – CT	S+P
<i>impariseta</i> Bridarolli, 1937: 68 (<i>Megaselia</i>) – CT	P
<i>impinguata</i> Schmitz, 1935: 88 (<i>Megaselia</i>) – PT	S
<i>impolluta</i> Schmitz, 1920: 116 (<i>Megaselia</i>) – ST	S+P
<i>inaequalis</i> Schmitz, 1927: 244 (<i>Metopina</i>) – HT	S

<i>inaequalis</i> Schmitz, 1943: 172 (<i>Triphleba</i>) – T	P
<i>incompressa</i> Beyer, 1965: 583 (<i>Megaselia</i>) – ST, PT	S+P
<i>incomptus</i> Schmitz, 1927: 111 (<i>Acanthophorides</i>) – HT	P
<i>incongruens</i> Schmitz, 1940: 119 (<i>Megaselia</i>) – T	S
<i>incrassaticosta</i> Bridarolli, 1951: 24 (<i>Megaselia</i>) – T	S
<i>indigesta</i> Schmitz, 1920: 143 (<i>Megaselia</i>) – T	S+P
<i>indivisa</i> Schmitz, 1948: 112 (<i>Phora</i>) – T	P
Remarks: Genitalia dissected, in microvial.	
<i>inermis</i> Schmitz, 1944: 51 (<i>Billotia</i>) – PT	P
<i>inquinata</i> Schmitz, 1953: 225 (<i>Megaselia</i>) – T, CT	P
<i>insecta</i> Schmitz, 1953: 207 (<i>Megaselia</i>) – CT, PT	P
<i>integralis</i> Schmitz, 1920: 133 (<i>Gymnophora</i>) – HT	P
<i>intempesta</i> Schmitz, 1918: 74 (<i>Triphleba</i>) – LT	P
<i>intergeriva</i> Schmitz, 1948: 397 (<i>Megaselia</i>) – T	P
<i>intersecta</i> Schmitz, 1935: 13 (<i>Megaselia</i>) – HT, PT	S+P
<i>intonsa</i> Schmitz, 1948: 390 (<i>Megaselia</i>) – PT	S+P
<i>japonicus</i> Schmitz, 1941: 82 (<i>Conocephalus</i>) – T	S
<i>jochiana</i> Schmitz, 1957: 432 (<i>Megaselia</i>) – PT	S+P
<i>kohli</i> Schmitz, 1915: 487 (<i>Aenigmatopoeus</i>) – PT	S
<i>kolana</i> Schmitz, 1928: 33 (<i>Megaselia</i>) – T	P
<i>kuenburgi</i> Schmitz, 1956: 384 (<i>Woodiphora</i>) – T, PT	P
<i>lactipennis</i> Lundbeck, 1920: 24 (<i>Megaselia</i>) – LT	S
<i>lamellatus</i> Borgmeier, 1926: 49 (<i>Apocephalus</i>) – T	P
<i>lanceolata</i> Brues, 1924: 211 (<i>Megaselia</i>) – ST, PT	S+P
<i>languescens</i> Schmitz, 1924: 83 (<i>Megaselia</i>) – LT, ST, T	S+P
<i>lapponica</i> Schmitz, 1928: 32 (<i>Megaselia</i>) – PT	S+P
<i>largifrontalis</i> Schmitz, 1939: 189 (<i>Megaselia</i>) – PT	S+P
<i>lateralis</i> Schmitz, 1926: 53 (<i>Megaselia</i>) – PT	P
<i>latericia</i> Schmitz, 1935: 15 (<i>Megaselia</i>) – HT, PT	P
<i>laticrus</i> Schmitz, 1927: 116 (<i>Megaselia</i>) – T	S
<i>laticrus</i> Schmitz, 1936: 195 (<i>Megaselia</i>) – CT, T	S+P
<i>latipes</i> Borgmeier, 1933: 263 (<i>Megaselia</i>) – CT	P
<i>leleupi</i> Schmitz, 1955: 49 (<i>Termitophilomyia</i>) – PT, CT	S+P
<i>leucozona</i> Schmitz, 1930: 67 (<i>Megaselia</i>) – HT	S+P
<i>lichtwardti</i> Schmitz, 1920: 129 (<i>Tubicera</i>) – HT	P
<i>limburgensis</i> Schmitz, 1918: 57 (<i>Megaselia</i>) – T, CT	P
<i>limpida</i> Schmitz, 1935: 81 (<i>Phora</i>) – T, CT	P
<i>longicostalis</i> Wood, 1912: 171 (<i>Megaselia</i>) – CT	S
<i>longiseta</i> Schmitz, 1939: 112 (<i>Macroselia</i>) – PT, CT	S+P
<i>lucifrons</i> Schmitz, 1918: 58 (<i>Megaselia</i>) – T, CT	S+P
<i>luisieri</i> Schmitz, 1939: 13 (<i>Megaselia</i>) – T, CT, PT	S+P
<i>luminifrons</i> Schmitz, 1926: 80 (<i>Megaselia</i>) – T, CT	S+P
<i>luminosa</i> Schmitz, 1952: 367 (<i>Megaselia</i>) – PT	P
<i>lundbecki</i> Schmitz, 1924: 138 (<i>Pseudaceton</i>) – HT, T, PT	S
<i>lusitanus</i> Schmitz, 1938: 166 (<i>Pseudaceton</i>) – HT	P+S
<i>luteifasciata</i> Borgmeier, 1925: 165 (<i>Megaselia</i>) – PT	P
<i>luteifrons</i> (Borgmeier, 1923: 331 <i>Dohrniphora</i>) – CT	S
<i>luteihalteratus</i> Borgmeier, 1923: 957 (<i>Apocephalus</i>) – PT	P
<i>luteipalpis</i> Schmitz, 1923: LXXIX (<i>Ecitophora</i>) – PT	P
<i>luteipes</i> Schmitz, 1918: 60 (<i>Megaselia</i>) – T	P
<i>luteiventris</i> Schmitz, 1952: 178 (<i>Gymnophora</i>) – PT	P
<i>lutella</i> Schmitz, 1929: 124 (<i>Megaselia</i>) – PT	P
<i>luteoides</i> Schmitz, 1926: 54 (<i>Megaselia</i>) – PT	P
<i>machadoi</i> Schmitz, 1958: 32 (<i>Arrenaptenus</i>) – CT	P
<i>madagascarensis</i> Schmitz, 1915: 490 (<i>Euryphora</i>) – PT	P
<i>major</i> Schmitz, 1932: 115 (<i>Stichilus</i>) – T	P

<i>manicata</i> Wood, 1910: 246 (<i>Megaselia</i>) – T, CT	P
<i>manualis</i> Malloch, 1912: 457 (<i>Megaselia</i>) – T	S
<i>marina</i> Schmitz, 1937: 121 (<i>Megaselia</i>) – T	S
<i>melanostola</i> Schmitz, 1942: 12 (<i>Megaselia</i>) – HT, T	S+P
<i>memorabilis</i> Schmitz, 1927: 99 (<i>Veruanus</i>) – HT	S
<i>mendesi</i> Schmitz, 1938: 175 (<i>Lepta</i>) – PT	P
<i>meneghetii</i> Schmitz, 1951: 164 (<i>Puliciphora</i>) – PT	S
<i>mergelsbergi</i> Schmitz, 1936: 39 (<i>Termitostroma</i>) – HT	S
<i>michaelis</i> Schmitz, 1915: 107 (<i>Megaselia</i>) – T	P
<i>miki</i> Schmitz, 1929: 127 (<i>Megaselia</i>) – ST, PT	S+P
<i>minima</i> Schmitz 1927 (<i>Diplonevra</i>) – T	P
<i>minor</i> Beyer, 1958: 20 (<i>Borophaga</i>) – CT*	P
<i>minor</i> Zetterstedt, 1848: 2864 (<i>Megaselia</i>) – PT	P
<i>minuscula</i> Schmitz, 1953: 290 (<i>Conicera</i>) – T, CT	P
<i>mirabilis</i> Wasmann, 1900: 610 (<i>Termitomyia</i>) – CT	P
<i>mirifica</i> Schmitz, 1939: 35–36 (<i>Bothroprosopa</i>) – T*	P
<i>mixta</i> Schmitz, 1918: 61 (<i>Megaselia</i>) – T	S+P
<i>montana</i> Schmitz, 1935: 89 (<i>Megaselia</i>) – HT, T	S+P
<i>nasoni</i> Malloch, 1914: 58 (<i>Megaselia</i>) – T, PT, CT	P
<i>natalensis</i> Schmitz, 1927: 68, 73 (<i>Brachyselia</i>) – PT	P
<i>neotropica</i> Brues, 1919: 503 (<i>Beckerina</i>) – PT*	P+S
Remarks: Slide in Beyer collection.	
<i>nepenthina</i> Schmitz, 1955: 65 (<i>Megaselia</i>) – PT, CT, T	S+P
<i>nevadae</i> Schmitz, 1957: 242 (<i>Metopina</i>) – HT, PT, AL, T, CT	S+P
<i>niger</i> Schmitz, 1939: 99 (<i>Tarsocrates</i>) – CT	P
<i>nigra</i> Meigen, 1830: 218 (<i>Megaselia</i>) – T	P
<i>nigrans</i> Schmitz, 1935: 57 (<i>Megaselia</i>) – HT, PT, CT	S+P
<i>nigriceps</i> Loew, 1866: 53 (<i>Megaselia</i>) – T	P
<i>nigrifemorata</i> Santos Abreu, 1921: 44 (<i>Megaselia</i>) – HT, T	S+P
<i>nigrita</i> Schmitz, 1932: 119 (<i>Phalacrotophora</i>) – T	P
<i>nigriventris</i> Borgmeier, 1959: 194 (<i>Edaphomyia</i>) – CT	P
<i>nipponica</i> Schmitz, 1951: 145 (<i>Triphleba</i>) – T	P
<i>nobilis</i> Schmitz, 1933: 44 (<i>Plethysmochaeta</i>) – PT	P
<i>norica</i> Schmitz, 1929: 129 (<i>Megaselia</i>) – HT	P
<i>novembrina</i> Schmitz, 1943: 180 (<i>Triphleba</i>) – T, CT	P
<i>oblongifrons</i> Schmitz, 1939: 181 (<i>Megaselia</i>) – HT, T	S+P
<i>obscura</i> Zetterstedt, 1848: 2884 (<i>Phora</i>) – T, CT	P
<i>obscurior</i> Schmitz 1939: 88 (<i>Palpocrates</i>) – CT	P
<i>obscuripes</i> Schmitz, 1927: 98 (<i>Menoziola</i>) – HT	S
<i>obscurus</i> Borgmeier, 1923: 958 (<i>Apocephalus</i>) – PT	P
<i>occidentata</i> Malloch, 1912: 438 (<i>Phora</i>) – ST, PT, T	P
<i>ocelliscaptus</i> Schmitz, 1955: 48 (<i>Aenigmatius</i>) – PT	P
<i>ochripes</i> Schmitz, 1953: 206 (<i>Megaselia</i>) – PT, CT, NT	S+P
<i>ocilferia</i> Schmitz, 1939: 184 (<i>Megaselia</i>) – HT	P
<i>offuscata</i> Schmitz, 1921: 4 (<i>Megaselia</i>) – LT, PT, T	S+P
<i>oldenbergi</i> Schmitz, 1919: 191 (<i>Vervanus</i>) – T	P
<i>oligoneura</i> Mik, 1867: 414 (<i>Metopina</i>) – PT	S
<i>opacicornis</i> Schmitz, 1949: 79 (<i>Megaselia</i>) – HT	S
<i>orbicularis</i> Schmitz, 1914: 536 (<i>Aenigmatopoeus</i>) – T	S
<i>orientalis</i> Beyer, 1958: 20 (<i>Borophaga</i>) – CT*	P
<i>orientalis</i> Schmitz, 1926: 50 (<i>Woodiphora</i>) – HT, T	S+P
<i>oudemansi</i> Schmitz, 1932: 126 (<i>Phalacrotophora</i>) – T	P
<i>oxybelorum</i> Schmitz, 1928: 131 (<i>Megaselia</i>) – ST	S
<i>pachycera</i> Schmitz 1927 (<i>Diplonevra</i>) – LT	P
<i>pachydactyla</i> Schmitz, 1953: 221 (<i>Megaselia</i>) – PT, T, CT	S+P
<i>palaestinensis</i> Enderlein, 1933: 208 (<i>Megaselia</i>) – PT	P

<i>palliat</i> Schmitz, 1958: 40 (<i>Morahania</i>) – CT	P
<i>pallicauda</i> Schmitz, 1934: 152 (<i>Puliciphora</i>) – HT	S
<i>palpatus</i> Schmitz, 1938: 169 (<i>Pseudaceton</i>) – PT	P
<i>paolii</i> Schmitz, 1928: 11 (<i>Dohrniphora</i>) – HT, PT	S
<i>paradoxa</i> Schmitz, 1949: 78 (<i>Phalacrotophora</i>) – HT, T	S+P
<i>parumlevata</i> Schmitz, 1936: 80 (<i>Megaselia</i>) – HT, PT	S
<i>parvula</i> Schmitz, 1927: 95 (<i>Woodiphora</i>) – CT	P
<i>patrizii</i> Schmitz, 1951: 130 (<i>Psyllomyia</i>) – PT	S
<i>pauxilla</i> Schmitz, 1920: 108 (<i>Conicera</i>) – HT, CT	P
<i>pectinifera</i> Schmitz, 1926: 103 (<i>Megaselia</i>) – HT	S+P
<i>pectoralis</i> Wood, 1910: 153 (<i>Megaselia</i>) – CT	P
<i>pectorella</i> Schmitz, 1929: 116 (<i>Megaselia</i>) – PT, ST, T	S+P
<i>pectunculata</i> Schmitz, 1927: 130 (<i>Megaselia</i>) – HT, CT	P
<i>pedatella</i> Schmitz, 1926: 78 (<i>Megaselia</i>) – PT*	P+S
Remarks: Slide in Beyer collection.	
<i>penicillata</i> Borgmeier, 1925: 146 (<i>Megaselia</i>) – PT	P
<i>penicillata</i> Schmitz, 1920: 122 (<i>Phora</i>) – ST	P
<i>perdistans</i> Schmitz, 1924: 17 (<i>Megaselia</i>) – T, PT	P
<i>perfusca</i> Schmitz, 1935: 78 (<i>Megaselia</i>) – T	P
<i>persecutrix</i> Schmitz, 1932: 129 (<i>Plastophora</i>) – ST, PT	S+P
<i>philoterme</i> Schmitz, 1931: 176 (<i>Dicranopteron</i>) – HT	P
<i>phoenicura</i> Schmitz, 1926: 81 (<i>Megaselia</i>) – PLT	S
<i>picipes</i> Schmitz, 1927: 93 (<i>Aenigmatias</i>) – HT	S
<i>pileata</i> Schmitz, 1936: 115 (<i>Metopina</i>) – PT, T	S
<i>piliventris</i> Borgmeier, 1925: 186 (<i>Apocephalus</i>) – PT	P
<i>pilosella</i> Schmitz 1927:68 (<i>Diplonevra</i>) – T	P
<i>pilosior</i> Schmitz, 1955: 230 (<i>Thaumatoxena</i>) – PT	S
<i>pinguissima</i> Schmitz, 1936: 38 (<i>Termitoscrofa</i>) – CT	P
<i>platypalpis</i> Borgmeier, 1925: 164 (<i>Apocephalus</i>) – PT	P
<i>pollex</i> Schmitz, 1937: 124 (<i>Megaselia</i>) – T, CT	P+S
<i>portentum</i> Schmitz, 1925: 40 (<i>Trophithauma</i>) – T	S
<i>posticata</i> Strobl, 1898: 591 (<i>Megaselia</i>) – T	P
<i>praeacuta</i> Schmitz, 1919: 115 (<i>Megaselia</i>) – HT	S
<i>praepandens</i> Schmitz, 1927: 153 (<i>Phora</i>) – ST, PT, LT, PLT	S+P
<i>pressifrons</i> Schmitz, 1929: 37 (<i>Megaselia</i>) – PT	P
<i>prolongata</i> Schmitz, 1954: 610 (<i>Megaselia</i>) – CT	P
<i>prorsa</i> Schmitz, 1926: 75 (<i>Woodiphora</i>) – PT	P
<i>protarsalis</i> Schmitz, 1927: 114 (<i>Megaselia</i>) – PT, T, CT	P
<i>pubecula</i> Schmitz, 1927: 116 (<i>Megaselia</i>) – ST, T, CT	S+P
<i>pubipes</i> Schmitz, 1920: 123 (<i>Phora</i>) – ST	P
<i>pulcherrima</i> Santos Abreu, 1921: 20 (<i>Megaselia</i>) – T	P
<i>punctifrons</i> Brues, 1924: 207 (<i>Phalacrotophora</i>) – HT, AT*	P+S
Remarks: Slide in Beyer collection.	
<i>quadrinaculata</i> Schmitz, 1926: 49 (<i>Phalacrotophora</i>) – HT, T*	P+S
Remarks: Slide in Beyer collection.	
<i>quadriseta</i> Schmitz, 1941: 34 (<i>Megaselia</i>) – HT, PT	S
<i>raetica</i> Schmitz, 1934: 20 (<i>Megaselia</i>) – HT, PT	S+P
<i>reichenspergeri</i> Schmitz, 1951: 79 (<i>Termitostroma</i>) – PT	S
<i>reichenspergeri</i> Borgmeier, 1923: 178 (<i>Homalophora</i>) – PT	P
<i>renidens</i> Schmitz, 1927: 36 (<i>Triphleba</i>) – T, CT	P
<i>rivalis</i> Wood, 1909: 26 (<i>Megaselia</i>) – T, CT	P
<i>robusta</i> Schmitz, 1928: 30 (<i>Megaselia</i>) – HT, CT	S+P
<i>romphaea</i> Schmitz, 1947: 114 (<i>Plastophora</i>) – HT, ST	S+P
<i>rostratum</i> Schmitz, 1924: 300 (<i>Assmutherium</i>) – ST, T	S+P
<i>rubella</i> Schmitz, 1920: 148 (<i>Megaselia</i>) – CT, PT	S+P
<i>rubicornis</i> Schmitz, 1919: 193 (<i>Megaselia</i>) – HT	S

<i>rufa</i> Wood, 1908: 170 (<i>Megaselia</i>) – T	P
<i>rufipalpis</i> Schmitz 1939: 86 (<i>Palpocrates</i>) – CT	P
<i>rufithorax</i> Schmitz, 1939: 98 (<i>Triphleba</i>) – CT	P
<i>rupestris</i> Schmitz, 1934: 30 (<i>Megaselia</i>) – HT	S+P
<i>ruralis</i> Schmitz, 1937: 120 (<i>Megaselia</i>) – HT	S
<i>sanguinea</i> Schmitz, 1922: 98 (<i>Megaselia</i>) – HT	S
<i>scabra</i> Schmitz, 1926: 56 (<i>Megaselia</i>) – T, PT	S+P
<i>scalaris</i> Loew, 1866: 53 (<i>Megaselia</i>) – T	P
<i>schmitzi</i> Menozzi, 1921: 70 (<i>Menoziola</i>) – HT	S
<i>schmitzi</i> Reichensperger, 1931: 299 (<i>Termitostroma</i>) – LT, CT	S+P
<i>schnittmanni</i> Schmitz, 1926: 126 (<i>Conicera</i>) – CT, PT	P
<i>schutti</i> Schmitz, 1936: 190 (<i>Megaselia</i>) – HT, T	S+P
<i>secundus</i> Schmitz, 1928: 102 (<i>Chonocephalus</i>) – LT	S
<i>semifurcata</i> Borgmeier, 1923: 629 (<i>Chaetopleurophora</i>) – PT	P
<i>semilutea</i> Schmitz, 1953: 308 (<i>Plethysmochaeta</i>) – CT	P+S
<i>septentrionalis</i> Schmitz, 1919: 194 (<i>Megaselia</i>) – HT	S
<i>serialis</i> Schmitz, 1938: 165 (<i>Menoziola</i>) – H	P
<i>sesquicornis</i> Schmitz 1927: 59 (<i>Diplonevra</i>) – ST	P
<i>setulipalpis</i> Schmitz, 1938: 187 (<i>Megaselia</i>) – HT, CT	S+P
<i>similifrons</i> Schmitz, 1934: 31 (<i>Megaselia</i>) – T	P
<i>sinuata</i> Schmitz, 1926: 105 (<i>Megaselia</i>) HT, T, CT	S+P
<i>sobria</i> Schmitz, 1936: 71 (<i>Conicera</i>) – T	P
<i>sodalis</i> Schmitz, 1951: 144 (<i>Aenigmatopoeus</i>) – PT	S+P
<i>solitaria</i> Schmitz, 1934: 65 (<i>Megaselia</i>) – HT, T	S+P
<i>sordescens</i> Schmitz, 1927: 129 (<i>Megaselia</i>) – HT, PT, CT	S+P
<i>sordida</i> Zetterstedt, 1838: 796 (<i>Megaselia</i>) – CT	P
<i>specularis</i> Schmitz, 1935: 81 (<i>Megaselia</i>) – HT, T	S+P
<i>speiseri</i> Schmitz, 1929: 124 (<i>Megaselia</i>) – HT, T	S+P
<i>spinosa</i> Schmitz, 1935: 71 (<i>Chaetopleurophora</i>) – T	P
<i>spinosior</i> Schmitz, 1938: 180 (<i>Chaetopleurophora</i>) – T, CT	P
<i>spiracularis</i> Schmitz, 1938: 81 (<i>Megaselia</i>) – HT, PT	P
<i>spodiaca</i> Schmitz, 1926: 78 (<i>Megaselia</i>) – HT	S
<i>stictica</i> Meigen, 1830: 225 (<i>Phora</i>) – CT	P
<i>stigmatica</i> Schmitz 1920: 118 (<i>Megaselia</i>) – T	S+P
<i>striolata</i> Schmitz, 1940: 50 (<i>Megaselia</i>) – HT, PT, CT	S+P
<i>strobbli</i> Becker, 1901: 36 (<i>Spiniphora</i>) – HT	P
<i>subcompleta</i> Schmitz, 1927: 34 (<i>Triphleba</i>) – T, CT	P
<i>subfraudulenta</i> Schmitz, 1933: 100 (<i>Megaselia</i>) – HT, PT	P
<i>subfuscipes</i> Schmitz, 1935: 93 (<i>Megaselia</i>) – HT, CT	S+P
<i>subnudipennis</i> Schmitz, 1919: 117 (<i>Megaselia</i>) – T	P
<i>subpalpalis</i> Lundbeck, 1920: 18 (<i>Megaselia</i>) – PT	P
<i>subscaura</i> Schmitz, 1932: 129 (<i>Megaselia</i>) – CT	P
<i>sudanica</i> Schmitz, 1939: 261, 266 (<i>Thaumatoxena</i>) – HT	S
<i>sulphuripes</i> Meigen, 1830: 219 (<i>Megaselia</i>) – T	S
<i>sulphuriventris</i> Borgmeier & Schmitz, 1923: 130 (<i>Megaselia</i>) – PT	P
<i>superpilosa</i> Bridarolli, 1951: 52 (<i>Megaselia</i>) – CT	P
<i>surdifrons</i> Wood, 1909: 27 (<i>Megaselia</i>) – T	P
<i>tama</i> Schmitz, 1926: 77 (<i>Megaselia</i>) – HT, PT, T, CT	S+P
<i>tarsalis</i> Schmitz, 1920: 108 (<i>Conicera</i>) – HT, T	S+P
<i>tarsicia</i> Schmitz, 1926: 101 (<i>Megaselia</i>) – PT, CT	P
<i>tenebricola</i> Schmitz, 1934: 32 (<i>Megaselia</i>) – HT	P
<i>teneripes</i> Schmitz, 1957: 237 (<i>Megaselia</i>) – T	S+P
<i>termitohphila</i> Schmitz, 1913: 268 (<i>Bolsiusia</i>) – HT	S
<i>termitum</i> Schmitz, 1926: 15 (<i>Puliciphora</i>) – ST	S
<i>testacea</i> Schmitz, 1938: 192 (<i>Megaselia</i>) – HT	P
<i>thalhammeri</i> Schmitz, 1935: 8 (<i>Megaselia</i>) – HT, T	S+P

<i>tibialis</i> Schmitz, 1925: 119 (<i>Conicera</i>) – CT	P
<i>tincta</i> Schmitz, 1920: 124 (<i>Phora</i>) – LT, PLT	P
<i>tobaica</i> Schmitz, 1931: 469 (<i>Endonepenthia</i>) – CT	P
<i>tonnoiri</i> Schmitz, 1939: 67 (<i>Antipodiphora</i>) – CT	P
<i>transparentis</i> Schmitz, 1922: 35 (<i>Triphleba</i>) – T, CT	P
<i>transvaalensis</i> Schmitz, 1940: 65 (<i>Aenigmatus</i>) – PT	P
<i>trichopleura</i> Borgmeier, 1924: 172 (<i>Brachycephaloptera</i>) – PT	P
<i>tripliciseta</i> Schmitz & Wirth, 1954: 116 (<i>Phora</i>) – PT	P
Remarks: Genitalia dissected, in microvial.	
<i>triquetra</i> Schmitz, 1927: 129 (<i>Megaselia</i>) – HT, T	S+P
<i>trochanteralis</i> Schmitz, 1953: 209 (<i>Metopina</i>) – T	S+P
<i>trochanterica</i> Schmitz, 1926: 53 (<i>Megaselia</i>) – HT	S
<i>trogodytica</i> Schmitz, 1950: 113 (<i>Megaselia</i>) – T, CT	P
<i>tumidula</i> Schmitz, 1918: 33 (<i>Triphleba</i>) – ST	S
<i>ultrabrevis</i> Schmitz, 1937: 126 (<i>Megaselia</i>) – CT	S+P
<i>umbrata</i> Schmitz, 1936: 74 (<i>Exochaeta</i>) – HT, PT	S
<i>undulans</i> Schmitz, 1940: 55 (<i>Megaselia</i>) – CT, T, PT	S+P
<i>unicolor</i> Schmitz, 1919: 113 (<i>Megaselia</i>) – T, PT	P
<i>unisetalis</i> Schmitz 1935: 5 (<i>Diplonevra</i>) – PLT	P
<i>unispinalis</i> Schmitz 1927: 60 (<i>Diplonevra</i>) – PLT	P
<i>ustulata</i> Schmitz, 1920: 150 (<i>Megaselia</i>) – HT, T	S
<i>uvirana</i> Schmitz, 1955: 65 (<i>Termitophilomyia</i>) – CT	S+P
<i>valvata</i> Schmitz, 1935: 10 (<i>Megaselia</i>) – T	P
<i>varians</i> Schmitz, 1929: 29 (<i>Tropophleba</i>) – PT	S
<i>variegata</i> Schmitz, 1937: 140 (<i>Megaselia</i>) – T, CT	P
<i>vectabilis</i> Brues, 1913: 336 (<i>Plethysmochaeta</i>) – PT	P
<i>vidua</i> Schmitz 1937: 139 (<i>Kuenburgia</i>) – T, CT	P
<i>villicauda</i> Schmitz, 1927: 143 (<i>Megaselia</i>) – HT, PT	P
<i>virilis</i> Schmitz, 1919: 116 (<i>Megaselia</i>) – T, PT	S+P
<i>vittipennis</i> Schmitz, 1932: 121 (<i>Phalacrotophora</i>) – HT, T*	P+P
Remarks: slide in Beyer collection.	
<i>waagei</i> Schmitz, 1935: 70 (<i>Megaselia</i>) – HT, T	S+P
<i>wasmanni</i> Schmitz, 1928: 67 (<i>Xanionotum</i>) – ST	S
<i>wasmanni</i> Schmitz, 1938: 24 (<i>Indoxenia</i>) – HT, CT	S+P
<i>xanthogastra</i> Schmitz, 1940: 54 (<i>Megaselia</i>) – HT, PT	P
<i>zikani</i> Schmitz, 1924: 33 (<i>Cremersia</i>) – PT	P

TYPES IN THE BEYER COLLECTION

AL – allotype, CT – cotype, HT – holotype, LT – lectotype, PT – paratype, T – type, ST – syntype, S – microscope slide, P – pinned
 (* Also in the Schmitz collection)

<i>abalienata</i> Beyer, 1965: 17 (<i>Megaselia</i>) – T	S
<i>abalienata</i> Beyer, 1965: 172 (<i>Diplonevra</i>) – T	S
<i>abdominalis</i> Beyer, 1958: 57 (<i>Megaselia</i>) – PT	S+P
<i>aestiva</i> Beyer, 1966: 18 (<i>Megaselia</i>) – PT	S+P
<i>ampliocosta</i> Beyer, 1958: 57, 64 (<i>Megaselia</i>) – PT	S+P
<i>anomaliseta</i> Beyer, 1958: 57, 63 (<i>Megaselia</i>) – PT	S+P
<i>anticonigra</i> Beyer, 1958: 46 (<i>Megaselia</i>) – PT	S+P
<i>antiguensis</i> Malloch, 1912: 502 (<i>Pseudacetone</i>) – PT	P
<i>apicalis</i> Brues, 1936: 366 (<i>Spiniphora</i>) – PT	P
<i>apicinebula</i> Beyer 1958: 16 (<i>Dohrniphora</i>) – PT, CT*	P
<i>appendiculata</i> Brues, 1936: 377, 435 (<i>Megaselia</i>) – Al	S
<i>appetens</i> Beyer, 1965: 83 (<i>Megaselia</i>) – PT	S
<i>armigera</i> Borgmeier, 1925: 162 (<i>Diocophora</i>) – PT	P
<i>artangula</i> Beyer, 1965: 93 (<i>Megaselia</i>) – PT, T	S

<i>atricornis</i> Beyer, 1958: 46 (<i>Megaselia</i>) – PT, CT	P
<i>australis</i> Beyer, 1966: 171 (<i>Paraphiura</i>) – T	S
<i>basilewskyi</i> Beyer, 1960: 413 (<i>Diplonevra</i>) – T	S
<i>basitarsalis</i> Beyer, 1964: 380 (<i>Megaselia</i>) – T	S+P
<i>biseta</i> Beyer, 1960: 26 (<i>Megaselia</i>) – PT	S
<i>boninensis</i> Beyer, 1967: 336 (<i>Megaselia</i>) – T	S
<i>borgmeieri</i> Beyer, 1965: 109 (<i>Megaselia</i>) – PT	S
<i>breviuscula</i> Brues, 1924: 211 (<i>Megaselia</i>) – T	S
<i>brunella</i> Beyer, 1958: 32 (<i>Conicera</i>) – PT	P
<i>brunneicornis</i> Beyer, 1958: 28 (<i>Stichillus</i>) – PT, CT*	P
<i>burmensis</i> Beyer, 1958: 57 (<i>Megaselia</i>) – PT	P
<i>burmicola</i> Beyer, 1958: 34 (<i>Beckerina</i>) – PT, CT*	S+P
<i>capensis</i> Beyer, 1959: 380 (<i>Megaselia</i>) – T	S
<i>chrysophora</i> Beyer, 1967: 335 (<i>Megaselia</i>) – HT	S+P
<i>colyeri</i> Beyer, 1966: 182 (<i>Megaselia</i>) – T	S
<i>comans</i> Beyer, 1958: 4 (<i>Burmophora</i>) – PT	S
<i>completior</i> Beyer, 1958: 34 (<i>Macroselia</i>) – PT	S+P
<i>conflugens</i> Borgmeier, 1964: 293 (<i>Megaselia</i>) – PT	P
<i>consobrina</i> Beyer, 1958: 40 (<i>Megaselia</i>) – PT	P
<i>costella</i> Beyer, 1965: 161 (<i>Megaselia</i>) – T	S
<i>criniloba</i> Beyer, 1966: 197 (<i>Megaselia</i>) – T	S
<i>crosskeyi</i> Beyer, 1965: 174 (<i>Megaselia</i>) – T	S
<i>ctenochaeta</i> Beyer, 1958: 9 (<i>Triphleba</i>) – PT, CT*	P
<i>ctenophora</i> Beyer, 1965: 101 (<i>Megaselia</i>) – T	S
<i>curiosa</i> Beyer, 1958: 36 (<i>Egrediophora</i>) – PT, CT*	S+P
<i>curtibarba</i> Beyer, 1964: 278 (<i>Megaselia</i>) – PT	S
<i>curtissima</i> Beyer, 1967: 336 (<i>Megaselia</i>) – PT	S+P
<i>deceptor</i> Beyer, 1966: 168 (<i>Stichillus</i>) – Al	S
<i>deceptrix</i> Beyer, 1966: 202 (<i>Megaselia</i>) – PT	S
<i>dennerti</i> Disney & Beyer, 2005: 155 (<i>Megaselia</i>) – T	S
<i>densior</i> Schmitz, 1927: 131 (<i>Megaselia</i>) – ST	S
<i>dichroma</i> Beyer, 1958: 57 (<i>Megaselia</i>) – PT	S+P
<i>difficilis</i> Malloch, 1912: 484 (<i>Megaselia</i>) – PT	P
<i>discolor</i> Beyer, 1958: 39 (<i>Megaselia</i>) – T	S
<i>discrepans</i> Beyer, 1965: 202 (<i>Mollicauda</i>) – T	S
<i>discrepans</i> Borgmeier, 1971: 52 (<i>Megaselia</i>) – T	S
<i>dreisbachi</i> Borgmeier, 1964: 332 (<i>Megaselia</i>) – PT	S+P
<i>elongatus</i> Beyer, 1959: 55, 56 (<i>Aenigmatistes</i>) – PT	P
<i>eumimeta</i> Beyer, 1959: 23 (<i>Borophaga</i>) – PT	S
<i>excisa</i> Beyer, 1966: 187 (<i>Megaselia</i>) – T	S
<i>excisoides</i> Beyer, 1966: 188 (<i>Megaselia</i>) – T	S
<i>fallax</i> Beyer, 1958: 27 (<i>Stichillus</i>) – PT	P
<i>fimbriiterga</i> Beyer, 1966: 177 (<i>Phalacrotophora</i>) – T	S
<i>flarifrons</i> Beyer, 1958: 39 (<i>Megaselia</i>) – HT	S
<i>flavibasis</i> Beyer, 1958: 57 (<i>Megaselia</i>) – PT	P
<i>forticosta</i> Beyer, 1958: 57 (<i>Megaselia</i>) – PT	P
<i>fraudans</i> Beyer, 1960: 1 (<i>Dohrniphora</i>) – PT	S+P
<i>fraudulatrix</i> Beyer, 1958: 46 (<i>Megaselia</i>) – PT	S+P
<i>frontalis</i> Borgmeier, 1958: 310 (<i>Neophora</i>) – CT	P
<i>frontella</i> Beyer, 1966: 209 (<i>Megaselia</i>) – PT	S+P
<i>furcatilis</i> Beyer, 1964: 279 (<i>Megaselia</i>) – PT	S
<i>furcellans</i> Beyer, 1966: 186 (<i>Megaselia</i>) – T	S
<i>gigantea</i> Beyer, 1966: 175 (<i>Phalacrotophora</i>) – PT	S+P
<i>gressitti</i> Beyer, 1966: 173 (<i>Phalacrotophora</i>) – PT	S+P

<i>gressitti</i> Beyer, 1967: 336 (<i>Megaselia</i>) – PT	S
<i>hercules</i> Beyer, 1965: 13 (<i>Diplonevra</i>) – PT	S
<i>heterochaeta</i> Beyer, 1966: 202 (<i>Megaselia</i>) – PT	S+P
<i>inexpectata</i> Beyer, 1958: 71 (<i>Gymnophora</i>) – PT	S+P
<i>inflata</i> Beyer, 1958: 21 (<i>Borophaga</i>) – PT	S+P
<i>insperatus</i> Brues, 1911: 439 (<i>Stichillus</i>) – T*	P
<i>irregularis</i> Beyer, 1958: 46 (<i>Megaselia</i>) – PT	S+P
<i>jheringi</i> Borgmeier, 1923: 158 (<i>Megaselia</i>) – PT	P
<i>kerteszi</i> Enderlein, 1912: 48 (<i>Pseudohypocera</i>) – PT	P
<i>leleupi</i> Beyer, 1960: 421 (<i>Megaselia</i>) – T	S
<i>longibarba</i> Beyer, 1964: 283 (<i>Megaselia</i>) – PT	S+P
<i>lucida</i> Beyer, 1958: 14 (<i>Diplonevra</i>) – PT	P
<i>lucida</i> Bridarolli, 1937: 64 (<i>Megaselia</i>) – CT	P
<i>maculiterga</i> Beyer, 1958: 70 (<i>Phalacrotophora</i>) – HT	S
<i>magna</i> Beyer, 1959: 72 (<i>Megaselia</i>) – HT	S
<i>malaisei</i> Beyer, 1958: 46 (<i>Megaselia</i>) – PT, CT	S+P
<i>manca</i> Brues, 1907: 408 (<i>Megaselia</i>) – T	S
<i>maranguensis</i> Beyer, 1960: 2 (<i>Megaselia</i>) – T	S
<i>marmorata</i> Schmitz, 1929: 41 (<i>Plethysmochaeta</i>) – T	S
<i>micronesiae</i> Beyer, 1967: 336 (<i>Megaselia</i>) – T, PT	S+P
<i>mixticolor</i> Beyer, 1958: 40 (<i>Megaselia</i>) – PT	P
<i>morenifrons</i> Borgmeier, 1967: 62 (<i>Megaselia</i>) – T	S
<i>morosa</i> Beyer, 1965: 69 (<i>Megaselia</i>) – PT	P
<i>necrophaga</i> Enderlein, 1912: 49 (<i>Megaselia</i>) – PT	P
<i>nedae</i> Malloch, 1912: 448 (<i>Phalacrotophora</i>) – PT	P
<i>nepheloptera</i> Beyer, 1966: 212 (<i>Metopina</i>) – T	S
<i>nigrbasis</i> Beyer, 1966: 200 (<i>Megaselia</i>) – T	S
<i>nipponensis</i> Beyer, 1958: 104 (<i>Spiniphora</i>) – PT	S
<i>notabilis</i> Beyer, 1965: 178 (<i>Megaselia</i>) – T	S
<i>novaguineae</i> Beyer, 1966: 166 (<i>Diplonevra</i>) – T	S
<i>obscurata</i> Enderlein, 1912: 35 (<i>Megaselia</i>) – T	S
<i>offuscata</i> Schmitz, 1921: 4 (<i>Megaselia</i>) – ST	S
<i>pachycostalis</i> Borgmeier, 1923: 51 (<i>Borophaga</i>) – CT	P
<i>pallidantennata</i> Beyer, 1965: 155 (<i>Megaselia</i>) – T	S
<i>palpella</i> Beyer, 1967: 336 (<i>Megaselia</i>) – PT	S+P
<i>parvicornis</i> Borgmeier, 1958: 383 (<i>Paraphiochaeta</i>) – CT	P
<i>peniculifera</i> Beyer, 1965: 107 (<i>Megaselia</i>) – PT	S
<i>pentagonalis</i> Beyer, 1929: 61 (<i>Ceratophoromyia</i>) – PT	P
<i>percaeca</i> Beyer, 1965: 122 (<i>Megaselia</i>) – T	S
<i>perlonga</i> Beyer, 1966: 174 (<i>Phalacrotophora</i>) – T	S
<i>pertincta</i> Beyer, 1958: 39 (<i>Megaselia</i>) – T	S
<i>phoenicura</i> Schmitz, 1926: 81 (<i>Megaselia</i>) – T	S
<i>pilosella</i> Beyer, 1965: 130 (<i>Megaselia</i>) – T	S
<i>politifrons</i> Brues, 1936: 378 (<i>Megaselia</i>) – T	S
<i>priscus</i> Beyer, 1959: 55, 58 (<i>Aenigmatistes</i>) – PT	P
<i>proclinans</i> Beyer, 1965: 39 (<i>Phalacrotophora</i>) – AL	S
<i>rhenana</i> Beyer & Schmitz, 1957: 233 (<i>Metopina</i>) – T, PT*	P
<i>rhynchophora</i> Beyer, 1960: 414 (<i>Dohniphora</i>) – T	S
<i>rufibasis</i> Beyer, 1959: 2 (<i>Borophaga</i>) – PT	P
<i>rutilipes</i> Beyer, 1958: 57 (<i>Megaselia</i>) – PT	S+P
<i>secreta</i> Beyer, 1958: 57 (<i>Megaselia</i>) – PT, T	S+P
<i>sejuncta</i> Beyer, 1967: 335 (<i>Megaselia</i>) – PT	P
<i>semirufa</i> Beyer, 1958: 24 (<i>Hypocera</i>) – PT*	S+P
<i>sextaperta</i> Beyer, 1958: 46 (<i>Megaselia</i>) – PT	P

<i>sextosetosa</i> Beyer, 1966: 204 (<i>Megaselia</i>) – T	S
<i>siamensis</i> Beyer, 1966: 188 (<i>Megaselia</i>) – T	S
<i>simia</i> Beyer, 1965: 26 (<i>Borophaga</i>) – PT	S
<i>simillima</i> Beyer, 1958: 30 (<i>Anervrina</i>) – PT	S
<i>simiola</i> Borgmeier, 1966: 78 (<i>Megaselia</i>) – T	S+P
<i>simiolus</i> Beyer, 1964: 300 (<i>Conocephalus</i>) – PT	S
<i>sokotrana</i> Beyer, 1965: 60 (<i>Megaselia</i>) – PT	S+P
<i>solomonis</i> Beyer, 1967: 266 (<i>Woodiphora</i>) – T	S
<i>speculiclara</i> Beyer, 1958: 7 (<i>Triphleba</i>) – PT, HT*	P
<i>sphaeropyge</i> Beyer, 1958: 30 (<i>Anervrina</i>) – PT	S+P
<i>spinulicosta</i> Beyer, 1965: 19 (<i>Hypocerides</i>) – T	S
<i>subagilis</i> Beyer, 1958: 22 (<i>Borophaga</i>) – PT	S+P
<i>subnudiseta</i> Beyer, 1958: 40 (<i>Megaselia</i>) – HT	S
<i>subsinuosus</i> Beyer, 1958: 29 (<i>Stichillus</i>) – PT, CT*	P
<i>subulicauda</i> Schmitz, 1929: 39 (<i>Megaselia</i>) – PT	S+P
<i>tenebricior</i> Beyer, 1967: 336 (<i>Megaselia</i>) – T	S
<i>tenericoma</i> Beyer, 1965: 168 (<i>Megaselia</i>) – PT	S
<i>tenuibasis</i> Beyer, 1960: 419 (<i>Megaselia</i>) – T	S
<i>tenuivena</i> Beyer, 1958: 8 (<i>Triphleba</i>) – PT	S
<i>tetricifrons</i> Beyer, 1967: 336 (<i>Megaselia</i>) – PT	S
<i>texanus</i> Greene, 1938: 182 (<i>Myrnosicarius</i>) – PT	P
<i>thoracalis</i> Beyer, 1958: 17 (<i>Borophaga</i>) – PT	P
<i>tokyoensis</i> Beyer, 1966: 184 (<i>Plastophora</i>) – T	S
<i>unispinosa</i> Zetterstedt, 1860: 6475 (<i>Anevrina</i>) – PT	P
<i>varians</i> Beyer, 1958: 12 (<i>Diplonevra</i>) – PT, CT*	S+P
<i>vernalis</i> Wood, 1909: 119 (<i>Megaselia</i>) – T	S
<i>vernicea</i> Beyer, 1966: 176 (<i>Phalacrotophora</i>) – T	S
<i>vernica</i> Beyer, 1966: 210 (<i>Megaselia</i>) – T	S
<i>xanthopyge</i> Beyer, 1965: 142 (<i>Megaselia</i>) – T	S
<i>zebrina</i> Beyer, 1964: 288 (<i>Megaselia</i>) – PT	S

Family: Pipunculidae

goennersdorfensis Dempewolf & Dunk, 1996: 93 (*Eudorylas*) – male HT; 20 males, 19 females PT (all in alc.)

johnenae Dempewolf, 1996: 89 (*Eudorylas*) – male HT (in alc.)

Remarks: Genitalia dissected in separate tube.

vineti Dempewolf, 1996: 87 (*Eudorylas*) – female HT; 1 male, 7 females PT (all in alc.)

vonderdunki Dempewolf, 1998: 535 (*Eudorylas*) – male HT; 22 males PT (all in alc.)

REFERENCES

- Dempewolf M (1996) Taxonomical notes on west palaeartic Pipunculidae including the description of two new *Eudorylas* species (Diptera). *Studia dipterologica* 3: 87–92
- Dempewolf M (1998) On the taxonomy of two German pipunculid flies with remarks on the terminology of the male genitalia. *Beiträge zur Entomologie* 48: 531–537
- Dempewolf M, Dunk K von der (1996) A new *Eudorylas* species from southern and western Germany (Diptera, Pipunculidae). *Studia dipterologica* 3: 93–96

Family: Platystomatidae

polistiformis flavipilosa Enderlein, 1924: 102 (*Xenaspis*) – 1 male ST

Remarks: Synonym of *polistiformis* Enderlein.

REFERENCES

- Enderlein G (1924) Beiträge zur Kenntnis der Platystominaen. *Mitteilungen aus dem Zoologischen Museum in Berlin* 11: 97–153

Family: Psychodidae

andalusica Wagner, 1979: 195 (*Saraiella*) – male HT; 1 male PT

Remarks: Mounted on microscope slide.

magna Wagner, 1979: 183 (*Saraiella*) – male HT; 1 male PT

Remarks: Mounted on microscope slide.

REFERENCES

Wagner R (1979) Zwei neue Psychodiden (Diptera: Psychodidae). Entomologische Zeitschrift 89: 193–196

Family: Ptychopteridae

helena Peus, 1958: 31 (*Liriope*) – 2 males, 1 female PT
hugoi Tjeder, 1968: 78 (*Ptychoptera*) – 1 male PT (in alc.)

REFERENCES

Peus F (1958) 10b. Liriopeidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 3(1), Lief. 200: 10–44
Tjeder B (1968) Notes on the Scandinavian Ptychopteridae, with description of a new species (Diptera). Opuscula Entomologica 33(1/2): 73–79

Family: Sciaridae

The following is a preliminary list obtained from Menzel & Mohrig (2000). The material is on long term loan to Dr. F. Menzel and all type material has not yet been completely documented and identified. All present generic combinations are from Menzel & Mohrig (2000).

aestivalis Winnertz, 1871: 853 (*Sciara*) – male LT
Remarks: Synonym of *B. pauperata* (Winnertz).
alacris Winnertz, 1867: 76 (*Sciara*) – male LT
Remarks: Synonym of *B. nitidicollis* (Meigen).
alma Winnertz, 1871: 860 (*Sciara*) – male LT
Remarks: Synonym of *B. amoena* (Winnertz).
amoena Winnertz, 1867: 114 (*Sciara*) – 1 male PLT
Remarks: Assigned to *Bradysia* Winnertz.
aprica Winnertz, 1867: 161 (*Sciara*) – male LT
Remarks: Assigned to *Bradysia*.
auripila Winnertz, 1867: 163 (*Sciara*) – male LT; 1 male PLT
Remarks: Assigned to *Lycoriella* Frey.
autumnalis Winnertz, 1867: 144 (*Sciara*) – male LT
Remarks: Synonym of *Ctenosciara hyalipennis* (Meigen).
betuleti Lengersdorf, 1940: 25 (*Neosciara*) – male LT
Remarks: Synonym of *B. hilaris* (Winnertz).
bicuspidata Lengersdorf, 1926: 249 (*Sciara*) – 1 male PLT
Remarks: Assigned to *Corynoptera* Winnertz.
bistrispina Bukowski & Lengersdorf, 1936: 109 (*Neosciara*) – male LT
Remarks: Assigned to *Corynoptera*.
blanda Winnertz, 1867: 152 (*Sciara*) – male LT
Remarks: Assigned to *Corynoptera*.
brachialis Winnertz, 1867: 155 (*Sciara*) – male LT
Remarks: Synonym of *Cratyna (Spathobdella) nobilis* (Winnertz).

brachypennis Lengersdorf, 1926: 4 (*Bradysia*) – female LT
Remarks: Assigned to *Corynoptera*.
brevicubitalis Lengersdorf, 1926: 6 (*Sciara*) – female LT
Remarks: Assigned to *Lycoriella*.
bruckii Winnertz, 1867: 38 (*Sciara*) – male LT
Remarks: Assigned to *Pseudolycoriella* Menzil & Mohrig
brunnea Bukowski & Lengersdorf, 1936: 107 (*Neosciara*) – male LT
Remarks: Assigned to *Pseudolycoriella*.
castanescens Lengersdorf, 1940: 28 (*Neosciara*) – male LT
Remarks: Assigned to *Lycoriella*.
cellaris Lengersdorf, 1934: 24 (*Neosciara*) – male LT
Remarks: Assigned to *Lycoriella*.
concinna Winnertz, 1867: 150 (*Sciara*) – male LT
Remarks: Assigned to *Corynoptera*.
corticalis Lengersdorf, 1930: 38 (*Lycoria (Neosciara)*) – male LT
Remarks: Synonym of *Cratyna (Cratyna) atra* Winnertz.
cuniculata Lengersdorf, 1942: 433 (*Neosciara*) – male LT; 7 males, 2 females PLT
Remarks: Assigned to *Corynoptera*.
curviforceps Bukowski & Lengersdorf, 1936: 108 (*Neosciara*) – male LT
Remarks: Assigned to *Scatopsiara* Edwards.
curviligula Lengersdorf, 1952: 45 (*Neosciara*) – male LT
Remarks: Assigned to *Corynoptera*; synonym of *clanda* (Winnertz).
dalmatina Lengersdorf, 1937: 140 (*Neosciara*) – male LT; 1 male PLT
Remarks: Assigned to *Bradysia*.
delicata Lengersdorf, 1935: 75 (*Neosciara*) – male LT; 3 females PLT
Remarks: Assigned to *Camptochaeta*.
detriticola Kratochvil, 1936: 14 (*Vimmeria (Lengersdorffia)*) – male LT; 1 female PLT
Remarks: Assigned to *Epidapus* Haliday.
dispar Schmitz, 1927: 28 (*Pnyxia*) – male LT; 1 male, 1 female PLT
Remarks: Synonym of *Pnyxia scabiei* (Hopkins).
diversiabdominalis Lengersdorf, 1941: 65 (*Neosciara*) – 7 males, 6 females PLT
Remarks: Assigned to *Bradysia*.
elegans Winnertz, 1867: 27 (*Sciara*) – male LT
Remarks: Synonym of *Leptosciarella scutellara* (Staeger).
elongata Winnertz, 1867: 49 (*Sciara*) – male LT
Remarks: Synonym of *Leptosciarella rejecta* (Staeger).
falcifera Lengersdorf, 1933: 250 (*Plastosciara*) – male LT
Remarks: Assigned to *Cratyna* Winnertz.
felix Schmitz, 1919: 26 (*Bradysia*) – male LT; 4 males, 2 females PLT

- Remarks:** Assigned to *Lycoriella*.
fera Winnertz, 1867: 136 (*Sciara*) – male LT
Remarks: Synonym of *B. fungicola* Winnertz.
flabellata Lengersdorf, 1942: 180 (*Neosciara*) – male HT
Remarks: Synonym of *Epidapus (Pseudoaptanogyna) absconditus* (Vimmer). HT is missing.
flaviventris Winnertz, 1867: 116 (*Sciara*) – male LT
Remarks: Synonym of *Lycoriella ingenua* (Dufour).
formosa Winnertz, 1871: 854 (*Sciara*) – female HT
Remarks: Synonym of *B. opaca* (Winnertz).
fusca Winnertz, 1871: 849 (*Sciara*) – 1 male PLT
Remarks: Synonym of *Corynoptera montana* (Winnertz).
glabricollis Winnertz, 1871: 851 (*Sciara*) – 3 females PLT
Remarks: Synonym of *Cratyna schineri* (Winnertz).
grandicellaris Lengersdorf, 1926: 250 (*Sciara*) – 1 female PLT
Remarks: Assigned to *Bradysia*.
halterata Lengersdorf, 1926: 250 (*Sciara*) – 1 female PLT
Remarks: Assigned to *Phytosciara*.
hercyniae Winnertz, 1869: 663 (*Sciara*) – 1 male PLT
Remarks: Synonym of *B. fungicola* (Winnertz).
heydemanni Lengersdorf, 1955: 23 (*Neosciara*) – male LT; 1 female PLT
Remarks: Assigned to *Bradysia*.
hirtula Lengersdorf, 1934: 25 (*Neosciara*) – male HT
Remarks: Assigned to *Camptochaeta*.
hispanna Lengersdorf, 1957: 227 (*Neosciara*) – male LT; 1 female PLT
Remarks: Assigned to *Pseudolycoriella*.
hispidula Winnertz, 1871: 847 (*Sciara*) – 1 male PLT
Remarks: Synonym of *Leptosciarella rejecta* (Staeger).
humilis Winnertz, 1867: 117 (*Sciara*) – male LT
Remarks: Synonym of *Lycoriella ingenua* (Dufour).
ignota Lengersdorf, 1942: 179 (*Caenosciara*) – female HT
Remarks: Assigned to *Epidapus*.
inflata Winnertz, 1867: 146 (*Sciara*) – male LT; 6 males PLT
Remarks: Assigned to *Lycoriella*.
latiforceps Bukowski & Lengersdorf, 1936: 107 (*Neosciara*) – 1 male ST
Remarks: Synonym of *Cratyna ambigua* (Lengersdorf).
latifurcata Lengersdorf, 1942: 3 (*Sciara*) – male LT
Remarks: Assigned to *Parapnyxia*.
leclercqi Lengersdorf, 1950: 28 (*Rhynchosciara*) – female HT
Remarks: Synonym of *B. praecox* (Meigen).
ligna Lengersdorf, 1941: 3 (*Neosciara*) – male LT; 5 males PLT
Remarks: Synonym of *Cratyna ambigua* (Lengersdorf).
longicornis Bukowski & Lengersdorf, 1936: 110 (*Neosciara*) – 1 male PLT
Remarks: Assigned to *Corynoptera*; synonym of *subtilis* (Lengersdorf).
longicubitalis Lengersdorf, 1924: 88 (*Cratyna*) – male HT
Remarks: Assigned to *Bradysia*.
longiseta Bukowski & Lengersdorf, 1936: 106 (*Neosciara*) – 1 female PLT
Remarks: Synonym of *Pseudolycoriella morenae* (Strobl).
lugubris Winnertz, 1867: 62 (*Sciara*) – male LT
Remarks: Synonym of *B. pauperata* (Winnertz).
lutaria Winnertz, 1869: 665 (*Sciara*) – 1 male PLT
Remarks: Assigned to *Bradysia*.
luteofusca Bukowski & Lengersdorf, 1936: 106 (*Neosciara*) – 1 male, 1 female PLT
Remarks: Assigned to *Corynoptera*.
melina Schmitz, 1915: 285 (*Pholeosciara*) – female HT
Remarks: Synonym of *Epidapus atomarius* (De Geer).
meridiana Lengersdorf, 1926: 393 (*Sciara*) – 1 female PLT
Remarks: Synonym of *B. alpicola* (Winnertz).
montana Winnertz, 1869: 659 (*Sciara*) – 1 male PLT
Remarks: Assigned to *Corynoptera*.
mutabilis Lengersdorf, 1926: 7 (*Sciara*) – female LT; 1 female PLT
Remarks: Synonym of *B. alpicola* (Winnertz).
myrtilli Winnertz, 1867: 109 (*Sciara*) – male LT
Remarks: Synonym of *B. confinis* (Winnertz).
nana Winnertz, 1871: 854 (*Sciara*) – male LT
Remarks: Assigned to *Scatopsiara*.
nigrescens Winnertz, 1869: 658 (*Sciara*) – 1 male PLT
Remarks: Synonym of *B. confinis* (Winnertz).
nobilis Winnertz, 1867: 135 (*Sciara*) – male HT
Remarks: Assigned to *Cratyna*.
obscuripennis Winnertz, 1867: 55 (*Sciara*) – male LT
Remarks: Synonym of *Leptosciarella scutellara* (Staeger).
occulta Winnertz, 1867: 110 (*Sciara*) – male HT
Remarks: Synonym of *B. confinis* (Winnertz).
ofenkaulis Lengersdorf, 1925: 19 (*Sciara*) – male LT; 2 females PLT
Remarks: Assigned to *Camptochaeta*.
pallidiventris Winnertz, 1867: 150 (*Sciara*) – male LT
Remarks: Assigned to *Bradysia*.
parvula Winnertz, 1867: 122 (*Sciara*) – male LT
Remarks: Assigned to *Corynoptera*.
pavida Winnertz, 1867: 159 (*Sciara*) – male HT
Remarks: Synonym of *Scatopsiara pusilla* (Meigen).
pernitida Edwards, 1915: 165 (*Plastosciara*) – 1 male, 1 female PLT
Remarks: Assigned to *Cratyna*.
perpusilla Winnertz, 1867: 177 (*Corynoptera*) – male LT
placida Winnertz, 1867: 67 (*Sciara*) – 2 males PLT
Remarks: Assigned to *Bradysia*.
platyventralis Lengersdorf, 1957: 228 (*Neosciara*) – female LT
Remarks: Assigned to *Scatopsiara*.

polonica Lengersdorf, 1929: 109 (*Sciara* (*Neosciara*)) – male LT; 3 males PLT

Remarks: Assigned to *Bradysia*.

porrecta Lengersdorf, 1929: 108 (*Sciara* (*Neosciara*)) – male LT; 1 male PLT

Remarks: Assigned to *Phytosciara*.

pullula Winnertz, 1867: 112 (*Sciara*) – male LT

Remarks: Synonym of *B. rufescens* (Zetterstedt).

pumila Winnertz, 1853: 179 (*Zygoneura*) – 4 males ST

Remarks: Synonym of *Epidapus atomarius* (De Geer).

quinquedentata Lengersdorf, 1936: 3 (*Neosciara*) – male LT

Remarks: Synonym of *B. lapponica* (Lengersdorf).

refrigerata Lengersdorf, 1930: 3 (*Neosciara*) – male LT; 1 female PLT

Remarks: Assigned to *Corynoptera*.

segnis Winnertz, 1871: 858 (*Sciara*) – male LT

Remarks: Synonym of *Lycoriella ingenua* (Dufour).

selecta Winnertz, 1871: 859 (*Sciara*) – male LT

Remarks: Synonym of *B. amoena* (Winnertz).

semialata Edwards, 1913: 210 (*Sciara*) – 1 male, 1 female PLT

Remarks: Assigned to *Pseudolycoriella*.

setigera Winnertz, 1867: 151 (*Sciara*) – male LT

Remarks: Synonym of *B. amoena* (Winnertz).

signata Winnertz, 1867: 158 (*Sciara*) – male LT

Remarks: Synonym of *B. amoena* (Winnertz).

solani Winnertz, 1871: 855 (*Sciara*) – male PLT

Remarks: Synonym of *Lycoriella ingenua* (Dufour).

spoeckeri Lengersdorf, 1930: 95 (*Neosciara*) – male LT; 1 female PLT

Remarks: Assigned to *Corynoptera*.

stokesi Edwards, 1925: 223 (*Psilosciara*) – 2 males PLT

Remarks: Synonym of *Cratyna schineri* (Winnertz).

subterranea Schmitz, 1913: 212 (*Peyerimhoffia*) – female HT

Remarks: Synonym of *Pnyxia scabiei* (Hopkins).

syriaca Lengersdorf, 1934: 55 (*Neosciara*) – male LT

Remarks: Assigned to *Corynoptera*.

trichoptera Lengersdorf, 1926: 248 (*Sciara*) – 1 female PLT

Remarks: Synonym of *B. nitidicollis* (Meigen) (only wings).

triseriata Winnertz, 1867: 157 (*Sciara*) – male LT; 1 male PLT

Remarks: Synonym of *B. amoena* (Winnertz).

turbida Winnertz, 1867: 165 (*Sciara*) – male HT

Remarks: Synonym of *B. amoena* (Winnertz).

uliginosa Lengersdorf, 1929: 317 (*Sciara*) – 10 males, 10 females ST

Remarks: Assigned to *Cratyna*. Type series is missing.

ungulata Winnertz, 1867: 142 (*Sciara*) – male LT

Remarks: Assigned to *Phytosciara*.

vana Winnertz, 1871: 857 (*Sciara*) – male LT

Remarks: Synonym of *B. amoena* (Winnertz).

vanderwieli Schmitz, 1920: 363 (*Bradysia*) – female LT

Remarks: Synonym of *Lycoriella subterranea* (Mäkel).

velox Winnertz, 1867: 111 (*Sciara*) – male PLT

Remarks: Synonym of *Lycoriella ingenua* (Dufour).

venusta Winnertz, 1867: 115 (*Sciara*) – male LT

Remarks: Synonym of *Lycoriella ingenua* (Dufour).

vivida tenuicornis Lengersdorf, 1932: 161 (*Neosciara*) – male LT

Remarks: Assigned to *Scatopsiara*.

vivida Winnertz, 1867: 156 (*Sciara*) – male LT

Remarks: Synonym of *Scatopsiara atomaria* (Zetterstedt).

wasmanni Schmitz, 1919: 96 (*Hyperlasion*) – male LT; 6 females, 1 larva PLT

REFERENCES

- Bukowski W, Lengersdorf F (1936) Neue Lycoriiden-Arten aus der Krim. *Konowia* 15(1–2): 106–112
- Edwards FW (1913) Sexual dimorphism in a species of *Sciara*. *The Entomologist's Monthly Magazine* 49: 209–211
- Edwards FW (1915) Ten new British Diptera (Nematocera). *The Entomologist's Monthly Magazine* 51: 164–166
- Edwards FW (1925) Two new British Sciarinae (Diptera). *The Entomologist's Monthly Magazine* 61: 223–224
- Kratochvil J (1936) Třetí příspěvek k poznání pudní zvěřeny. Metamorfosa Lycoriid z pud lesnich [Troisième notice à la connaissance de la faune du sol. Métamorfosa de quelques Lycoriides du sol des forêts]. *Sbornik Vysoke školy zemědělské v Brně* D 23: 1–46
- Lengersdorf F (1924) Über die Gattung *Cratyna* Winn. (Dipt., Sciar.). *Wiener Entomologische Zeitung* 41(4–10): 87–88
- Lengersdorf F (1925) Beitrag zur Höhlenfauna des Siebengebirges unter besonderer Berücksichtigung der Dipteren. *Speläologisches Jahrbuch* 5–6(1–2): 16–22
- Lengersdorf F (1926) Die Sciariden des Naturhistorischen Museums in Wien. *Konowia* 5(3): 247–255
- Lengersdorf F (1926) Die Sciariden des Tromsø Museum. *Tromsø Museums Årshefter* 48(4) (1925): 1–9
- Lengersdorf F (1926) Zwei neue *Sciara* (*Lycoria*)-Arten (Dipt.). *Entomologische Mitteilungen* 15: 392–394
- Lengersdorf F (1929) Die Revision der Sciaridensammlung des Pfarrers Dr. W. Grzegorek. *Bulletin de l'Académie Polonaise des Sciences et des Lettres (Zoologie)* 1928(3–4): 105–112
- Lengersdorf F (1929) Die Sciariden (Trauermücken) des Zehlaubbruchs. *Schriften der Physikalisch-ökonomischen Gesellschaft zu Königsberg i. Pr.* 66(2): 313–319
- Lengersdorf F (1930) 7. Lycoriidae (Sciaridae). In: Lindner, E. (ed.) *Die Fliegen der palaearktischen Region* 2(1): 33–71
- Lengersdorf F (1930) Eine neue *Sciara* Art aus einer fränkischen Höhlen. *Mitteilungen über Höhlen- und Karstforschung* 1930: 95–96
- Lengersdorf F (1930) Eine neue *Sciara* Art aus Norwegen. *Neosciara refrigerata* nov. spec. *Tromsø Museums Årshefter* 50(1927): 3–4
- Lengersdorf F (1932) *Neosciara vivida*, Win. f. *tenuicornis*, eine neue Höhlenform. *Mitteilungen über Höhlen- und Karstforschung* 1932(4): 161–162
- Lengersdorf F (1934) Neue Sciariden aus Palästina und Lettland. *Mitteilungen der Deutschen Entomologischen Gesellschaft* 5(7–8): 55–58

- Lengersdorf F (1934) 2 neue *Sciara* Arten aus einem Keller in 1400 m Höhe aus Schlesien. Mitteilungen über Höhlen- und Karstforschung 1934: 23–26
- Lengersdorf F (1935) *Neosciara delicata* nov. spec. Norsk Entomologisk Tidsskrift 4(1–2): 75
- Lengersdorf F (1936) *Neosciara quinequedentata* nov. spec. (Diptera). Mitteilungen der Entomologischen Gesellschaft E.V. Halle a.S. 14: 3–4
- Lengersdorf F (1937) Beitrag zur Kenntnis von in Höhlen des Karstes gefundenen Dipteren. Mitteilungen über Höhlen- und Karstforschung 1937(4): 139–141
- Lengersdorf F (1940) Beitrag zur Kenntnis der Sciariden (Lycoriiden) aus Finnland. Zoologischer Anzeiger 131: 23–29
- Lengersdorf F (1941) Dipterendunde aus dem Gebiete des Großglockner. (Diptera: Petauristidae & Lycoriidae). Arbeiten über Morphologische und Taxonomische Entomologie aus Berlin-Dahlem 8(1): 65–72
- Lengersdorf F (1942) Interessante Bodenfunde von Lycoriiden (Sciariden). Zoologische Anzeiger 137(9–10): 177–180
- Lengersdorf F (1942) Une variété nouvelle de *Neosciara bicuspadata* Ldf. (Dipt. Lycoriidae). Bulletin du Muséum National d'Histoire Naturelle, Paris 14 (6): 433
- Lengersdorf F (1950) *Rhynchosciara leclercqi* (Dipt., Lycoriidae), a new species found in Belgium. The Entomologist's Monthly Magazine 85: 28
- Lengersdorf F (1952) Interessante Bodenfunde von Lycoriiden (Sciariden). Zoologische Anzeiger 148(1–2): 44–46
- Lengersdorf F (1955) *Neosciara heydemanni* nov. spec. (Sciarid., Dipt.), eine neue Trauermückenart von Kulturfeldern. Zoologische Anzeiger 154: 23–25
- Lengersdorf F (1957) Zoologisch-systematische Ergebnisse der Studienreise von H. Janetschek und W. Steiner in die spanische Sierra Nevada 1954. III. Neue Lycoriiden (Sciariden) (Ins., Diptera). Sitzungsberichte der Österreichischen Akademie der Wissenschaften (mathem.-naturw.) 166(5–6): 227–229
- Menzil F, Mohrig W (2000) Revision der paläarktischen Trauermücken (Diptera: Sciaridae). Studia dipterologica Supplement 6(1999): 3–761
- Schmitz H (1913) Dipteren aus Maulwurfsnestern. Tijdschrift voor Entomologie 56: 211–220
- Schmitz H (1915) Drei neue Gattungen von nematoceren Dipteren mit degenerierten Weibchen. Tijdschrift voor Entomologie 58: 281–291
- Schmitz H (1919) Neue Beiträge zur Kenntnis der Sciariden mit reduzierten maxillarpalpen. Tijdschrift voor Entomologie 61(1–2): 88–111
- Schmitz H (1919) Zur Kenntnis der Gattung *Bradysia* Winnertz (Sciaridae, Dipt.). Zoologische Mededelingen 5: 25–32
- Schmitz H (1920) Eine neue, vielleicht myrmecophile Sciaride aus den Niederlanden. Zoologische Jahrbücher. Abteilung für Systematik 43: 361–364
- Winnertz J (1853) Beitrag zu einer Monographie der Gallmücken. Linnaea Entomologica 8: 154–322
- Winnertz J (1867) Beitrag zu einer Monographie der Sciarinen [Monogr. Sciarinen] 1867: 1–187
- Winnertz J (1869) Sieben neue Arten der Gattung *Sciara*. Verhandlungen der Zoologisch-Botanischen Gesellschaft in Wien 19: 654–668
- Winnertz J (1871) Vierzehn neue Arten der Gattung *Sciara*. Verhandlungen der Zoologisch-Botanischen Gesellschaft in Wien 21: 847–860

Family: Sciomyzidae

- manchurica* Rozkošný & Knutson, 1991: 67 (*Elgiva*) – male HT
Remarks: Genitalia dissected, in microvial.
- orientalis* Rozkošný & Knutson, 1991: 65 (*Pherbellia*) – female HT

REFERENCES

- Rozkošný R, Knutson L (1991) Two new species of Sciomyzidae (Diptera) from Palaeartic China. Entomotaxonomia 13(1): 65–70

Family: Stratiomyidae

- alini* Lindner, 1955: 221 (*Odonotomyia*) – 3 males, 2 females ST
Remarks: Labeled as HT and PT, but no information provided in publication.
- quadripartita* Lindner, 1940: 33 (*Hermione*) – female HT
- sinensis* Lindner, 1940: 23 (*Prosopochrysa*) – male HT
- szechuanensis* Lindner, 1954: 208 (*Parastratiosphecomyia*) – male HT; 14 males, 4 females PT

REFERENCES

- Lindner E (1940) Chinesische Stratiomyiden (Dipt.). Deutsche Entomologische Zeitschrift 1939: 20–36
- Lindner E (1954) Über einige südchinesische Stratiomyiden (Dipt.). Bonner zoologische Beiträge 5(3–4): 207–209
- Lindner E (1955) Zur Kenntnis der ostasiatischen Stratiomyiden (Dipt.). Bonner zoologische Beiträge 6(3–4): 220–222

Family: Syrphidae

- bracusi* Vujić & Claussen, 1994: 137 (*Cheilosia*) – 1 male, 1 female PT
- eggeri major* Andries 1912: 307 (*Microdon*) – 1 puparium NT
Remarks: A teneral adult remains inside puparium. Neotype designated by Schmid (2004: 115) and elevated to full species rank.
- iberica* Marcos-García & Claussen, 1989: 57 (*Cheilosia*) – 1 female PT
- rhenanus* Andries 1912: 307 (*Microdon*) – puparium LT
Remarks: Mouthparts dissected and stored in microvial beneath. Lectotype designated by Schmid (2004: 115) and is regarded as a synonym of *M. mutabilis* (L.).
- subpicipennis* Claussen, 1998: 405 (*Cheilosia*) – 1 female PT

REFERENCES

- Andries M (1912) Zur Systematik, Biologie und Entwicklung von *Microdon* Meigen. Zeitschrift für Wissenschaftliche Zoologie 103(2): 300–361
- Claussen C (1998) Die europäischen Arten der *Cheilosia alpina*-Gruppe (Diptera, Syrphidae). Bonner zoologische Beiträge 47(3–4): 381–405
- Marcos-García MaA, Claussen C (1989) Description of *Cheilosia iberica*, new species, from the Iberian Peninsula (Diptera, Syrphidae). Bonner zoologische Beiträge 40: 57–62
- Schmid U (2004) *Microdon rhenanus* and *Microdon eggeri* var. *major* (Diptera, Syrphidae) revisited. Volucella 7: 111–124
- Vujić A, Claussen C (1994) *Cheilosia bracusi*, a new hoverfly from the mountains of Central and Southern Europe (Diptera: Syrphidae). Bonner zoologische Beiträge 45(2): 137–146

Family: Tabanidae

- agrestis afghanistanicus* Moucha & Chvála, 1959: 279 (*Atylotus*) – female HT; 3 males, 7 females PT
Remarks: Synonym of *quadrifarius* (Loew).
- grandis schiva* Moucha & Chvála, 1959: 284 (*Tabanus*) – female HT; 3 males, 7 females PT
Remarks: Elevated to full species.
- olsuffjeviana* Moucha & Chvála, 1959: 276 (*Tylostypia*) – female HT; 23 females PT
Remarks: Assigned to *Hybomitra* Enderlein.
- olsuffjeviana pseudozonata* Moucha & Chvála, 1959: 277 (*Tylostypia*) – female HT; 2 females PT
Remarks: Synonym of *olsuffjeviana* Moucha & Chvála.

REFERENCES

- Moucha J, Chvála M (1959) Die Tabaniiden der Afghanistan-Expedition (1952–1953) J. Klapperichs (Diptera, Tabanidae). Acta Entomologica Musei Nationalis Pragae 33: 273–286

Family: Tachinidae

- klapperichi* Mesnil, 1956: 532 (*Turanogonia*) – male HT; 3 males, 1 female PT
- tridentata* Mesnil, 1961: 703 (*Meigenia*) – male HT

REFERENCES

- Mesnil LP (1956) 64g. Larvaevorinae (Tachinidae). In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 10(1), Lief. 192: 513–560
- Mesnil LP (1961) 64g. Larvaevorinae (Tachinidae). In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 10(1), Lief. 219: 657–704

Family: Tephritidae

- admissa* Hering, 1961: 326 (*Tephritis*) – male HT; 2 males, 4 females PT

- admirandum* Hering, 1953: 346 (*Chaetostoma*) – male HT
- aethiops* Hering, 1939: 143 (*Neanomoea*) – female HT
Remarks: Assigned to *Philophylla* Rondani.
- afghana* Hering, 1961: 322 (*Tephrella*) – female HT; 6 females PT
Remarks: Assigned to *Aciura* R.-D. Holotype is not as stated on label.
- apicata* Freidberg, 1979: 16 (*Myopites*) – 1 male, 1 female PT
- crinita* Hering, 1961: 328 (*Tephritis*) – female HT
Remarks: Wing is mounted.
- fukienica* Hering, 1939: 146 (*Platensina*) – female HT; 1 male PT
- hermonis* Freidberg, 1974: 49 (*Urophora*) – 1 male, 1 female PT
- maccus virgulata* Hering, 1961: 329 (*Tephritis*) – 2 males PT
- occultus* Hering, 1939: 144 (*Phagocarpus*) – male HT
Remarks: Assigned to *Anomoia* Walker. Holotype is highly damaged, only wing and some legs remain. Synonym of *A. klossi* (Edwards).
- pallescens* Hering, 1961: 326 (*Tephritis*) – male HT
Remarks: Wing is mounted.
- parvisetalis* Hering, 1939: 144 (*Rioxoptilona*) – male HT
Remarks: Assigned to *Chaetomerella* De Meijere (Korneyev pers. comm.).
- setibasis* Hering, 1953: 346 (*Euleia*) – male HT
Remarks: Assigned to *Acidiella* Hendel (Korneyev pers. comm.).
- sonchina* Hering, 1937: 112 (*Tephritis*) – 1 male, 1 female PT
- vilis* Hering, 1961: 325 (*Galada*) – female HT
Remarks: HT highly damaged. Assigned to *Terellia* Robineau-Desvoidy.

REFERENCES

- Freidberg A (1974) Descriptions of new Tephritidae (Diptera) from Israel. Journal of the Entomological Society of Southern Africa 37(1): 49–62
- Freidberg A (1979) On the taxonomy and biology of the genus *Myopites* (Diptera: Tephritidae). Israel Journal of Entomology 13: 13–26
- Hering EM (1939) Vier neue Bohrfliegen von Fukien (Dipt. Trypet.). Decheniana 98(B): 143–147
- Hering EM (1953) Bohrfliegen von Fukien (Dipt.) II. Bonner zoologische Beiträge 4(3–4): 345–347
- Hering EM (1961) Ergebnisse der Deutschen Afghanistan-Expedition 1956 der Landessammlungen für Naturkunde Karlsruhe Trypetidae. Beiträge zur naturkundlichen Forschung in Südwestdeutschland 19: 319–331
- Hering M (1937) Drei neue Bohrfliegen-Metamorphosen aus der Manscherei. 20. Beitrag zur Kenntnis der Trypetidae (Dipt.). Arbeiten Physiologische angewandte Entomologie, Berlin-Dahlem 4: 110–115

Family: Thaumaleidae

concava Sinclair, 2008: 6 (*Austrothaumalea*) – 3 males, 1 female PT

japonica Sinclair & Saigusa, 2002: 176 (*Trichothaumalea*) – 2 males PT (pinned), 1 female PT (in alc.)

ramosa Sinclair, 2008: 6 (*Austrothaumalea*) – 3 males, 2 females PT

REFERENCES

Sinclair BJ, Saigusa T (2002) A new species of the seepage midge genus *Trichothaumalea* Edwards from Japan (Diptera: Culicomorpha: Thaumaleidae). *Insect Systematics & Evolution* 33: 175–184

Sinclair BJ (2008) New species of *Austrothaumalia* Tonnoir from Australia (Diptera: Thaumaleidae). *Records of the Australian Museum* 60: 1–12

Family: Tipulidae (s. lat.)

absentiva Mannheims, 1951: 64 (*Prionocera*) – 3 males PT

Remarks: Synonym of *dimidiata* Loew.

aciculata loxia Starý, 1983: 15 (*Ormosia* s.s.) – 2 males PT

acudens Theischinger, 1977: 8 (*Tipula (Lunatipula)*) – male HT; 1 female PT

Remarks: Holotype dissected.

acuminata Mendl, 1972: 150 (*Dicranota (Plectromyia)*) – male HT (in alc.); 1 male, 1 female PT (in alc.)

adrastea Starý & Mendl, 1984: 123 (*Ellipteroides (Protogonomyia)*) – 1 male PT

adusta lucistriata Mannheims & Savchenko, 1967: 152 (*Tipula (Lunatipula)*) – 2 females PT

aegina Alexander, 1970: 73 (*Antocha (Antocha)*) – 4 PT

Remarks: All specimens damaged.

alexanderi Mendl & Tjeder, 1974: 247 (*Baeoura*) – 9 males, 8 females PT (in alc.)

alexanderianus Nielsen, 1963: 7 (*Molophilus (Molophilus)*) – 1 male PT

algira Vaillant, 1953: 3 (*Dolichocheza*) – 1 male, 1 female PT

Remarks: Synonym of *D. fuscipes* Bergroth.

alhena Alexander, 1953: 748 (*Tipula*) – 1 male PT

Remarks: Assigned to subgenus *Sivatipula* Alexander. Paratype collected 4–12.v.1952.

alpina Bangerter, 1948: 187 (*Dicranomyia*) – 4 males, 1 female PT (in alc.)

Remarks: Label data does not match literature.

amicorum Mannheims & Theowald, 1959: 47 (*Tipula (Lunatipula)*) – 1 female PT

Remarks: Synonym of *laetabilis* Zetterstedt.

ampullifera Mannheims, 1965: 195 (*Tipula (Lunatipula)*) – male HT; 1 male, 2 females PT

amseli Mannheims, 1961: 310 (*Tipula (Yamatotipula)*) – 1 male, 1 female PT

Remarks: Synonym of *T. subprotrusa* Savchenko.

anatoliensis Theowald, 1978: 424 (*Tipula (Mediotipula)*) – male HT; 1 female PT

anderi Tjeder, 1948: 96 (*Prionocera*) – 1 male PT

Remarks: Synonym of *P. pubescens* Loew.

angelica Theowald, 1957: 253 (*Tipula*) – 1 pupal exuviae PT

Remarks: Species based on pupal exuviae.

anthe Mannheims, 1968: 308 (*Tipula (Lunatipula)*) – male HT

antica anticoides Alexander, 1940: 379 (*Tanyptera*) – female HT

antilope Theischinger, 1977: 17 (*Tipula (Lunatipula)*) – 1 male, 1 female PT (in alc.)

aphrodite Mannheims, 1963: 169 (*Tipula (Lunatipula)*) – male HT; 8 females PT

appendiculata pertenua Oosterbroek, 1978: 52 (*Nephrotoma*) – 3 males, 2 females PT

aquilina Starý, 1984: 236 (*Limonia*) – 3 males, 1 female PT

aragoniensis Theowald, 1978: 416 (*Tipula (Mediotipula)*) – 1 male, 1 female PT

ariadne Mannheims, 1954: 169 (*Tipula (Lunatipula)*) – male HT; 1 female PT

armata Mendl, 1985: 196 (*Baeoura*) – male HT (in alc.); 1 female PT (in alc.)

Remarks: HT dissected, pinned separately (No. 304).

armatissimus Bangerter, 1947: 360 (*Molophilus*) – 1 male PT (in alc.)

Remarks: Synonym of *appendiculata* (Staeger).

arnoudi Theowald, 1971: 234 (*Limnophila (Limnophila)*) – 3 males PT

Remarks: One PT label data does not match locality date description.

asbolodes Speiser, 1909: 57 (*Tipula*) – 1 male ST

Remarks: Male genitalia only.

astigma Pierre, 1925: 9 (*Nephrotoma*) – 3 males PNT

Remarks: NT designated by Oosterbroek (1978) (PNT have no status).

atlas Pierre, 1924: 91 (*Tipula*) – 1 male ST

aureola Mannheims, 1952: 89 (*Tipula (Tipula)*) – 3 males PT

Remarks: Ass. under subgenus *Acutipula* Alexander.

auriculata Mannheims, 1963: 158 (*Tipula (Lunatipula)*) – 1 male PT

austriaca Mannheims & Theowald, 1959: 24 (*Pales*) – male LT

Remarks: LT designated by Mannheims in Mannheims & Pechlander (1963: 14).

bakundu Jong, 1984: 33 (*Tipula (Acutipula)*) – male HT

baldensis Mendl, 1974: 13 (*Ormosia (Ormosia)*) – male HT (in alc.); 2 males, 2 females PT (in alc.)

Remarks: Two females labeled as paratypes, collected 21.8.73 from Stausee are not listed in types series (other male PT not found).

- balearica** Mannheims, 1968: 305 (*Tipula (Lunatipula)*) – 1 male, 1 female PT
- bamileke** Jong, 1984: 35 (*Tipula (Acutipula)*) – male HT
- bangerteri** Mendl, 1974: 205 (*Limonia (Dicranomyia)*) – male HT (in alc.); 1 female PT (in alc.)
- benesignata** Mannheims, 1954: 35 (*Tipula (Oreomyza)*) – 3 males, 4 females PLT
Remarks: LT designated by Mannheims & Pechanger (1963: 29).
- berytia** Mannheims, 1963: 158 (*Tipula (Lunatipula)*) – 1 male PT (in alc.)
- bezzii** Mannheims & Theowald, 1959: 43 (*Tipula (Lunatipula)*) – 15 males, 8 females PT
- bifastigatus** Mendl, 1987: 371 (*Ellipteroides (Ellipteroides)*) – male HT (in alc.)
Remarks: HT dissected, pinned separately (No. 638).
- bimaculata** Riedel, 1913: 105 (*Tipula*) – 2 males, 1 female ST
- bioculata** Alexander, 1960: 209 (*Tipula (Acutipula)*) – 1 male PT
- bivittata** Pierre, 1921: 23 (*Tipula*) – 1 male ST
- brevicornis** Lundström, 1912: 46 (*Tipula*) – 1 male ST
- brevispina** Pierre, 1920: 163 (*Tipula*) – 1 male ST
- brolemanni** Pierre, 1921: 262 (*Tipula*) – 1 male PLT
Remarks: LT designated by Theowald (1978: 413).
- bubiana** Jong, 1984: 37 (*Tipula (Acutipula)*) – male HT
- buchholzi** Mannheims & Theowald, 1959: 45 (*Tipula (Lunatipula)*) – male HT; 2 males PT
- bulbosa** Mannheims, 1954: 162 (*Tipula (Lunatipula)*) – male HT; 7 males, 4 females PT
- caerulea** Starý, 1987: 261 (*Cheilotrichia (Empeda)*) – 1 male PT (in alc.)
- caerulea** Mannheims & Nielsen, 1953: 586 (*Tipula (Oreomyza)*) – female HT
Remarks: Synonym of *T. laetibasis* Zetterstedt.
- callisto** Alexander, 1944: 297 (*Tipula*) – 1 female PT
Remarks: Specimen partly destroyed.
- capniuera** Speiser, 1909: 59 (*Tipula*) – 1 male PT
Remarks: Male genitalia only.
- capreola** Mannheims, 1966: 498 (*Tipula (Lunatipula)*) – 3 males PT
- carbo sikkimensis** Alexander, 1964: 65 (*Elephantomyia (Elephantomyia)*) – 1 male PT
- carib** Alexander, 1970: 5 (*Tipula (Microtipula)*) – 1 male PT
Remarks: PT destroyed; collected 1964, not 1965.
- cassiope** Mannheims, 1966: 241 (*Tipula (Lunatipula)*) – male HT; 1 male PT
- castellanii** Mannheims & Theowald, 1959: 52 (*Tipula (Oreomyza)*) – 1 male PT
- cataloniensis** Theowald, 1978: 417 (*Tipula (Lunatipula)*) – male HT; 1 male, 1 female PT
- caudispina parnonensis** Theischinger, 1979: 296 (*Tipula (Lunatipula)*) – male HT
- cedrophila** Mannheims, 1963: 150 (*Tipula (Lunatipula)*) – 2 females PT
- cerva** Mannheims & Theowald, 1959: 34 (*Tipula (Lunatipula)*) – 3 males, 3 females PT
- cervula** Mannheims & Theowald, 1959: 34 (*Tipula (Lunatipula)*) – male HT; 2 males, 3 females PT
- chandra** Alexander, 1964: 294 (*Limonia (Dicranomyia)*) – 1 male PT
- chrysophaea** Alexander, 1941: 27 (*Tanyptera*) – female HT
- cinerella** Pierre, 1919: 614 (*Tipula*) – 1 male ST
- circe** Mannheims, 1954: 168 (*Tipula (Lunatipula)*) – 1 male PT
- cirratula** Oosterbroek, 1997: 191 (*Tipula (Lunatipula)*) – 9 males, 3 females PT
- claessoni** Mendl, 1986: 235 (*Molophilus*) male HT (in alc.); 1 male, 2 females PT (in alc.)
Remarks: HT dissected, pinned separately (No. 636).
- clavistylus** Mendl, 1979: 178 (*Molophilus*) – male HT (in alc.)
Remarks: HT dissected, pinned separately (No. 239).
- clio** Mannheims, 1954: 165 (*Tipula (Lunatipula)*) – male HT; 3 males, 4 females PT
- clotho** Alexander, 1964: 285 (*Limonia (Dicranomyia)*) – 1 male, 2 ? PT
- complicata** Meijere, 1918: 129 (*Dicranomyia*) – 1 male, 1 female ST
Remarks: Assigned as subspecies of *D. melleicauda* Alexander.
- conchifera** Mannheims, 1968: 309 (*Tipula (Lunatipula)*) – male HT; 6 males, 11 females PT
Remarks: Synonym of *T. cinereicolor* Pierre.
- consimilis** Mendl, 1987: 11 (*Dicranota (Paradicranota)*) – male HT; 7 males (in alc.), 1 male (pinned) PT
Remarks: HT dissected, pinned separately (No. 652).
- cornicula** Pierre, 1921: 149 (*Tipula*) – male NT; 1 male, 1 female PNT
Remarks: NT designated by Theowald (1973: 324) (PNT have no status).
- crassa** Starý, 2004: 671 (*Rhabdomastix (Rhabdomastix)*) – 2 males, 12 females PT (in alc.)
- cremeri** Alexander, 1940: 393 (*Tipula (Vestiplex)*) – female HT
- cretica** Mendl, 1979: 170 (*Dicranomyia (Salebria)*) – male HT (in alc.); 4 males, 1 female PT (in alc.)
Remarks: HT dissected, pinned separately (No. 244).
- cretis** Mannheims, 1965: 194 (*Tipula (Lunatipula)*) – male HT; 2 males PT
- curtipennis** Mannheims, 1961: 4 (*Tipula (Acutipula)*) – 1 male PT
- curvata** Theischinger, 1977: 4 (*Tipula (Lunatipula)*) – male HT
- cypris** Mannheims, 1963: 156 (*Tipula (Lunatipula)*) – male HT; 3 females PT

- handschiniana** Mannheims, 1950: 73 (*Tipula (Vestiplex)*) – 3 males, 2 females PT
Remarks: Synonym of *T. cisalpina* Riedel.
- harmonia** Mannheims, 1966: 241 (*Tipula (Lunatipula)*) – male HT; 1 male PT
- hartigi** Mannheims, 1950: 76 (*Tipula (Vestiplex)*) – 6 males, 2 females PT
Remarks: Assigned as subspecies of *scripta* Meigen.
- hartigi** Mannheims, 1951: 49 (*Pales*) – male HT; 3 males, 1 female PT
Remarks: Synonym of *N. crocata* Linnaeus; HT dissected, pinned beneath.
- hartwigi** Alexander, 1974: 407 (*Limnophila (Afrolimnophila)*) – male HT
Remarks: Genitalia mounted on slide and housed in USNM.
- helvetica** Mannheims & Theowald, 1951: 24 (*Pales*) – male LT; 4 males PLT
Remarks: LT designated by Mannheims (1963); 3 PLT dissected, pinned beneath.
- hemiptera** Mannheims, 1953: 130 (*Tipula (Vestiplex)*) – female HT
- hemmingseni** Nielsen, 1959: 65 (*Phyllolabis*) – 2 males, 1 female PT
- hemopterandra** Bezzi, 1924: 231 (*Tipula (Vestiplex)*) – 1 male, 1 female ST
- hera** Theischinger, 1979: 300 (*Tipula (Lunatipula)*) – male HT; 1 male, 1 female PT
Remarks: HT, 1 PT dissected, pinned beneath.
- herculeanus** Alexander, 1940: 383 (*Ctenacroscelis*) – male HT
- hermes** Theischinger, 1977: 30 (*Tipula (Lunatipula)*) – male HT
- hispanolivida** Mannheims, 1968: 304 (*Tipula (Lunatipula)*) – male HT; 9 males, 6 females PT
- huguenini** Bangerter, 1947: 368 (*Gonomyia (Ellipteroides)*) – 1 male, 1 female PT (in alc.)
- iberica** Mannheims, 1963: 144 (*Tipula (Lunatipula)*) – 38 males, 17 females PT
- ida** Starý & Mendl, 1984: 125 (*Ellipteroides (Protogonomyia)*) – male HT (in alc.); 38 males, 31 females (in alc.)
Remarks: Genitalia pinned separately (No. 531); female genitalia (No. 532).
- iliensis** Mannheims, 1965: 192 (*Tipula (Lunatipula)*) – male HT; 1 female PT
- incristata** Mannheims, 1958: 8 (*Pales*) – 3 male, 1 female PT
- incurvus** Mendl, 1979: 179 (*Molophilus*) – male HT (in alc.); 4 males PT (in alc.)
Remarks: HT dissected, pinned separately (No. 185).
- inermis** Mendl, 1979: 176 (*Ilisia (Ilisia)*) – male HT; 1 female PT (in alc.)
Remarks: HT dissected, enclosed in tube.
- insulana** Savchenko, 1971: 14 (*Arctoconopa*) – 1 male, 1 female PT
- interjecta** Starý, 1974: 1 (*Limonia (Limonia)*) – 1 male PT
- intermedia** Bangerter, 1947: 354 (*Ilisia*) – 4 males PT (in alc.)
Remarks: Synonym of *sororcula* (Lackschewitz).
- intermixta** Riedel, 1913: 40 (*Tipula*) – male PNT
Remarks: NT designated by Theowald (1970) (PNT has no status).
- ismene** Mannheims, 1969: 255 (*Tipula (Acutipula)*) – male HT; 7 males, 4 females PT
Remarks: One male PT dissected, pinned separately.
- isparta** Vermoolen, 1983: 70 (*Tipula (Acutipula)*) – 1 male, 2 females PT
Remarks: One male PT dissected, pinned beneath.
- japvoensis** Alexander, 1953: 742 (*Ctenacroscelis*) – 1 female PT
- jeekeli** Mannheims & Theowald, 1959: 49 (*Tipula (Oreomyza)*) – 4 males, 3 females PT
- jenaro** Alexander, 1969: 174 (*Dolichopeza (Megistomastix)*) – 1 male PT
- jordansi** Mannheims, 1954: 181 (*Tipula (Lunatipula)*) – male HT; 9 males, 4 females PT
Remarks: Assigned as subspecies of *pannonia* Loew.
- kallemuelleri** Mendl, 1984: 101 (*Molophilus*) – male HT (in alc.); 3 females PT (in alc.)
Remarks: HT dissected, pinned separately (No. 624).
- kashongensis** Alexander, 1966: 220 (*Limnophila (Dicranophragma)*) – 1 male, 1 female PT
- kaszabi** Mannheims & Savchenko, 1973: 260 (*Limonia (Dicranomyia)*) – 1 male PT
- kerkis** Theischinger, 1977: 14 (*Tipula (Lunatipula)*) – male HT
- kinensis** Alexander, 1934: 17 (*Limonia (Dicranomyia)*) – 1 male, 1 female PT (in alc.)
Remarks: Assigned to subgenus *Glochina* Meigen.
- klapperichi** Alexander, 1940: 386 (*Tipula (Nippotipula)*) – female HT
- kleinschmidti** Mannheims, 1950: 241 (*Tipula (Tipula)*) – 3 males, 1 female PT
Remarks: One male PT partially dissected, mounted beneath.
- klementi** Mendl, 1973: 68 (*Molophilus*) – male HT (in alc.); 6 males PT (in alc.)
Remarks: HT + 1 male PT dissected, microvial in tube.
- koreana** Tangeldar, 1984: 57 (*Nephrotoma*) – 1 female PT
Remarks: PT dissected, pinned beneath.
- kosswigi** Mannheims, 1953: 135 (*Tipula (Vestiplex)*) – male HT; 2 males, 4 females PT
- kostjukovi** Savchenko, 1971: 16 (*Arctoconopa*) – 1 male PT
- kreissli** Theischinger, 1987: 104 (*Tipula (Lunatipula)*) – male HT
Remarks: HT dissected, pinned beneath.

- kuatunensis* Alexander, 1940: 397 (*Tipula* (*Oreomyza*)) – male HT
Remarks: Assigned to subgenus *Pterelachisus* Rondani.
- kumerloevae* Mannheims, 1968: 317 (*Tipula* (*Lunatipula*)) – male HT; 1 female PT
Remarks: HT and PT dissected, pinned beneath.
- kybele* Mannheims, 1968: 310 (*Tipula* (*Lunatipula*)) – male HT; 35 males, 8 females PT
- kybele russula* Theischinger, 1977: 35 (*Tipula* (*Lunatipula*)) – male HT; 2 males, 2 females PT
- lackschewitzi* Bangerter, 1947: 357 (*Ormosia*) – 5 males, 1 female PT (in alc.)
- lackschewitziana* Mendl, 1988: 126 (*Dicranota* (*Paradicranota*)) – 1 male PT
Remarks: PT dissected, pinned separately (No. 668).
- laetoidea* Starý, 2004: 666 (*Rhabdomastix* (*Rhabdomastix*)) – 1 male, 1 female PT
- lanispina* Mannheims, 1966: 499 (*Tipula* (*Lunatipula*)) – 1 male, 2 females PT
- lateralis solstitialis* Westhoff, 1879: 45 (*Tipula*) – male NT
Remarks: NT designated by Mannheims (1952: 100); Synonym of *pierrei* Tonnoir.
- latistyla* Starý, 1977: 68 (*Austrolimnophila* (*Austrolimnophila*)) – 1 male, 1 female PT (in alc.)
- leda* Mannheims, 1965: 179 (*Tipula* (*Lunatipula*)) – male HT; 1 male, 4 females PT
Remarks: Four female PT removed from *leda* and assigned to *lunata* group (Theischinger 1979).
- lempkei* Oosterbroek, 1978: 42 (*Nephrotoma*) – 1 male, 2 females PT
- lesnei* Pierre, 1921: 300 (*Tipula*) – 1 male ST
Remarks: Assigned to subgenus *Lunatipula* Edwards; subspecies of *macquarti* Becker.
- leto* Mannheims, 1966: 241 (*Tipula* (*Lunatipula*)) – male HT; 3 males, 1 female PT
- lindbergi* Nielsen, 1962: 166 (*Limonia* (*Limonia*)) – 1 male PT
- lindneri* Mannheims, 1961: 4 (*Goniotipula*) – 1 male PT
- lindneri* Mannheims, 1951: 53 (*Pales*) – male HT; 10 males, 11 females PT
Remarks: As subspecies of *croceiventris* Strobl.
- lindneri* Mannheims, 1959: 151 (*Phyllolabis*) – male HT; 2 females PT
- lindneri* Nielsen, 1963: 2 (*Taphrophila*) – 3 males, 3 females PT
Remarks: One PT dissected, pinned beneath.
- lipernes* Alexander, 1971: 243 (*Shannonomyia*) – 1 male PT
- lithophila* Savchenko, 1968: 921 (*Tipula* (*Lunatipula*)) – 1 male, 1 female PT
- livida aspasia* Mannheims, 1968: 296 (*Tipula* (*Lunatipula*)) – male HT; 4 females PT
- livida sardolivida* Mannheims & Theowald, 1968: 296 (*Tipula* (*Lunatipula*)) – male HT; 65 males, 4 females PT
- Remarks:** No specific number of paratypes were listed in original publication, only numerous or “Zahlreiche”. Consequently, all specimens with appropriate date and locality present were assumed to be paratypes, whether they were labeled or not labeled as such; 1 PT dissected.
- longisternata* Alexander, 1967: 557 (*Nephrotoma*) – 1 male PT
- luctuosa* Mannheims, 1963: 33 (*Tipula* (*Acutipula*)) – male HT
Remarks: HT partially dissected, mounted below.
- luctuosipes* Alexander, 1953: 172 (*Erioptera* (*Hoploerrioptera*)) – 1 male, 1 female PT
- luna* Westhoff, 1879: 47 (*Tipula*) – male NT; 1 male, 2 females PNT
Remarks: NT designated by Mannheims (1959: 158); (PNT have no status).
- lundbladi* Mannheims, 1962: 134 (*Tipula* (*Savtshenkia*)) – male HT
- luteicostalis longisector* Alexander, 1940: 381 (*Dictenidia*) – female HT
- luteinotalis* Alexander, 1940: 388 (*Tipula* (*Acutipula*)) – male HT; 2 females PT
- luteobasalis alata* Theowald, 1980: 484 (*Tipula* (*Pterelachisus*)) – male HT; 1 female PT
- macciana* Edwards, 1928: 187 (*Tipula*) – 1 male ST
- macropeliostigma* Mannheims, 1954: 163 (*Tipula* (*Lunatipula*)) – 1 male PT
Remarks: PT missing from collection.
- macropteryx* Tjeder, 1955: 225 (*Limnophila* (*Idioptera*)) – 1 male, 1 female PT
- malickyi* Mendl, 1975: 22 (*Ormosia* (*Rhypholophus*)) – male HT (in alc.); 1 male, 3 females PT (in alc.)
- malickyi* Mendl & Tjeder, 1976: 237 (*Baeoura*) – 7 males, 27 females PT (in alc.)
- malickyiana* Mendl, 1985: 155 (*Tasiocera* (*Dasymolophilus*)) – male HT (in alc.)
Remarks: HT dissected, pinned separately (No. 623).
- manipurensis* Alexander, 1967: 571 (*Dolichopeza* (*Nesozepeza*)) – 1 male PT
- manipurensis* Alexander, 1964: 151 (*Malaisemyia*) – 1 male PT
- mannheimsi* Mendl, 1974: 214 (*Erioptera* (*Ilisia*)) – male HT (in alc.); 1 male (in alc.); 2 males, 1 female (pinned) PT
Remarks: Assigned to *Hoplolabis* (*Parilisia*).
- mannheimsi* Alexander, 1960: 15 (*Austrolimnophila* (*Austrolimnophila*)) – male HT (in alc.)
- mannheimsi* Savchenko, 1966: 260 (*Nephrotoma*) – male HT; 2 males, 1 female PT
Remarks: Synonym of *pullata* Alexander.
- mannheimsiana* Alexander, 1953: 746 (*Tipula* (*Acutipula*)) – 1 male, 1 female PT
- mannheimsiana* Nielsen, 1961: 112 (*Phyllolabis*) – 2 males PT

- margaritae* Alexander, 1948: 371 (*Phacelodocera*) – 1 male PT
Remarks: Genus now subgenus of *Ptilogyne* Enderlein.
- mariposa* Alexander, 1946: 187 (*Tipula* (*Lunatipula*)) – 1 male PT
Remarks: Specimen completely destroyed.
- martinovskiyi* Starý, 1974: 5 (*Dicranota* (*Paradicranota*)) – 1 male PT
- mecogastra* Alexander, 1964: 305 (*Limonia* (*Dicranomyia*)) – 1 male PT
- melpomene* Mannheims, 1954: 166 (*Tipula* (*Lunatipula*)) – male HT; 3 males, 2 females PT
- mendli* Starý, 1987: 267 (*Cheilotrichia* (*Empeda*)) – 7 males, 11 females PT (in alc.)
- mendli* Martinovsky, 1976: 52 (*Tipula* (*Lunatipula*)) – 1 male PT (in alc.)
- mendli* Savchenko, 1983: 58 (*Prionolabis*) – 4 males PT (in alc.)
- meridiana* Mendl, 1974: 210 (*Cheilotrichia*) – male HT (in alc.); 27 males, 2 females PT (in alc.)
- meridiana* Mendl, 1988: 95 (*Dicranota* (*Rhaphidolabina*)) – male HT (in alc.); 5 males, 1 female PT (in alc.)
Remarks: HT dissected, pinned separately (No. 337).
- micropeliostigma* Mannheims, 1965: 207 (*Tipula* (*Lunatipula*)) – male HT
Remarks: Genitalia in microvial on separate pin.
- minima* Mendl, 1974: 221 (*Tasiocera* (*Dasymolophilus*)) – male HT (in alc.); 59 males PT (in alc.)
- minor distinguenda* Starý, 1983: 10 (*Erioptera* (*Erioptera*)) – 1 male PT
- minuscula* Mannheims, 1951: 40 (*Pales*) – 2 males, 1 female PT
- mixta* Starý 1983: 2 (*Ula* (*Ula*)) – 1 male PT
- miyamotoi claripennis* Mannheims, 1967: 202 (*Ctenophora*) – male HT
Remarks: Synonym of *C. nigriceps* Tjeder.
- monstrosus* Mendl, 1974: 218 (*Molophilus*) – male HT (in alc.); 5 males PT (in alc.)
Remarks: HT dissected, pinned separately (No. 718).
- montifer* Theischinger, 1977: 5 (*Tipula* (*Lunatipula*)) – male HT
Remarks: Dissected (pinned beneath).
- nasuta* Oosterbroek, 1975: 121 (*Nephrotoma*) – male HT; 1 male, 2 females PT
- nausicaa* Mannheims, 1966: 220 (*Tipula* (*Lunatipula*)) – male HT, 23 males, 8 females PT
- neorina* Alexander, 1953: 739 (*Longurio* (*Longurio*)) – 1 male PT
Remarks: Assigned to *Leptotarsus* Guérin-Méneville.
- nielsenii* Mannheims & Theowald, 1959: 29 (*Tipula* (*Oreomyza*)) – 3 males, 1 female PLT
Remarks: LT designated by Mannheims & Pechlaner (1963: 26).
- nielsenii* Mannheims, 1959: 153 (*Phyllolabis*) – male HT; 4 males, 1 female PT
- nietherhammeri* Mannheims, 1969: 253 (*Tipula* (*Acutipula*)) – male HT; 4 males, 6 females PT
- nigdeensis* Bischof, 1905: 172 (*Tipula*) – 1 male, 1 female PLT
Remarks: LT designated by Mannheims (1968: 320).
- nigritana* Mannheims, 1961: 11 (*Pales*) – 1 female PT
Remarks: Assigned to *Nephrotoma* Meigen.
- nigrofemoratus* Alexander, 1967: 541 (*Ctenacroscelis*) – 1 male PT
- nimbipennis* Alexander, 1941: 407 (*Triogma*) – male HT; 1 male, 3 females PT
- oleracea* Linnaeus, 1758: 585 (*Tipula*) – male NT; 3 males PNT
Remarks: NT designated by ICZN (1980) 37: Opinion 1160, using specimens identified in Mannheims (1952: 77, Fig. 39b); PNT have no status.
- orientobifida* Savchenko, 1983: 85 (*Ormosia* (*Ormosia*)) – 3 males PT (in alc.)
- padana* Dufour, 1981: 125 (*Tipula* (*Pterelachisus*)) – 20 males, 3 females PT
- palitans* Alexander, 1965: 350 (*Tipula* (*Eumicrotipula*)) – 1 male PT
Remarks: Specimen partly destroyed.
- pallidivena* Alexander, 1969: 372 (*Cryptolabis* (*Cryptolabis*)) – 2 PT
Remarks: Damaged specimens on single pin, sex unknown.
- pan* Mannheims, 1965: 188 (*Tipula* (*Lunatipula*)) – male HT; 45 males, 37 females PT
Remarks: Assigned as subspecies of *macrosele* Strobl.
- pandora* Mannheims, 1968: 306 (*Tipula* (*Lunatipula*)) – male HT; 3 males, 2 females PT
- parallela* Theischinger, 1977: 30 (*Tipula* (*Lunatipula*)) – 13 males PT
- parapeliostigma* Mannheims & Theowald, 1959: 34 (*Tipula* (*Lunatipula*)) – male HT; 2 females PT
Remarks: HT collected 1935 not 1938.
- parasimurg* Savchenko, 1968: 927 (*Tipula* (*Lunatipula*)) – 2 males, 1 female PT
- parvauricola* Alexander, 1940: 400 (*Tipula*) – male HT; 1 male, 4 females PT
Remarks: Assigned to subgenus *Sivatipula* Alexander.
- pauli* Geiger 1983: 639 (*Dicranomyia* (*Salebriella*)) – 1 male PT (in alc.)
- pechlaneri* Mannheims & Theowald, 1959: 29 (*Tipula* (*Oreomyza*)) – male LT; 20 males, 16 females PLT
Remarks: LT designated by Mannheims (1963) in Mannheims & Pechlaner (1963: 25).
- pechlaneri* Mendl, 1976: 279 (*Dactylolabis* (*Dactylolabis*)) – 2 males, 1 female PT
- pelidne* Mannheims, 1965: 198 (*Tipula* (*Lunatipula*)) – male HT; 23 males, 23 females PT
- peliostigma dorica* Mannheims, 1965: 205 (*Tipula* (*Lunatipula*)) – male HT

- Remarks:** Elevated to species.
- pelio stigma pelopea** Mannheims, 1965: 204 (*Tipula (Lunatipula)*) – male HT; 8 males, 8 females PT
- pelio stigma phoenissa** Mannheims, 1965: 205 (*Tipula (Lunatipula)*) – male HT
- Remarks:** Genitalia in microvial on separate pin.
- pelma** Mannheims, 1965: 212 (*Tipula (Lunatipula)*) – male HT
- Remarks:** HT dissected, pinned separately.
- penelope eurykleia** Theischinger, 1979: 289 (*Tipula (Lunatipula)*) – male HT; 3 males, 14 females PT
- penelope** Mannheims, 1954: 171 (*Tipula (Lunatipula)*) – male HT; 5 males, 3 females PT
- phaidra** Mannheims, 1965: 184 (*Tipula (Lunatipula)*) – male HT; 7 males, 2 females PT
- pila** Alexander, 1966: 16 (*Erioptera (Erioptera)*) – 1 male, 1 ? PT
- Remarks:** Both PT on same pin, lower specimen missing abdomen.
- pilosa** Mendl & Geiger, 1992: 150 (*Hoverioptera (Tesse-rioptera)*) – 2 males PT (in alc.)
- pirinensis** Starý, 1971: 95 (*Ormosia (Ormosia)*) – 1 male PT
- plitviciensis** Simova, 1962: 102 (*Tipula (Oreomyza)*) – male LT; 1 female PLT
- Remarks:** LT designated by Theowald (1978: 489).
- plumbea** Fabricius, 1782: 403 (*Tipula*) – 1 male, 1 female PNT
- Remarks:** NT designated by Hollander (1975); (PNT have no status).
- pokorny** Mannheims, 1968: 299 (*Tipula (Lunatipula)*) – 1 female PT
- polydeukes** Theischinger, 1977: 22 (*Tipula (Lunatipula)*) – male HT
- pontica** Savchenko, 1964: 52 (*Tipula (Geotipula)*) – 1 male PNT
- Remarks:** NT designated by Savchenko (1966); (PNT has no status).
- prolixistyla** Alexander, 1971: 169 (*Antocha (Antocha)*) – 2 PT
- Remarks:** All specimens damaged.
- proximus** Mendl, 1979: 182 (*Molophilus*) – male HT (in alc.); 17 males, 38 females PT (in alc.)
- Remarks:** HT mislabeled, likely male from 6.6.75 (No. 242) and not No. 241?
- pseudocrassiventris** Theowald, 1980: 503 (*Tipula (Pterelachisus)*) – 4 males, 2 females PT
- pseudopeliostigma** Mannheims, 1965: 208 (*Tipula (Lunatipula)*) – male HT; 1 male PT
- pseudopropinquus** Mendl, 1973: 71 (*Molophilus*) – male HT (in alc.); 1 male PT (in alc.)
- pseudowolffi** Theischinger, 1979: 143 (*Tipula (Lunatipula)*) – male HT; 5 males, 3 females PT
- quadridens loehmeri** Mendl, 1987: 17 (*Ellipteriodes (Pro-togonomyia)*) – 1 male, 1 female PT (in alc.)
- quadrilobata** Savchenko, 1983: 101 (*Gonomyia (Teucho-gonomyia)*) – 5 males PT (in alc.)
- rauschorum** Theischinger, 1977: 25 (*Tipula (Lunatipula)*) – 1 male, 1 female PT
- reducta** Bangerter, 1947: 373 (*Gonomyia (Lipophleps)*) – 1 male PT (in alc.)
- Remarks:** Specimen labeled as “Topotype”, as stated by Bangerter (1947).
- reductana** Alexander, 1940: 413 (*Limnophila (Adelphomyia)*) – female HT
- reservata** Alexander, 1940: 401 (*Tipula*) – female HT
- retroflexa** Bangerter, 1948: 186 (*Dicranomyia*) – 2 males, 1 female PT (in alc.)
- Remarks:** Synonym of *tristis* (Schummel).
- rifensis** Theowald & Oosterbroek, 1980: 183 (*Tipula (Acutipula)*) – male HT
- robusta** Starý, 2003: 602 (*Rhabdomastix (Lurdia)*) – 1 male, 1 female PT
- robustus** Bangerter, 1947: 366 (*Dasymolophilus*) – 1 male PT (in alc.)
- Remarks:** Label data does not match literature.
- rostrata** Mendl, 1987: 14 (*Dicranota (Paradicranota)*) – male HT (in alc.)
- Remarks:** HT dissected, pinned separately (No. 657).
- rufula** Mannheims & Theowald, 1959: 41 (*Tipula (Lunatipula)*) – 1 male, 3 females PT
- rugulosa** Mannheims & Theowald, 1959: 40 (*Tipula (Lunatipula)*) – 2 males, 2 females PT
- rumpfi** Mannheims & Theowald, 1959: 50 (*Tipula (Oreomyza)*) – 3 males PT
- saccii** Mannheims, 1950: 71 (*Tipula (Vestiplex)*) – 1 male, 1 female PT
- sacerdotula** Riedel, 1918: 114 (*Tipula*) – 2 males ST
- saltatrix** Savchenko, 1964: 1394 (*Tipula (Lunatipula)*) – 1 male, 1 female PT
- sardiniensis** Oosterbroek, 1978: 111 (*Nephrotoma*) – male HT; 7 males, 16 females PT
- Remarks:** Assigned as subspecies of *cornicina* Linnaeus.
- sardosignata** Mannheims & Theowald, 1959: 48 (*Tipula (Oreomyza)*) – 1 male, 1 female PT
- savtshenkoi** Starý, 1972: 3 (*Molophilus (Molophilus)*) – 1 male PT
- savtshenkoi** Mendl, 1976: 36 (*Dicranoptycha (Ulug-bekia)*) – male HT (in alc.); 1 male, 2 females PT (in alc.)
- schachti** Mendl, 1986: 293 (*Baeoura*) – 4 males, 4 females PT (in alc.)
- schaeuffelei** Mannheims, 1964: 2 (*Pales*) – 1 male PT
- Remarks:** Assigned to *Nephrotoma*.
- schmidti** Mannheims, 1952: 88 (*Tipula (Tipula)*) – male HT; 1 male, 2 females PT
- sciurus** Theischinger, 1977: 7 (*Tipula (Lunatipula)*) – male HT

- scurra* Alexander, 1940: 376 (*Pseliophora*) – male HT; 1 female PT
- seguyi* Mannheims, 1954: 174 (*Tipula (Lunatipula)*) – 2 males PT
- selenaria* Mannheims, 1967: 281 (*Tipula (Lunatipula)*) – 4 males PT
- semipeliostigma* Mannheims, 1965: 208 (*Tipula (Lunatipula)*) – male HT
- serena* Alexander, 1969: 360: 2 (*Atarba (Atarba)*) – 2 males PT
Remarks: PT are damaged.
- sexdentata* Nielsen, 1963: 6 (*Gonomyia (Idiocera)*) – male HT; 1 male PT
- sikkimensis* Alexander, 1969: 129 (*Atarba (Atarbodes)*) – 2 males, 1 ? PT
Remarks: PT are partially damaged.
- simulans* Savchenko, 1966: 199 (*Tipula (Savtshenkia)*) – 2 males PT
- sjoestedti* Alexander, 1934: 18 (*Limonia (Dicranomyia)*) – 1 male PT (in alc.)
Remarks: Synonym of *D. incisurata* Lackschewitz.
- smithersiana* Alexander, 1959: 51 (*Nephrotoma*) – 1 female PT
- soosi* Mannheims, 1954: 160 (*Tipula (Lunatipula)*) – 6 males, 2 females PT
- spatha* Oosterbroek, 1975: 119 (*Nephrotoma*) – male HT; 1 male PT
Remarks: PT dissected.
- spathifera* Mannheims, 1953: 5 (*Tipula (Oreomyza)*) – 2 males, 1 female PT (in alc.)
- spinula* Mendl, 1973: 114 (*Erioptera (Ilisia)*) – 4 males, 2 females PT (in alc.)
Remarks: Assigned to *Hoplolabis (Parilisia)*.
- spoliatrix* Alexander, 1940: 387 (*Tipula (Formotipula)*) – male HT; 2 females PT
- stalactitica* Alexander, 1940: 379 (*Dictenidia*) – male HT
Remarks: HT not female as listed in the “Catalog of the Diptera of the Oriental Region”.
- staryi* Mendl, 1973: 65 (*Cheilotrichia (Empeda)*) – male HT (in alc.)
- stenopectera* Mannheims, 1962: 128 (*Tipula (Savtshenkia)*) – 1 male, 1 female PT
- sternalis* Theischinger, 1977: 32 (*Tipula (Lunatipula)*) – male HT; 1 male, 1 female PT
- sternolobatooides* Alexander, 1964: 283 (*Limonia (Dicranomyia)*) – 2 females PT
- stimulosa* Mannheims, 1973: 325 (*Tipula (Lunatipula)*) – male HT; 1 male, 1 female PT (alc.)
Remarks: Species was published in Theowald (1973).
- subanalis* Mannheims, 1951: 57 (*Pales*) – 1 male PT
Remarks: Assigned to *Nephrotoma*.
- subcava* Mannheims, 1963: 172 (*Tipula (Lunatipula)*) – male HT; 26 males, 15 females PT
- subexcisa* Lundström 1907: 14 (*Tipula*) – 1 male ST
- subfalcata* Mannheims, 1967: 272 (*Tipula (Lunatipula)*) – male HT; 3 males, 4 females PT
- subfalcata* Alexander, 1940: 410 (*Pedicia (Pedicia)*) – female HT
- subglacialis* Mannheims & Theowald, 1959: 28 (*Tipula (Oreomyza)*) – male LT; 17 males, 5 females PLT
Remarks: LT designated by Theowald (1980: 508). Assigned to subgenus *Pterelachisus*.
- subhelvola* Mannheims & Theowald, 1959: 39 (*Tipula (Lunatipula)*) – male HT; 7 males, 4 females PT
- subinvenusta* Slípka, 1950: 78 (*Tipula (Oreomyza)*) – male HT; 5 males, 5 females PT
Remarks: Assigned as subspecies of *invenusta* Riedel.
- sublurida* Starý, 2003: 598 (*Rhabdomastix (Lurdia)*) – 1 male, 1 female PT
- submontium* Theowald & Oosterbroek, 1981: 39 (*Tipula (Yamatotipula)*) – 2 males PT
- subonusta* Mannheims & Theowald, 1959: 43 (*Tipula (Lunatipula)*) – male HT; 3 males, 3 females PT
- subpustulata* Mannheims, 1963: 174 (*Tipula (Lunatipula)*) – 7 males, 4 females PT
- subtrunca* Mannheims, 1966: 237 (*Tipula (Lunatipula)*) – male HT
- subtruncata* Mannheims, 1954: 171 (*Tipula (Lunatipula)*) – 1 male, 2 females PLT
Remarks: LT & PLT designated by Mannheims & Theowald (1959) (except some specimens collected in 1957 which were not part of the original type series).
- tananariviana* Alexander, 1960: 215 (*Tipula (Acutipula)*) – 1 male, 1 female PT
Remarks: Label data does not match the literature.
- tatrica* Starý, 2003: 605 (*Rhabdomastix (Lurdia)*) – 1 male, 1 female PT
- terpsichore* Mannheims, 1954: 180 (*Tipula (Lunatipula)*) – male HT; 17 males, 9 females PT
Remarks: Assigned under new name, *thais* Mannheims.
- theia* Mannheims, 1963: 176 (*Tipula (Lunatipula)*) – male HT; 14 males, 9 females PT
- theowaldi* Starý, 1982: 29 (*Gonomyia (Gonomyia)*) – 1 male PT (in alc.)
- theowaldi* Mannheims, 1959: 155 (*Phyllolabis*) – male HT; 4 males, 3 females PT
- tibonella* Theischinger, 1977: 14 (*Tipula (Lunatipula)*) – male HT
- titania* Mannheims, 1966: 244 (*Tipula (Lunatipula)*) – female HT
- tjederi* Mendl, 1974: 30 (*Pedicia (Crunobia)*) – male HT (in alc.)
- tjederi* Savchenko, 1967: 17 (*Phyllolabis*) – 1 male, 1 female PT
- tricuspidatus* Mendl, 1979: 183 (*Molophilus*) – male HT; 8 males, 3 females PT (in alc.)
Remarks: HT dissected, pinned separately (No. 243).
- trigona* Mannheims, 1966: 253 (*Tipula (Lunatipula)*) – male HT

trunca Mannheims, 1954: 170 (*Tipula (Lunatipula)*) – male HT; 2 males, 2 females PT

turca Mannheims, 1963: 165 (*Tipula (Lunatipula)*) – male HT

turcolivida Mannheims, 1968: 298 (*Tipula (Lunatipula)*) – male HT

turgida Oosterbroek, 1997: 193 (*Tipula (Lunatipula)*) – 1 male, 2 females PT

tyche Mannheims, 1966: 496 (*Tipula (Lunatipula)*) – male HT; 2 males, 1 female PT

unguifer Starý, 1978: 346 (*Molophilus (Molophilus)*) – 4 males PT (in alc.)

Remarks: Synonym of *M. vafer* Lackschewitz.

unicornis Alexander, 1961: 208 (*Nephrotoma*) – 1 female PT

urania Mannheims, 1954: 178 (*Tipula (Lunatipula)*) – male HT; 25 males, 15 females PT

ursulae Mannheims, 1965: 206 (*Tipula (Lunatipula)*) – male HT

Remarks: HT damaged, genitalia in microtube pinned separate.

usingeri Alexander, 1966: 107 (*Elliptera*) – 4 PT

Remarks: Two specimens on each pin; all destroyed, sex unknown.

vallanti Theowald, 1977: 8 (*Tipula (Vestiplex)*) – 3 males PT

Remarks: 1 male PT? in alcohol, original specimen identified by Mannheims for published name in Vaillant (1956), same label data as holotype published by Theowald (1977). No indication in description of an alcohol specimen.

vana Savchenko, 1980: 36 (*Gonomyia (Gonomyia)*) – 1 male PT

Remarks: PT dissected, pinned separately.

venerabilis Alexander, 1935: 395 (*Tipula (Oreomyza)*) – 1 male PT

Remarks: Assigned to subgenus *Savtshenkia* Alexander.

veneris Alexander, 1952: 54 (*Limonia (Dicranomyia)*) – 1 male, 1 female, 1 ? PT

verberneae Mannheims & Theowald, 1959: 53 (*Tipula (Vestiplex)*) – 40 males, 12 females PT

whitneyi Alexander, 1923: 161 (*Tipula*) – 1 male PT

wirthiana Alexander, 1970: 46 (*Gonomyia (Paralipophleps)*) – 1 male PT

Remarks: PT damaged.

wolfi Mannheims, 1954: 175 (*Tipula (Lunatipula)*) – male HT; 2 females PT

xuthoptera Alexander, 1966: 266 (*Angarotipula*) – 1 male PT

Remarks: PT damaged.

zangerii Lackschewitz, 1932: 182 (*Tipula*) – 3 males, 3 females PNT

Remarks: NT & PNT designated by Mannheims (1967: 284) (PNT have no status).

zarcoi Mannheims, 1967: 282 (*Tipula (Lunatipula)*) – 28 males, 21 females PT

zernyi Mannheims, 1952: 110 (*Tipula (Schummelia)*) – 2 males, 4 females PT

zwicki Mendl, 1973: 291 (*Pedicia (Tricyphona)*) – male HT (in alc.)

REFERENCES

- Alexander CP (1923) Diptera of the Pribilof Islands, Alaska (Tipulidae and Rhyphidae). North American Fauna 46: 159–169
- Alexander CP (1934) Schwedisch-chinesische wissenschaftliche Expedition nach den nordwestlichen Provinzen Chinas. 32. Diptera. 7. Tipulidae. Arkiv für Zoologi 27A (17): 1–24, pls 1–3
- Alexander CP (1935) New or little-known Tipulidae from eastern Asia (Diptera), XXVIII. Philippine Journal of Science 58: 385–426, pls. 1–4
- Alexander CP (1940) New or little-known Tipulidae from eastern Asia (Diptera), XLIII. Philippine Journal of Science 73: 375–420, pls 1–5
- Alexander CP (1940) New or little-known Tipulidae from eastern Asia (Diptera), XLIV. Philippine Journal of Science 76: 27–66, pls 1–4
- Alexander CP (1941) New species of crane-flies from South America Part IX. (Tipulidae, Diptera). Annals of the Entomological Society of America 34: 231–254
- Alexander CP (1944) New or little-known Tipulidae (Diptera). – LXX. Neotropical species. Annals and Magazine of Natural History (11) 11: 284–311
- Alexander CP (1946) New Nearctic crane-flies (Tipulidae, Diptera). Part XXV. The Canadian Entomologist (1945) 77: 186–191
- Alexander CP (1948) The crane-flies of New Caledonia. (Diptera, Tipulidae). The Transactions of the Royal Entomological Society of London 99: 361–393
- Alexander CP (1952) Los Insectos de las Islas Juan Fernandez. 5. Tipulidae (Diptera). Revista Chilena de Entomologie 2: 35–80
- Alexander CP (1953) Records and descriptions of Japanese Tipulidae (Diptera), Part II. The crane-flies of Shikoku, II. Philippine Journal of Science 82: 141–179, pls 1–4
- Alexander CP (1953) New or little-known Tipulidae (Diptera). XCV. Oriental-Australasian species. Annals and Magazine of Natural History (12) 6: 739–757
- Alexander CP (1959) New or little-known Tipulidae from South-eastern Africa. Part 1. Journal of the Entomological Society of Southern Africa 22: 51–63
- Alexander CP (1960) New exotic crane-flies (Tipulidae: Diptera). Part I. Entomological News 71: 15–20
- Alexander CP (1960) Tipulidae nouveaux ou peu connus de Madagascar. VII (Diptera). Mémoires de l'Institut Scientifique de Madagascar (E) (1959) 11: 201–246
- Alexander CP (1961) Tipulidae nouveaux ou peu connus de Madagascar. VIII (Diptera). Mémoires de l'Institut Scientifique de Madagascar (E) 12: 207–235
- Alexander CP (1964) New exotic crane-flies (Tipulidae: Diptera). Part IX. Entomological News 75: 57–65
- Alexander CP (1964) New or little-known Tipulidae from eastern Asia (Diptera), LIII. Philippine Journal of Science 93: 77–130, pls 1–6

- Alexander CP (1964) New or little-known species of exotic Tipulidae (Diptera). Part XI. Proceedings of the Royal Entomological Society of London (B) 33: 151–156
- Alexander CP (1964) New or little-known Tipulidae from eastern Asia (Diptera), LIV. Philippine Journal of Science 93: 277–324, pls 1–5
- Alexander CP (1965) Undescribed or little-known tropical American Tipulidae (Diptera). Part I. Studia Entomologica 8: 337–352
- Alexander CP (1966) New or little-known Tipulidae from eastern Asia (Diptera), LVI. Philippine Journal of Science 94 (1965): 235–286, pls 1–5
- Alexander CP (1966) New subgenera and species of crane-flies from California (Ptychopteridae and Tipulidae: Diptera). Transactions of the American Entomological Society 92: 103–132
- Alexander CP (1966) New species of Eriopterinae crane flies from southern Asia (Tipulidae: Diptera). Bulletin of the Brooklyn Entomological Society (1964–65) 59–60: 1–22
- Alexander CP (1966) Undescribed species of crane flies from the Himalaya Mountains (Diptera: Tipulidae), XII. Journal of the New York Entomological Society 74: 66–71
- Alexander CP (1966) New exotic crane-flies (Tipulidae: Diptera). Part XIII. Entomological News 77: 217–225
- Alexander CP (1967) New or little-known Tipulidae from eastern Asia (Diptera), LVIII. Philippine Journal of Science 94 (1965): 535–582, pls 1–7
- Alexander CP (1969) New exotic crane-flies (Tipulidae: Diptera). Part XVII. Entomological News 80: 125–130
- Alexander CP (1969) Notes on the tropical American species of Tipulidae (Diptera). Part VIII. Subfamily Tipulinae. Studia Entomologica 12: 161–244
- Alexander CP (1969) Undescribed Neotropical Trichoceridae and Tipulidae (Diptera). Studia Entomologica 12: 341–382
- Alexander CP (1970) Bredin-Archbold-Smithsonian Biological Survey of Dominica. The crane flies (Diptera: Tipulidae). Smithsonian Contributions to Zoology No. 45: 1–59
- Alexander CP (1970) New or little-known species of exotic Tipulidae (Diptera). XVII. Proceedings of the Royal Entomological Society of London (B) 39: 73–78
- Alexander CP (1971) New or little-known species of exotic Tipulidae (Diptera). XVIII. Journal of Entomology (B) 40: 163–172
- Alexander CP (1971) Undescribed or little-known tropical American Tipulidae (Diptera). Part IV. Studia Entomologica 14: 225–266
- Alexander CP (1974) New or insufficiently known African crane flies, III. (Dipt., Tipulidae) Studia Entomologica 17: 383–429
- Bangerter H (1947) Neue Eriopterini (Dipt., Tipulidae). Mitteilungen der Schweizerischen Entomologischen Gesellschaft 20: 353–380
- Bangerter H (1948) Neue Diptera Nematocera. Mitteilungen der Schweizerischen Entomologischen Gesellschaft 21: 186–192
- Bezzi M (1924) Una nuova Tipula delle Alpi. Con ali Ridotte anche nel Machio (Dipt.). Annali del Museo Civico di Storia Naturale di Genova 51: 228–233
- Bischof J (1905) Neuropteren und Dipteren. In: Penther A. & Zederbauer, E. (eds.) Ergebnisse einer naturwissenschaftlichen Reise zum Erdschias-Dagh (Klein-Asien). Annalen des Naturhistorischen Museums in Wien 20: 170–179
- Dufour C (1981) *Tipula (Pterelachisus) padana* sp. n. from southern Switzerland (Ticino, Valais) and northern Italy (Diptera: Tipulidae). Entomologische Berichten, Amsterdam. 41: 125–128
- Edwards FW (1928) The nematoceros Diptera of Corsica. Encyclopédie Entomologique (B II) Diptera 4: 157–189
- Fabricius JC (1782) Species insectorum exhibentes eorum differentias specificas, synonyma, auctorum, loca natalia, metamorphisin adiectis observationibus, descriptionibus. Hamburg et Kilonii (= Hamburg and Kiel) 2: 1–517
- Geiger W (1983) *Dicranomyia (Salebriella) pauli* sp. n. from Western Europe (Diptera Nematocera, Limoniidae). Revue Suisse Zoologie 90(3): 639–642
- Hollander J den (1975) *Tipula (Tipula) plumbea* Fabricius, 1781: designation of a neotype. Bulletin Zoologisch Museum, Universiteit van Amsterdam 4: 53–58
- International Commission of Zoological Nomenclature (1980) Opinion 1160. *Tipula oleracea* Linnaeus, 1758 and related species (Insecta, Diptera): stabilisation by the use of the plenary powers. Bulletin of Zoological Nomenclature 37(4): 216–220
- Jong H de (1984) New Afrotropical species of *Tipula* subg. *Acutipula* Alexander, 1924 (Diptera, Tipulidae). Bulletin Zoologisch Museum. Universiteit van Amsterdam 10: 33–40
- Linnaeus C (1758) Systema naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. Ed. 10, Holmiae (=Stockholm) 1: 1–824
- Lunström C (1907) Beiträge zur Kenntnis der Dipteren Finlands II. Tipulidae (Tipulidae longipalpi Ost.-Sack.). Acta Societatis pro Fauna et Flora Fennica 29(2): 1–27, pls 1–3
- Lunström C (1912) Beiträge zur Kenntnis der Dipteren Finlands VIII. Supplement 2. Mycetophilidae, Tipulidae, Cylindrotomidae und Limnobiidae. Acta Societatis pro Fauna et Flora Fennica 36(1): 1–70, pls 1–7
- Mannheims B (1950) Die *Tipula-oleracea*-Gruppe in Europa, ein Beispiel für Formenkreis-Parallelismus (Dipt., Tipulidae). Syllogomena biologica. Festschrift Kleinschmidt, 231–247
- Mannheims B (1950) Neue *Tipula*-Arten aus Italien (Dipt. Tipulidae). Bonner zoologische Beiträge 1: 70–78
- Mannheims B (1951) 15. Tipulidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 3(5)1, Lief. 167: 1–64
- Mannheims B (1952) 15. Tipulidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 3(5)1, Lief. 170: 65–112
- Mannheims B (1953) 15. Tipulidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 3(5)1, Lief. 173: 113–136
- Mannheims B (1953) Zur Kenntnis der Tipuliden Italiens (Dipt., Tipulidae). Ricerche zoologiche sul Massiccio del Pollino (Lucania-Calabria), VII. Annuario dell'Istituto e Museo di Zoologia della Università di Napoli 5: 1–8
- Mannheims B (1954) Der Tipuliden Griechenlands (Dipt.). Bonner zoologische Beiträge 1: 149–182
- Mannheims B (1954) Die Tipuliden Ostfennoskandiens (Dipt.). Notulae Entomologicae 34: 29–50
- Mannheims B (1958) Ostafrikanische Tipuliden (Dipt.). Stuttgarter Beiträge zur Naturkunde No. 6: 1–12
- Mannheims B (1958) *Pales eburata* n. sp. aus Ost-Afrika (Dipt., Tipulidae). Opuscula Zoologica, München 14: 1–2
- Mannheims B (1959) Die europäischen *Phyllolabis*-Arten (Dipt., Limoniidae). Bonner zoologische Beiträge 10: 149–156
- Mannheims B (1959) Zur Synonymie der europäischen Tipuliden (Dipt.). Bonner zoologische Beiträge 10: 157–159
- Mannheims B (1961) Ergebnisse der Deutschen Afghanistan-Expedition 1956 der Landessammlungen für Naturkunde Karlsruhe. Tipulidae (Diptera). Beiträge zur naturkundlichen Forschung in Südwestdeutschland 19: 309–311
- Mannheims B (1961) Afrikanische Tipuliden (Dipt.). Stuttgarter Beiträge zur Naturkunde Nr. 60: 1–6

- Mannheims B (1962) *Tipula stenoptera* n. sp. von den Azoren (Dipt. Tipulidae). Notulae Entomologicae 42: 128–129
- Mannheims B (1962) Die Tipuliden Madeiras (Dipt. Tipulidae). Notulae Entomologicae 42: 130–136
- Mannheims B (1963) *Tipula (Acutipula) luctuosa* sp.n. aus Italien (Diptera Tipulidae). Bollettino dell'Associazione Romana di Entomologia 18: 33–35
- Mannheims B (1963) Eine *Tipula* der ostasiatischen *sempiterna*-Gruppe in Finnland (Dipt. Tipulidae). Notulae Entomologicae 43: 69–74
- Mannheims B (1963) 15. Tipulidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 3(5)1, Lief. 238: 137–176
- Mannheims B (1964) Tipuliden aus Iran (Dipt.). Stuttgarter Beiträge zur Naturkunde Nr. 126: 1–7
- Mannheims B (1965) 15. Tipulidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 3(5)1, Lief. 256: 177–212
- Mannheims B (1966) Ergebnisse der Albanien-Expedition 1961 des Deutschen Entomologischen Institutes 56. Beitrag. Diptera: Tipulidae. Beiträge zur Entomologie 16: 489–502
- Mannheims B (1966) 15. Tipulidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 3(5)1, Lief. 267: 213–256
- Mannheims B (1967) 15. Tipulidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 3(5)1, Lief. 270: 257–288
- Mannheims B (1967) Eine für Europa neue *Ctenophora*-Art (Diptera, Tipulidae). Bonner zoologische Beiträge 18: 199–206
- Mannheims B (1968) 15. Tipulidae. In: Lindner, E. (ed.) Die Fliegen der palaearktischen Region 3(5)1, Lief. 275: 289–320
- Mannheims B (1969) Zwei neue europäische *Tipula*-Arten der *fulvipennis*-Gruppe. Bonner zoologische Beiträge 20: 253–256
- Mannheims B, Nielsen P (1953) *Tipula (Oreomyza) caerulea* n. sp. (Dipt.). Entomologiske Meddelelser 26: 586–587
- Mannheims B, Pechlaner E (1963) Die Tipuliden Nordtirols (Dipt.). Stuttgarter Beiträge zur Naturkunde Nr. 102: 1–29
- Mannheims B, Savchenko E (1973) Ergebnisse der zoologischen forschungen von Dr. Z. Kaszab in der Mongolei, No. 304. Limoniidae (Diptera). Annles Historico-Naturales Musei Nationalis Hungarici 65: 257–269
- Mannheims B, Theowald B (1959) Die Tipuliden Italiens (Dipt., Tipulidae). Memorie della Società Entomologica Italiana 38: 15–54
- Mannheims B, Savchenko EN (1967) Ergebnisse der zoologischen Forschungen von Dr. Z. Kaszab in der Mongolei (Diptera), 105. Tipulidae. Reichenbachia 9: 147–156
- Martinovský J (1976) *Tipula (Lunatipula) mendli* sp. n. aus der Türkei (Diptera, Tipulidae). Acta Entomologica Bohemoslovaca 73: 52–55
- Meijere JCH de (1918) Neue holländische Dipteren. Tijdschrift voor Entomologie 61: 128–141, pl. 8
- Mendl H (1973) Drei neue Eriopterini aus dem Allgäu (Diptera, Tipulidae). Nachrichtenblatt der Bayerischen Entomologen 22: 65–74
- Mendl H (1973) Eine neue *Ilisia*-Art aus dem Alpenbereich (Diptera, Tipulidae). Nachrichtenblatt der Bayerischen Entomologen 22: 114–117
- Mendl H (1973) Eine neue Limoniine aus der Türkei (Diptera, Tipulidae). Mitteilungen der Schweizerischen Entomologischen Gesellschaft 46: 291–293
- Mendl H (1974) *Plectromyia* Osten-Sacken – ein für die Palaearktis neues Subgenus der Limoniinen Gattung *Dicranota* (s.l.) Zetterstedt. Fragmenta Entomologica, Roma 8: 149–156
- Mendl H (1974) *Ormosia* (s.s.) *baldensis* sp.n. – eine neue Limoniinae aus dem Südalpen (Diptera, Tipulidae). 4. Beitrag zur Kenntnis der Limoniinen-fauna Italiens. Nachrichtenblatt der Bayerischen Entomologen 23: 13–16
- Mendl H (1974) Neue Limoniinen aus Italien (Diptera, Tipulidae). 2. Beitrag zur Kenntnis der Limoniinen-fauna Italiens. Fragmenta Entomologica, Roma 9: 205–224
- Mendl H (1974) Zum Problem der Südlichen gelben *Crunobia* – Arten (Diptera, Tipulidae). 3. Beitrag zur Kenntnis der Limoniinen-fauna Italiens. Fragmenta Entomologica, Roma 10: 25–37
- Mendl H (1975) Eine neue *Ormosia*-Art aus den Alpen (Diptera, Tipulidae). Nachrichtenblatt der Bayerischen Entomologen 24: 21–25
- Mendl H (1976) Neue Limoniiden aus dem Allgäu und von Rhodos (Diptera, Limoniidae). Nachrichtenblatt der Bayerischen Entomologen 25: 33–40
- Mendl H (1976) Limoniiden und Cylindrotomiden aus Nordtirol (Österreich) (Insecta: Diptera – Limoniidae, Cylindrotomidae). Bericht des Naturwissenschaftlich-medizinischen Vereins in Innsbruck 63: 269–285
- Mendl H (1979) Neue und bisher erst wenig bekannte Limoniiden aus dem Mittelmeergebiet (Diptera, Nematocera, Limoniidae). Spixiana 2: 167–185
- Mendl H (1984) *Molophilus kallemuelleri* – eine neue Limoniide aus dem Mittelmeergebiet (Insecta – Diptera Nematocera). Articulata 2(5): 101–103
- Mendl H (1985) Eine neue *Tasiocera*-Art aus dem Mittelmeergebiet (Diptera Nematocera, Limoniidae). Articulata 2(6): 155–157
- Mendl H (1985) Eine neue *Baeoura*-Art aus dem Mittelmeergebiet (Diptera Nematocera: Limoniidae). Articulata 2(7): 196–198
- Mendl H (1986) Eine neue *Molophilus*-Art von Kreta (Diptera Nematocera: Limoniidae). Articulata 2(8): 235–237
- Mendl H (1986) Zwei neue *Baeoura*-Arten aus der Westpaläarktis (Diptera Nematocera: Limoniidae). Articulata 2(9): 293–298
- Mendl H (1987) Eine neue *Ellipteroides*-Art aus der Türkei (Diptera Nematocera: Limoniidae). Articulata 2(10): 371–372
- Mendl H (1987) Zwei neue *Dicranota*-Arten aus dem Mittelmeergebiet (Insecta: Diptera Nematocera – Limoniidae). Articulata 3(1): 11–15
- Mendl H (1987) Eine neue *Protogonomyia*-subspecies aus der Ost-Türkei (Insecta: Diptera Nematocera-Limoniidae). Articulata 3(1): 17–20
- Mendl H (1988) Zwei Vertreter des *Dicranota*-Subgenus *Rhaphidolabina* Alexander 1916 im Mittelmeergebiet (Insecta: Diptera Nematocera – Limoniidae). Articulata 3(2): 93–98
- Mendl H (1988) Zum Problem “*Dicranota reitteri* Mik” sensu Lackschewitz, 1939 (Diptera Nematocera: Limoniidae). Articulata 3(3): 125–130
- Mendl H, Geiger W (1992) Das Genus *Hoverioptera* Alexander, 1963 erstmals für Europa im Tessin/Schweiz nachgewiesen (Diptera Nematocera: Limoniidae, Eriopterinae). Mitteilungen der Schweizerischen Entomologischen Gesellschaft 65: 149–153
- Mendl H, Tjeder B (1974) A new species of *Baeoura* from the Island of Crete (Diptera, Tipulidae). Entomologica Scandinavica 5: 247–250
- Mendl H, Tjeder B (1976) *Baeoura malickyi* n.sp. from the Greek mainland and the island of Rhodos (Diptera: Tipulidae). Entomologica Scandinavica 7: 237–238
- Nielsen P (1959) Three new species of Limoniinae from the Canary Islands. Entomologiske Meddelelser 29: 65–70
- Nielsen P (1961) *Phyllolabis mannhemsiana* n. sp. from the Canary Islands (Diptera, Nematocera). Entomologiske Meddelelser 31: 110–114

- Nielsen P (1962) The 3rd Danish expedition to central Asia. Zoological Results 30. Nematocera (Insecta) from Afghanistan. Videnskabelige Meddelelser fra Dansk naturhistorik Forening i Kjøbenhavn 124: 165–169
- Nielsen P (1963) Records and descriptions of Nematocera from Afghanistan (Contribution à l'étude de la fauna d'Afghanistan Nr. 79). Stuttgarter Beiträge zur Naturkunde Nr. 118: 1–8
- Oosterbroek P (1975) Zwei neue *Nephrotoma*-Arten aus der *cornicina*-gruppe (Diptera, Tipulidae). Bulletin Zoologisch Museum. Universiteit van Amsterdam 4: 119–124
- Oosterbroek P (1978) The western palaeartic species of *Nephrotoma* Meigen, 1803, (Diptera, Tipulidae) Part 1. Beaufortia 27: 1–137
- Oosterbroek P (1994) Notes on western Palaearctic species of the *Tipula* (*Yamatotipula*) *lateralis* group, with the description of a new species from Turkey (Diptera: Tipulidae). European Journal of Entomology 91: 429–435
- Oosterbroek P (1997) New species of *Tipula*, subgenus *Lunatipula*, from Israel and Turkey (Diptera: Tipulidae). Israel Journal of Entomology 31: 179–197
- Oosterbroek P, Vuković M (1989) *Tipula* (*Lunatipula*) *graeca* n. sp. and other species related to *T. (L.) heros* (Diptera: Tipulidae). Entomologische Berichten, Amsterdam 49: 96–100
- Pierre C (1919) Diptères envoyés au Muséum de Paris par l'armée d'Orient: Nematocera, Polyneura. Bulletin du Muséum d'Histoire Naturelle, Paris 25: 612–619
- Pierre C (1920) Descriptions de trois *Tipula* nouveaux de France (Dipt. Tipulidae). Bulletin de la Société Entomologique de France 1920: 162–166
- Pierre C (1921) IV. Diptères: Tipulidae. Bulletin du Muséum d'Histoire Naturelle, Paris 27: 298–301
- Pierre C (1921) Descriptions de trois *Tipula* nouveaux des Pyrénées (Dipt. Tipulidae). Bulletin de la Société Entomologique de France 1921: 262–265
- Pierre C (1921) Nematocera Polyneura Recuillis au Maroc par M. Charles Alluaud (1919–1920) (Insectes Diptères). Bulletin de la Société des Sciences Naturelles du Maroc 1: 21–24
- Pierre C (1921) Nematocera Polyneura Recuillis au Maroc par M. Charles Alluaud (2e liste, 1920–1921) (Insectes Diptères). Bulletin de la Société des Sciences Naturelles du Maroc 1: 148–151
- Pierre C (1924) Tipulidae Nouveaux. Encyclopédie Entomologique (B II) Diptera 1: 79–93
- Pierre C (1925) Tipulidae Nouveaux. Encyclopédie Entomologique (B II) Diptera 2: 7–12
- Pokorny E (1887) Neue Tipuliden aus denn österreichischen Hochalpen. Wiener Entomologischen Zeitung 6: 50–60, pl. 1
- Riedel MP (1913) Die paläarktischen Arten der Dipteren-Gattung *Tipula* L. Abhandlungen und Verhandlungen des Naturwissenschaftlichen Erforschung des Niederrheins, Krefeld 1: 1–122
- Riedel MP (1918) Alte und neue *Tipula*. Archiv für Naturgeschichte 82: 113–118
- Savchenko EN (1964) Crane-flies (Diptera, Tipulidae), Subfam. Tipulinae, Genus *Tipula* L., 2. Fauna USSR, Diptera, 2(4), (N.S.) 89: 1–503 (In Russian)
- Savchenko EN (1964) New species of *Tipula* L. from the *livida*-group (Diptera, Tipulidae). Dopovidi Akademiyi Nauk Ukrayinskoyi RSR (B) 1964: 1394–1397 (In Ukrainian)
- Savchenko EN (1966) Two new eastpalaeartic species of *Nephrotoma* Meig. (Diptera, Tipulidae). Bonner zoologische Beiträge 17: 260–264
- Savchenko EN (1966) Tipulidae. Fauna Ukrainy 14(1): 1–551 (in Ukrainian)
- Savchenko EN (1967) *Phyllolabis* O.-S. – a new for the USSR genus of Limoniid (Diptera, Limoniidae). Vestnik Zoologii 1967(4): 16–21 (In Russian)
- Savchenko EN (1968) New and little known species of crane-flies (Diptera, Tipulidae) from the Transcaucasus. Entomologicheskoe Obozrenie 47: 912–936 (In Russian)
- Savchenko EN (1971) Contributions to the Limoniid-fly (Diptera, Limoniidae) fauna of the USSR. 1. Subfamily Eriopterinae, Genus *Arctocoenopa* Al. Vestnik Zoologii 1971(1): 12–17 (In Russian, with English summary)
- Savchenko EN (1980) Two new species of *Gonomyia* (Diptera, Limoniidae) from Soviet Middle Asia. Vestnik Zoologii 1980(3): 36–41 (In Russian)
- Savchenko EN (1983) Limoniidae of south Primorye. Akademiya Nauk Ukrayinskoyi SSR, Kiev: 1–156 (In Russian)
- Schummel TE (1833) Versuch einer genauen Beschreibung der in Schlesien einheimischen Arten der Gattung *Tipula*. Meigen. Bachmücke. Beiträge Entomologie, Breslau 3: 9–128
- Simova D (1962) Tipulidae nekih krajeva Jugoslavije (Diptera-Nematocera). Fragmenta Balcanica 4: 101–105 (In Macedonian)
- Slípka J (1950) *Tipula* (*Oreomyza*) *subinvenusta* n. sp. (Dipt.). Entomologické Listy 13: 78–82
- Speiser P (1909) 4. Orthorhapha. Orthorhapha Nematocera. Wissenschaftliche Ergebnisse der Schwedischen Zoologische Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaiesteppen Deutsch-Ostafrikas 10 (Diptera): 31–65
- Stárý J (1971) *Ormosia pirinensis* sp. n. und *Molophilus priapoides* sp. n. – Zwei neue Europäische Limoniinen-Arten (Diptera, Tipulidae). Acta Entomologica Bohemoslovaca 68: 95–99
- Stárý J (1972) Zwei neue Arten aus der Unterfamilie Limoniinae (Diptera, Tipulidae). Annotationes Zoologicae et Botanicae, Bratislava 81: 1–5
- Stárý J (1974) Neue Europäische Arten der Unterfamilie Limoniinae (Diptera, Tipulidae). Annotationes Zoologicae et Botanicae, Bratislava 99: 1–9
- Stárý J (1977) Zwei neue *Austrolimnophila*-Arten aus dem Mittelmeerraum (Diptera, Limoniidae). Entomologica 13: 63–70
- Stárý J (1978) Zwei neue europäische Arten aus der Verwandtschaft von *Molophilus undulatus* (Diptera, Limoniidae). Acta Entomologica Bohemoslovaca 75: 344–348
- Stárý J (1981) Some new or little-known European species of *Dicranota* (Diptera, Limoniidae). Acta Entomologica Bohemoslovaca 78: 189–198
- Stárý J (1983) New taxa of Limoniidae from Czechoslovakia (Diptera). Annotationes Zoologicae et Botanicae, Bratislava 154: 1–22
- Stárý J (1984) A remarkable new Limonia from Central Europe (Diptera, Limoniidae). Acta Entomologica Bohemoslovaca 81: 236–239, pl. 1
- Stárý J (1987) New species of Limoniidae from the Mediterranean (Diptera). Bulletin Zoologisch Museum. Universiteit van Amsterdam 9: 25–35
- Stárý J (1987) Revision of European species of the genus *Cheilotrichia*, subgenus *Empeda*. (Diptera, Limoniidae). Acta Entomologica Musei Nationalis Pragae 42: 249–276
- Stárý J (2003) Revision of European species of the genus *Rhabdomastix* (Diptera: Limoniidae). Part 1: Introduction and subgenus *Lurdia* subgen. n. European Journal of Entomology 100: 587–608
- Stárý J (2004) Revision of European species of the genus *Rhabdomastix* (Diptera: Limoniidae). Part 2: Subgenus *Rhabdomastix* s. str. European Journal of Entomology 101: 657–687

- Stary J, Mendl H (1984) Zwei neue *Protogonomyia*-Arten aus Europa. Nachrichtenblatt der Bayerischen Entomologen 33: 122–128
- Tangelder IRM (1984) The species of the *Nephrotoma dorsalis*-group in the Palaearctic (Diptera, Tipulidae). Beaufortia 34: 15–92
- Theischinger G (1977) Neue Taxa von *Lumatipula* Edwards aus der mediterranen Subregion der Paläarktischen (Diptera, Tipulidae, *Tipula* Linnaeus). Beaufortia 26: 1–38
- Theischinger G (1979) Neue Taxa von *Lumatipula* Edwards aus der mediterranen Subregion der Paläarktischen (Diptera, Tipulidae, *Tipula* Linnaeus). I. Fortsetzung. Beaufortia 28: 121–150
- Theischinger G (1979) Neue Taxa von *Lumatipula* Edwards aus der mediterranen Subregion der Paläarktischen (Diptera, Tipulidae, *Tipula* Linnaeus). II. Fortsetzung. Beaufortia 29: 275–308
- Theischinger G (1987) Neue Taxa von *Lumatipula* Edwards aus der mediterranen Subregion der Paläarktischen (Diptera, Tipulidae, *Tipula* Linnaeus). V. Fortsetzung. Beaufortia 37: 99–120
- Theowald Br (1957) Die Entwicklungsstadien der Tipuliden (Diptera, Nematocera) Insbesondere der West-Paläarktischen Arten. Tijdschrift voor Entomologie 100: 195–308
- Theowald Br (1970) *Tipula (Vestiplex) intermixta* Riedel (Diptera, Tipulidae). Entomologische Berichten, Amsterdam 30: 7–8
- Theowald Br (1971) Die Tipuliden der Benelux-Länder (Diptera, Tipulidae). Tijdschrift voor Entomologie 114: 217–238
- Theowald Br (1973) 15. Tipulidae. In: Lindner, E. (ed.) Die Fliegen der paläarktischen Region 3(5)1, Lief. 300: 321–404
- Theowald Br (1977) *Tipula (Vestiplex) vaillantii* nov. spec. (Diptera, Tipulidae). Entomologische Berichten, Amsterdam 37: 8–10
- Theowald Br (1978) 15. Tipulidae. In: Lindner, E. (ed.) Die Fliegen der paläarktischen Region 3(5)1, Lief. 318: 405–436
- Theowald Br (1980) 15. Tipulidae. In: Lindner, E. (ed.) Die Fliegen der paläarktischen Region 3(5)1, Lief. 324: 437–538
- Theowald Br, Mannheims B (1962) Die Arten der *Tipula (Vestiplex) excisa*-Gruppe in der Paläarktischen (Diptera, Tipulidae). Bonner zoologische Beiträge 13: 360–402
- Theowald Br, Oosterbroek P (1980) Zur zoogeographie der westpaläarktischen Tipuliden. I. Die Tipuliden von Nordafrika (Diptera, Tipulidae). Beaufortia 30: 179–192
- Theowald Br, Oosterbroek P (1981) Zur zoogeographie der westpaläarktischen Tipuliden. II. Die Tipuliden der Iberischen Halbinsel (Diptera, Tipulidae). Beaufortia 31: 31–50
- Tjeder B (1948) The Swedish *Prionocera* (Dipt. Tipulidae). Opuscula Entomologica 13: 75–99
- Tjeder B (1948) Five new Swedish crane flies (Dipt. Tipulidae). Preliminary descriptions. Opuscula Entomologica 20: 225–227
- Vaillant F (1953) Les *Dolichozeza* de France et d'Algérie (Diptera Tipulidae). Bulletin de l'Institut Royal des Sciences naturelles de Belgique 29: 1–4
- Vaillant F (1956) Recherches sur la faune madicole (Hygropétrique s.l.) de France, de Corse et d'Afrique de Nord. Mémoires du Muséum National d'Histoire Naturelle (N.S.), Série A. Zoologie 11: 1–258

Vermoolen D (1983) The *Tipula (Acutipula) maxima* group (Insecta, Diptera, Tipulidae). 1. Taxonomy and distribution. Bijdragen tot de Dierkunde 53: 49–81

Westhoff F (1879) Beitrag zur Kenntnis der westfälischen Arten der Abteilung Tipulinae Schiner. Jahresbericht der zoologischen Sektion des Westfälischen Provinzial-Vereins für Wissenschaft und Kunst 8: 39–54

Family: Trichoceridae

candida Dahl 1976: 63 (*Trichocera (Metatrachocera)*) – 1 male PT (in alc.)

dahli Mendl 1971: 61 (*Trichocera*) – male HT; 6 males PT (in alc.)

Remarks: HT collected 7.10.70 not 5.10.70 (as publ.).

implicata Dahl 1976: 59 (*Trichocera* s.s.) – 1 male PT (in alc.)

mendli Dahl 1976: 61 (*Trichocera* s.s.) – 1 male PT (in alc.)

REFERENCES

Dahl C (1976) Description of three new species of Trichoceridae (Diptera, Nematocera) from northern Sweden and the Alps. Entomologica Scandinavica 7: 59–65

Mendl H (1971) *Trichocera dahli* n.sp. – eine neue Trichoceridae aus dem Allgäu (Diptera, Nematocera). Nachrichtenblatt der Bayerischen Entomologen 20: 61–63

Family: Ulidiidae

japonica Kameneva 2006: 24 (*Herina*) – 2 males, 1 female PT

REFERENCES

Kameneva EP 2006. East Asian and Papuan species of the genus *Herina* Robineau-Desvoidy (Diptera, Ulidiidae, Otitinae). Instrumenta Biodiversitatis 6: 1–45.

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Table 1. The total number of types for Embiidina, Isoptera, Neuroptera, Mecoptera and Raphidioptera in ZFMK
HT – holotype, LT – lectotype, NT – neotype, PLT – paralectotype, PT – paratype, ST – syntype.

Order	ST (# spp.)	HT	LT	NT	PT & PLT (# spp.)
Embiidina		1			
Isoptera	1				
Neuroptera	4		3		1
Mecoptera	1	6			1
Raphidioptera	1	1			

Table 2. The total number of types for the families of Diptera in ZFMK
HT – holotype, LT – lectotype, NT – neotype, PLT – paralectotype, PT – paratype, ST – syntype.

Family	ST (# spp.)	HT	LT	NT	PT & PLT (# spp.)
Anthomyiidae		6			
Asilidae		2			2
Atelestidae					1
Blephariceridae	11	3	2		3
Brachystomatidae		1			14
Calliphoridae					1
Cecidomyiidae		1			6
Chloropidae					10
Dolichopodidae (<i>s. lat.</i>)		2			23
Empididae	2	30			26
Glossinidae					1
Hybotidae					5
Milichiidae					2
Muscidae	1	3			
Oreoleptidae					1
*Phoridae		7			8
Pipunculidae		4			
Platystomatidae	1				
Psychodidae		2			
Ptychopteridae					2
**Scaridae	3	11	67		22
Sciomyzidae	2				
Stratiomyidae	1	3			
Syrphidae			1	1	3
Tabanidae		4			
Tachinidae		2			
Tephritidae		11			4
Thaumaleidae					3
Tipulidae (<i>s. lat.</i>)	14	160	6	4	185
Trichoceridae		1			3
Uliidiidae					1
Total	33	255	76	5	326

*Exclusive of the Schmitz and Beyer collections, which include 452 and 152 types, respectively.

**Only the Palearctic species of Scaridae have been identified. Data taken from Menzel & Mohrig (2000).