



The problems of subsequent typification in genus-group names and use of the *Zoological Record*: a study of selected post-1930 Diptera genus-group names without type species designations

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Abstract

We list 117 genus-group names of Diptera that were proposed after 1930 with diagnoses and more than one included species but without type species designations and review their current status. Research into the earliest proposals making the names available resulted in one new synonymy: *Breviculala* Ito, 1949 = *Pseudacidia* Munro, 1935, **n. syn.** (Tephritidae), the discovery of a number of earlier designations, and the recognition of available genus-group names previously thought to be *nomina nuda*. Discussion is made concerning type designations in the *Zoological Record* and type fixations by monotypy for genus-group names proposed after 1930 without a type species designation.

Key words: Diptera, nomenclature, genus-group names

Introduction

Scientific naming in zoology must adhere to a specific legislation for nomenclatural acts to be recognized as “available” and “valid”. Non-compliant acts will have no nomenclatural standing. The legislative text — the *International Code of Zoological Nomenclature* (I.C.Z.N., 1999) [hereinafter “the Code”] — has changed over time, and new versions have in general not taken effect on acts proposed under (and compliant with) older versions. While the various changes have been introduced to improve on zoological naming, they also carry the risk of not being fully appreciated by the taxonomic community. The aim of the present paper is to call attention to one such change that has been widely overlooked or misinterpreted, and to revise the Diptera names that are affected. This paper is also a preliminary step in a collaborative project to check and verify the over 22,000 genus-group names of Diptera currently in the Biosystematic Database of World Diptera [Evenhuis *et al.* (2008) at <http://www.diptera.org>] together with their type species, their status, and other relevant details.

Genus-group names proposed after 1930

According to the *Code*, the method by which genus-group names of animals are made available differs dramatically between two primary criteria: whether the names were proposed before 1931 or after 1930.

1. Before 1931, a genus-group name could be proposed with a diagnosis or bibliographic reference to one;

it could either have included species or not possess included species; and a type species designation in the original publication was not required. Instead it could have a type species designated at a subsequent date (either by subsequent monotypy [the first and only included species] or by subsequent designation [selected from one of the originally included species]).

2. After 1930, a genus-group name had to have *both* a diagnosis that is “purported to differentiate the taxon” (or a bibliographic reference to one) AND a type species, fixed either by original designation or by monotypy. If it lacked either or both, it was to be treated as a *nomen nudum* (unavailable name).

[Additional to the requirements of those names proposed after 1930, names proposed after 1999 had to be expressly proposed as new. No longer would the mere appearance of a new taxon in print serve to make a name available. Currently there has to be in the original proposal of the name an indication that the name is intended to be proposed as new.]

The fact that a genus-group name proposed after 1930 that did not have a type species designated for it was a *nomen nudum* [= in essence the event of its original publication did not have nomenclatural relevance (for only the genus-group name)] seemed to escape many taxonomists because they continued to designate type species for these names subsequent to the original invalid publication and label these designations as “subsequent designations” when in fact they were not.

According to the *Code*, those genus-group names that have a type species designated at a later date from one of the originally included species do not bear the author and date of the original publication (the one with the *nomen nudum*) referred to in the “subsequent designation”, but instead have both the authorship and the date from that first fixation of the type species.

A further complication arises from the fact that many taxonomists seemed to believe that the only way to make a post-1930 genus-group name available that was unavailable according to the *Code* for not having a type species designation was to do so by explicitly designating a type. This is not always necessary as typification can also occur by monotypy [not subsequent monotypy because that form of type fixation implies that the name was available from the original publication but merely needed a type species fixation]. In the cases of fixation by monotypy, the first time the genus-group name is mentioned with characters to differentiate it (or bibliographic reference to such) and used in combination with a single valid species-group name subsequent to the *nomen nudum* publication and before 2000 [if published after 1999, the genus-group name must have been expressly intended to be proposed as new] becomes the first appearance of the genus-group name with all criteria for availability fulfilled and type species fixed by monotypy.

This apparently little-known fact of type fixation by monotypy seems to have slipped by many taxonomists, thus a thorough search of all usages of every post-1930 genus-group name originally published with a diagnosis but without a type species designation is required to see if any subsequent usages of the name in combination with a single valid name occur in the literature. Our research of Diptera genus-group names has discovered eleven such cases for Diptera, most in the *Zoological Record*: *Caenonops* Anonymous [Conopidae], *Ferneiella* Cook [Scatopsidae], *Lasiambia* Anonymous [Chloropidae], *Leptochironomus* Lenz [Chironomidae], *Parexoristina* Anonymous [Tachinidae], *Paroedesiella* Anonymous [Chloropidae], *Placantichir* Anonymous [Dolichopodidae], *Pseudacidia* Munro [Tephritidae], *Stomacrypolus* Anonymous [Agromyzidae], *Turneria* Parent [Dolichopodidae], and *Zelindopsis* Anonymous [Tachinidae].

The BDWD Project

The Biosystematic Database of World Diptera (BDWD) project was initiated to catalog every scientific name

in Diptera (family-group, genus-group, and species-group) and make that information available to the public as a database and in other forms of publication. The family-group names (4,632) have been completed (Sabrosky, 1999), the genus-group names (22,887) are in the verification process, and the species-group names (193,974 [as of April 2008]) are 95% complete for data entry from primary and secondary sources.

During the verification process for the genus-group names, one of the tasks we undertook was to verify all the names proposed after 1930 that were proposed without type species designations. This subset of genus-group names was chosen for research because of the complicated rules governing them and in order to verify the previous listings of them in the regional and world catalogs. By checking these names against published catalogs and the original literature, we could verify and ensure accuracy of the data in the BDWD database (Evenhuis *et al.*, 2008). The BDWD database identified 117 genus-group names with the criteria of having been published after 1930 with a diagnosis or bibliographic reference to one and having more than one included species but with no type species designation. Most of these genus-group names were published later with the same (or similar) spelling and authorship and had type species designated for them; others had the authorship changed; and others were never published on again or were subsequently synonymized under a nomenclaturally valid senior synonym.

The Zoological Record and post-1930 genus-group names

After conducting the research involved in checking the post-1930 Diptera genus-group names without type species designations and finding subsequent actions making those names available, it became clear that the *Zoological Record* has played a big part (in some cases possibly intentionally) in being the enabling medium for making available the names previously thought to have been *nomina nuda* (see Table 1 below for examples).

The *Zoological Record* was initiated by a group of like-minded zoologists, mainly at the then British Museum (Natural History), to assemble the zoological literature and index it, following on from Wiegmann's *Archiv für Naturgeschichte*, which had been doing the same thing but had large delays in publication and some inadequacies that the *Zoological Record* team sought to overcome with their publication. The *Zoological Record* began compiling the written record of zoological taxonomy for the year 1864 (published in 1865) and has continued this task virtually unabated since then [see Bridson (1968) for a history of the first 100 years of the *Zoological Record*].

The significance of nomenclatural actions in the Zoological Record

It is an underlying assumption by zoologists that the compilers of the *Zoological Record* were/are neutral parties merely "recording" what was printed by abstracting those publications and indexing the new taxa published in them. As Neave (1939) pointed out in his editor's preface to the *Nomenclator Zoologicus*, this was not always the case. Specialists in various groups were added to the list of recorders early in its history to assist with the enormous task of assembling the previous year's literature and abstracting out the subjects and new taxa proposed. In some cases, these specialists emended the original spellings of names that may have corresponded better to "their" own methods of name formation. By doing so, they wittingly or unwittingly added names to nomenclature. Some recorders also gave type species designations for genus-group names that did not have them in their original publication. For those names otherwise validly proposed prior to 1931, these then became subsequent designations (some are the earliest known for certain genera).

However, when the *Code* ruled that genus-group names after 1930 proposed without type species designations were to be treated as *nomina nuda*, those recorders that were designating types suddenly became not just the author of a "subsequent designation" but the author of the genus-group name itself. This list of recorders as authors is compounded by those that listed only a single species-group name in association with a new

genus-group name. If the name was originally published with more than one originally included species and there was no type designated, the action of the recorder in listing a single available species-group name in association with the new genus-group name (which was made available in the *Zoological Record* by bibliographic reference to the original publication of the characters used to differentiate it) thus fixed the name by monotypy. The result of such action is that the name dates from and takes authorship from the action in the *Zoological Record*. Authoring genus-group names was no doubt unintentional on the part of the recorder and publishers of the *Zoological Record*, but there is unfortunately nothing in the *Code* to regulate whether or not such type fixation (whether by monotypy or original designation) is required to be intentional.

Authorship in the Zoological Record

Actual authorship of nomenclatural actions in the *Zoological Record* is an interesting subject unto itself and has been previously researched by Kerzhner (2003). From 1922–1945, the Insecta portion of the *Zoological Record* was compiled by the Imperial Institute of Entomology. From 1946–1965, the Insecta portion was compiled by the Commonwealth Institute of Entomology. After that, a combination of Commonwealth Institute of Entomology and Zoological Society of London staff, or just Zoological Society of London staff or Zoological Record staff compiled the Insecta portions [see Kerzhner (2003) for a more detailed breakdown].

The glossary entry of the *Code* for “**author** (pl. **authors**)”, states:

“The person(s) to whom a work, a scientific name, or a nomenclatural act is attributed [Arts. 50, 51] (see also anonymous). For the purposes of the Code, if a work is attributed to an editor, or an official (e.g. Secretary), or a body (e.g. a committee or a commission), only that person(s) actually responsible for the work, name, or act, is deemed to be the author [Art. 50].”

Concerning “**anonymous**”, the glossary states:

“(1) Of a work: one that does not state the name(s) of the author(s). (2) Of a name or nomenclatural act: one of which the authorship cannot be determined from the work itself [Art. 50.1]; see Article 14 for the availability of anonymous names or nomenclatural acts. (3) Of an author: one whose identity cannot be determined from the work itself.”

Previous to the *Record* for 1922, the Insecta section of the *Zoological Record* was authored by one or more persons listed on the title page and/or wrapper. Authorship of nomenclatural acts in that section are attributed to the named author(s) of that section. However, from 1922–1945 the Imperial Institute of Entomology was listed on the title page and/or wrapper of the Insecta section. Hall (1966) explained that S.A. Neave was the responsible person for that section for the years 1922–1945 (published 1923–1946), but this is evidence from an external source, which according to the *Code* cannot be used to determine authorship. Since the person responsible for nomenclatural acts in the Insecta section of the *Zoological Record* from 1922 (published 1923) onwards cannot be determined from the work itself, each act must be attributed to “Anonymous”. However, names and nomenclatural acts published after 1950 with “Anonymous” authorship are invalid according to Article 14 of the *Code*, which, for the purposes of this study, means that all genus-group names proposed after 1930 without type species designations and acted upon by typification published in the *Zoological Record* after 1950 must thus be considered to remain *nomina nuda*.

Since the percentage of Diptera genus-group names dealt with here that were first made available in the *Zoological Record* is fairly significant (11 out of 117 [ca. 10%]), notice is given here that taxonomists, bioinformatic workers, and nomenclaturalists should be aware of the nomenclatural actions regarding genus-group names in this work and do a diligent search to record any possible actions that make available genus-group names that may be the first or earlier than published elsewhere.

TABLE 1. Changes of authorship, date, or status resulting from this study.

Genus-group name	Previous to Study	This Study	Current Status
	Current Author/date	Current Author/date	
<i>Blagorrhina</i>	Hippa <i>et al.</i> , 2005	n/a*	<i>Nomen nudum</i>
<i>Bonessia</i>	Gerbachevskaja-Pavluchenko, 1986	n/a	<i>Nomen nudum</i>
<i>Cachonopus</i>	[not listed in catalogs]	n/a	<i>Nomen nudum</i>
<i>Caenoconops</i>	Smith, 1980	Anonymous, 1940	Valid taxonomically
<i>Cryptocladopelma</i>	Townes, 1945 [<i>nomen nudum</i>]	Townes, 1945	Junior synonym
<i>Dactylodiscia</i>	Enderlein, 1936 [<i>nomen nudum</i>]	Anonymous, 1937	Junior synonym
<i>Dischizocera</i>	Lindner, 1952 [<i>nomen nudum</i>]	James, 1957	Valid taxonomically
<i>Ferneiella</i>	Cook <i>in</i> Freeman, 1985	Cook, 1977	Valid taxonomically
<i>Lasiambia</i>	Sabrosky, 1941	Anonymous, 1937	Valid taxonomically
<i>Leptochironomus</i>	Townes, 1945	Lenz, 1941	Junior synonym
<i>Odontocladius</i>	Albu, 1974 [<i>nomen nudum</i>]	Tatole, 1993	Junior synonym
<i>Oligotrichocera</i>	Vevers, 1975	n/a	<i>Nomen nudum</i>
<i>Paraleia</i>	Neave, 1944	Anonymous, 1944	Valid taxonomically
<i>Parexoristina</i>	Enderlein, 1936 [<i>nomen nudum</i>]	Anonymous, 1937	Junior synonym
<i>Paroedesiella</i>	Sabrosky, 1941	Anonymous, 1937	Valid taxonomically
<i>Placantichir</i>	Bickel, 1994 [<i>nomen nudum</i>]	Anonymous, 1937	Junior synonym
<i>Proallodia</i>	Neave, 1944	Anonymous, 1944	Valid taxonomically
<i>Prodelopsis</i>	Neave, 1944	Anonymous, 1944	Valid taxonomically
<i>Prophthinia</i>	Neave, 1944	Anonymous, 1944	Valid taxonomically
<i>Pseudacidia</i>	Hardy, 1977	Munro, 1935	Valid taxonomically
<i>Trichotomesa</i>	Pagast <i>in</i> Hrabe, 1940 [<i>nomen nudum</i>]	n/a	<i>Nomen nudum</i>
<i>Turneria</i>	Parent, 1934 [<i>nomen nudum</i>]	Parent, 1935	Junior synonym
<i>Zelindopsis</i>	Verbeke, 1962	Anonymous, 1946	Valid taxonomically

* Full information on authorship of all instances/appearances of *nomina nuda* can be found in the main text under the relevant entry.

List of selected post-1930 Diptera genus-group names proposed without type species designations

The following is a list and the resulting nomenclatural and taxonomic status of 117 Diptera genus-group names that were proposed after 1930 without fixation of a type species. Names that were proposed without a diagnosis or bibliographic reference to one are not listed (whether they had included species or not). The research involved in presenting this list has resulted in a number of corrections to previously published accounts of these names in regional or world catalogs including authorship, date, page, and nomenclatural status (Table 1).

Format

Each name is listed in the form of its original proposal and its status given. If a subsequent publication occurred that fulfills the criteria for availability for this name, it is listed with the author, type species and method of fixation. In addition, the family and current status (as listed in the BDWD) of the name are given. Genus-group names listed in the headings in square brackets [] in plain Roman type are *nomina nuda*; those in italics are nomenclaturally available but junior synonyms or preoccupied senior synonyms; those in bold-

face are valid nomenclaturally and taxonomically.

For the *nomina nuda* listed, the listings here are not true synonymical lists in the nomenclatural sense, but instead are cresonymies giving the “history” of the use of the *nomina nuda*.

Actilasioptera Gagné

Actilasioptera Gagné in Gagné & Law, 1998: 23. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Actilasioptera Gagné, 1999: 697. Type species: *Actilasioptera tumidifolium* Gagné, 1999 (original designation).

Family: CECIDOMYIIDAE.

Current status: *Actilasioptera* Gagné, 1999.

Anasyntormon Dyte

Anasyntormon Parent, 1932: 114. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Anasyntormon Dyte, 1975: 245. Type species: *Anasyntormon secundus* Parent, 1932 (original designation).

Family: DOLICHOPODIDAE.

Current status: *Anasyntormon* Dyte, 1975.

Anurophyllina Mesnil

Anurophyllina Mesnil, 1961: 693 (subgenus of *Urophyllina* Villeneuve, 1937). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from four included species.

Anurophyllina Mesnil, 1977: 322 (subgenus of *Urophyllina* Villeneuve, 1937). Type species: *Urophylloides bicolor* Villeneuve, 1937 (original designation).

Family: TACHINIDAE.

Current status: Available name from Mesnil (1977); junior synonym of *Prosopofrontina* Townsend, 1926.

Remarks: O’Hara (1996), in his detailed account of Mesnil genus- and species-group names, pointed out the availability of this genus-group name from Mesnil (1977), one that apparently was missed by Herting (1984), who designated the same species seven years later.

Archiconops Smith

Archiconops Kröber, 1939: 381. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Archiconops Smith, 1975: 375. Type species: *Conops insularis* Kröber, 1939 (original designation).

Family: CONOPIDAE.

Current status: *Archiconops* Smith, 1975.

Asiodiplosis Marikovskii

Asiodiplosis Marikovskii, 1955a: 336. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from eleven included species.

Asiodiplosis Marikovskii, 1955b: 303. Type species: *Asiodiplosis noxia* Marikovskii, 1955 (original designation).

Family: CECIDOMYIIDAE.

Current status: Available name from Marikovskii (1955b); junior synonym of *Halodiplosis* Kieffer, 1912.

Asiosphegina Stackelberg

Asiosphegina Stackelberg, 1953: 376 (subgenus of *Sphegina* Meigen, 1822). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species.

Asiosphegina Stackelberg in Knutson, Thompson & Vockeroth, 1975: 338 (subgenus of *Sphegina* Meigen, 1822). Type species: *Asiosphegina sibirica* Stackelberg, 1953 (original designation).

Family: SYRPHIDAE.

Current status: *Asiosphegina* Stackelberg, 1975 (subgenus of *Sphegina* Meigen, 1822).

[Atissina]

Atissina Enderlein, 1936a: 169. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Atissina Cresson, 1936: 270. Type species: *Atissina durrenbergensis* Enderlein, 1936 (original designation). *Nomen nudum*; genus-group name proposed in synonymy after 1930 and not made available from being used as a valid name before 1961.

Family: EPHYDRIDAE.

Current status: *Nomen nudum*; treated under *Schema* Becker, 1907.

Baucuterebra Townsend

Baucuterebra Guimarães & Carrera, 1941: 2 (subgenus of *Cuterebra* Clark, 1815). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species.

Baucuterebra Townsend, 1943: 333. Type species: *Cuterebra schroederi* Enderlein, 1909 (original designation).

Family: OESTRIDAE.

Current status: Available name from Townsend (1943); junior synonym of *Cuterebra* Clark, 1815.

[Blagorrhina]

Blagorrhina Hippa, Mattsson & Vilkamaa, 2005a: 14. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Family: LYGISTORRHINIDAE.

Current status: *Nomen nudum*.

Remarks. Hippa, Mattsson & Vilkamaa (2005b: 64) corrected the error in their original proposal of the name (Hippa *et al.*, 2005a) by designating *Blagorrhina blagoderovi* Hippa, Mattsson & Vilkamaa, 2005 as the type species for *Blagorrhina*. However, the genus-group name is still a *nomen nudum* because they failed to follow ICZN *Code* Article 16.1 and label the name as “new” in their 2005b paper.

[Bonessia]

Bonessia Mohrig, 1970: 142 (subgenus of *Caenosciara* Lengersdorf, 1941). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from four included species.

Bonessia Anonymous in Staff of the Zoological Society of London, 1975: 707. Type species: *Caenosciara ignota* Lengersdorf, 1941 (original designation). *Nomen nudum*; anonymous authorship after 1950.

Family: SCIARIDAE.

Current status: *Nomen nudum*; treated under *Epidapus* Haliday, 1851.

Remarks: Menzel & Mohrig (1998, 2000) indicated that because of the anonymous publication of the type designation in the *Zoological Record*, the first type designation of the genus-group name should have the authorship and date from Gerbachevskaja-Pavluchenko (1986: 38). However, there is no explicit designation made there; Gerbachevskaja-Pavluchenko (1986) merely indicated that the name was not made available in 1975 in the *Zoological Record* and does not give any indication of a type species designation. Menzel & Mohrig (1998: 364) explicitly listed a type species (*Caenosciara ignota* Lengersdorf) and gave a bibliographic reference to the original description of *Bonessia*, but the name remains a *nomen nudum* because they treated the name in synonymy with *Epidapus* Haliday.

[Cachonopus]

Cachonopus Vaillant, 1953: 277. *Nomen nudum*; genus-group name proposed after 1930 without type designation from two included species.

Family: DOLICHOPODIDAE.

Current status: *Nomen nudum*; *incertae sedis* in Dolichopodidae.

Remarks: Vaillant (1953) proposed *Cachonopus* based on two newly described species (*C. aereus* Vaillant and *C. limosorum* Vaillant) without designating a type. Negrobov (1991) listed both species (incorrectly giving “*Conchopus*” as the original genus for *limosorum*) but failed to list the genus-group name. Yang *et al.* (2006) apparently did not examine the original description and simply repeated Negrobov’s errors in their world catalog. *Cachonopus aereus* is currently treated in the genus *Chrysotimus* Loew, 1857; *C. limosorum* is currently treated in the genus *Micromorphus* Mik, 1878. Negrobov *et al.* (2007) realized that *Cachonopus* did not have a type species and designated one (*C. limosorum*), placed the genus in synonymy with *Micromorphus*, and ironically claimed that it was Yang *et al.* (2006) who had made a “misprint” in treating *limosorum* as originally in “*Conchopus*”! However, because Negrobov *et al.* (2007) treated *Cachonopus* as a junior synonym and failed to denote the genus *Cachonopus* as “new” (required by ICZN Article 16.1), *Cachonopus* remains a *nomen nudum*.

Caenoconops Anonymous

Caenoconops Kröber, 1939: 373. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Caenoconops Anonymous in Imperial Institute of Entomology, 1940: 365. Type species: *Caenoconops subapicalis* Kröber, 1930 (monotypy).

Family: CONOPIDAE.

Current status: *Caenoconops* Anonymous in Imperial Institute of Entomology, 1940.

Remarks: Kröber (1939) proposed *Caenoconops* based on two included species but failed to designate a type. By recording *Caenoconops* with bibliographic reference to Kröber (1939: 373) and listing a single species (*Caenoconops subapicalis* Kröber, 1939), the genus-group name fulfills the criteria for being made available with its type species designated by monotypy in Anonymous in Imperial Institute of Entomology (1940). Smith (1980), unaware of this valid proposal of the genus-group name, designated *Conops rhodesiensis* Brunetti, 1925 as the type species but this is a later nomenclatural action.

[Camptoza]

Camptoza Enderlein, 1936a: 62. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Camptoza Pritchard, 1947: 74. Type species: *Joannisia kiefferiana* Enderlein, 1911 [= *Joannisia fungicola* Kieffer, 1901] (original designation). *Nomen nudum*; genus-group name proposed in synonymy and not made available from being used as a valid name before 1961.

Family: CECIDOMYIIDAE.

Current status: *Nomen nudum*; treated under *Peromyia* Kieffer, 1894.

[Cassidocida]

Cassidocida Belanovsky, 1951: 186 (subgenus of *Dionaea* Robineau-Desvoidy, 1830). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species. [Preoccupied by Crawford, 1913.]

Cassidocida Herting, 1984: 176. Type species: *Tachina forcipata* Meigen, 1824 (original designation). *Nomen nudum*; genus-group name proposed in synonymy after 1960. [Preoccupied by Crawford, 1913.]

Family: TACHINIDAE.

Current status: *Nomen nudum*; treated under *Labigastera* Macquart, 1834.

Ceratochaetops Mesnil

Ceratochaetops Mesnil, 1954: 361. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Ceratochaetops Mesnil, 1970: 123. Type species: *Pseudophorocera triseta* Villeneuve, 1922 (original designation).

Family: TACHINIDAE.

Current status: *Ceratochaetops* Mesnil, 1970.

Chrysiatomyia Smith

Chrysiatomyia Kröber, 1940a: 73. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Chrysiomyia Smith, 1989: 49, 460. Type species: *Chrysiomyia rufa* Kröber, 1940 (original designation).

Family: CONOPIDAE.

Current status: *Chrysiomyia* Smith, 1989.

Cladotricha Hering

Cladotricha Hering, 1940: 15. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species. [Preoccupied by Gaievskaya, 1926.]

Cladotricha Hering, 1941: 204. Type species: *Rhynchopteron fordianum* Munro, 1935 (original designation). [Preoccupied by Gaievskaya, 1926.]

Family: TEPHRITIDAE.

Current status: Name available from Hering (1941) but preoccupied; synonym of *Heringomyia* Hardy, 1968 (new replacement name for *Cladotricha*).

Cryptocladopelma Townes

Cryptocladopelma Lenz, 1941: 37 (subgenus of *Cryptochironomus* Kieffer, 1918). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Cryptocladopelma Townes, 1945: 153. Type species: *Chironomus lateralis* Goetghebuer, 1934 (original designation). Genus-group name proposed in synonymy but made available from being used as a valid name by Lenz (1960).

Family: CHIRONOMIDAE.

Current status: Name available from Townes (1945); junior synonym of *Cladopelma* Kieffer, 1921.

Remarks: Article 11.6.1 is here considered to confer availability on *Cryptocladopelma* Townes, 1945. We are aware that some ambiguity may emerge from the wording “A name which when first published”, insofar as it matters whether or not *Cryptocladopelma* Lenz, 1941 is considered the same name as *Cryptocladopelma* Townes, 1945. If it is considered the same name, it was not first published in synonymy and its availability is not regulated by this Article. We think that even if Townes (1945) explicitly referred to Lenz (1941) when listing *Cryptocladopelma*, these occurrences of the same word cannot be considered to refer to the same name in the sense of the *Code*. In the present context, “A name” refers to a scientific name, which according to the *Code* Glossary always is “Of a taxon”. Because *Cryptocladopelma* Lenz, 1941 does not have a type species indicated while *Cryptocladopelma* Townes, 1945 does, there is no way the two taxa can be argued to objectively be “the same”.

Cryptotendipes Beck & Beck

Cryptotendipes Lenz, 1941: 34. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species.

Cryptotendipes Beck & Beck, 1969: 294. Type species: *Chironomus usmaensis* Pagast, 1931 (original designation).

Family: CHIRONOMIDAE.

Current status: *Cryptotendipes* Beck & Beck, 1969.

Remarks: The remark in Ashe (1983) that the name is technically a *nomen nudum* is erroneous. As correctly mentioned by Spies & Reiss (1996: 69, 88), the treatment of the genus-group name in Beck & Beck

(1969) satisfies the rules of nomenclature to make the genus-group name available there. There is no change in generic concept and only the authorship and date are different.

[Ctenochyliza]

Ctenochyliza Verbeke, 1952: 33 (subgenus of *Chyliza* Fallén, 1820). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Family: PSILIDAE.

Current status: *Nomen nudum*; treated under *Chyliza* Fallén, 1820.

Dactylodiscia Anonymous

Dactylodiscia Enderlein, 1936a: 114 (subgenus of *Sciapus* Zeller, 1842). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species. [Preoccupied by Enderlein, 1934.]

Dactylodiscia Anonymous in Imperial Institute of Entomology, 1937: 381. Type species: *Psilopus calceolatus* Loew, 1859 (original designation). [Preoccupied by Enderlein, 1934.]

Family: DOLICHOPODIDAE.

Current status: Name available from Anonymous in Imperial Institute of Entomology (1937); junior synonym of *Sciapus* Zeller, 1842; homonym of *Dactylodiscia* Enderlein, 1934.

[Dasyepistrophe]

Dasyepistrophe Szilády, 1940: 59 (subgenus of *Epistrophe* Walker, 1852). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Dasyepistrophe Goffe, 1944: 136. Type species: *Scaeva macularis* Zetterstedt, 1843 (original designation). *Nomen nudum*; genus-group name proposed in synonymy and not made available by subsequent use as a valid name before 1961.

Family: SYRPHIDAE.

Current status: *Nomen nudum*; treated under *Mesisyrphus* Matsumura & Adachi, 1917.

[Dasylonchaea]

Dasylonchaea Enderlein, 1936a: 152. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Family: LONCHAEIDAE.

Current status: *Nomen nudum*; treated under *Earomyia* Zetterstedt, 1842.

Dasypollenia Lehrer

Dasypollenia Jacentkovský, 1941b: 20, 22. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from four included species.

Dasypollenia Jacentkovský, 1942: 210. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from four included species.

Dasypollenia Lehrer, 1967: 256 (subgenus of *Pollenia* Robineau-Desvoidy, 1830). Type species: *Pollenia dasypoda* Portschinsky, 1881, by original designation.

Family: CALLIPHORIDAE.

Current status: Name available from Lehrer (1967); junior synonym of *Pollenia* Robineau-Desvoidy, 1830.

Remarks: Jacentkovský (1941a: 31) is the first occurrence of the genus-group name *Dasypollenia*, but it appeared with neither a diagnosis nor a type species indication.

Dischizocera James

Dischizocera Lindner, 1952: 336. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Dischizocera James, 1957: 11. Type species: *Dischizocera zumpti* Lindner, 1952 (original designation).

Family: STRATIOMYIDAE.

Current status: *Dischizocera* James, 1957.

[Endotendipes]

Endotendipes Lenz, 1955: 114 (subgenus of *Endochironomus* Kieffer, 1918). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from four included species.

Endotendipes Anonymous in Commonwealth Institute of Entomology, 1957: 449. Type species: *Tendipes abbranchius* Kieffer, 1913 (monotypy). *Nomen nudum*; anonymous authorship after 1950.

Family: CHIRONOMIDAE.

Current status: *Nomen nudum*; *incertae sedis* in Chironomidae: Chironominae: Chironomini.

Remarks: *Tendipes abbranchius* Kieffer, 1913 was treated as a *nomen dubium* in *Endochironomus* by Ashe & Cranston (1990). However, Spies & Saether (2004) cautioned use of this species in association with any genus until a revisionary study of *Endochironomus* is done. Grodhaus (1987) had placed *Tendipes abbranchius* [*sensu* Lenz (1955), but not (necessarily) *sensu* Kieffer (1913)] in his new genus *Synendotendipes*, but Spies & Saether (2004) argued that placement of it in *Tribelos* Townes, 1945 might be just as likely. Until a revisionary study of *Endochironomus s. lato* can be completed, we treat the genus-group name *Endotendipes* as *incertae sedis*.

Eremisca Hull

Eremisca Zinovjeva, 1956: 196. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Eremisca Hull, 1962: 516. Type species: *Eremisca vernalis* Zinovjeva, 1956 (original designation).

Family: ASILIDAE.

Current status: *Eremisca* Hull, 1962.

Erythromyiella Verbeke

Erythromyiella Hennig, 1935a: 88. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Erythromyiella Verbeke, 1951: 54. Type species: *Aristobata rufa* Hennig, 1935 (original designation).

Family: MICROPEZIDAE.

Current status: *Erythromyiella* Verbeke, 1951.

[Euclunio]

Euclunio Goetghebuer, 1950: 5 (subgenus of *Clunio* Haliday, 1855). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from four included species.

Family: CHIRONOMIDAE.

Current status: *Nomen nudum*; treated under *Clunio* Haliday, 1855.

[Eucorynoneura]

Eucorynoneura Goetghebuer, 1939: 4. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from five included species.

Family: CHIRONOMIDAE.

Current status: *Nomen nudum*; junior synonym of *Corynoneura* Winnertz, 1846.

[Euryepistrophe]

Euryepistrophe Szilády, 1940: 59 (subgenus of *Epistrophe* Walker, 1852). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species.

Euryepistrophe Goffe, 1944: 136. Type species: *Syrphus grossulariae* Meigen, 1822 (original designation). *Nomen nudum*; genus-group name proposed in synonymy and not made available by subsequent use as a valid name before 1961.

Family: SYRPHIDAE.

Current status: *Nomen nudum*; junior synonym of *Episyrphus* Matsumura & Adachi, 1917.

Exoristella Herting

Exoristella Mesnil, 1947: 47 [1960: 565, 597] (subgenus of *Exorista* Meigen, 1803). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species (1947) or three included species (1960).

Exoristella Herting, 1984: 6 (subgenus of *Exorista* Meigen, 1803). Type species: *Tachina glossatorum* Rondani, 1859 (original designation).

Family: TACHINIDAE.

Current status: *Exoristella* Herting, 1984 (subgenus of *Exorista* Meigen, 1803).

Remarks: Herting's (1984) listing of *Exoristella* was essentially giving the information from Mesnil (1947) and adding that one of Mesnil's originally included species (*Tachina delicatula* Robineau-Desvoidy, 1863) was misidentified by Mesnil and is actually *Tachina glossatorum* Rondani, 1859. The latter was the species selected by Herting (1984) as the type species for his *Exoristella*.

Ferneiella Cook

Ferneiella Cook, 1974: 87. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Ferneiella Cook, 1977: 451. Type species: *Ferneiella angusta* Cook, 1977 (monotypy).

Family: SCATOPSIDAE.

Current status: *Ferneiella* Cook, 1977.

Remarks: Cook's (1974) description of the genus was based on three species, of which only two from Europe were described (a third from Australia was to be described later). Because no type species was designated in the 1974 work, that genus-group name is a *nomen nudum*. The first valid publication of the name is from the generic characters and single described species from Australia in Cook (1977). The type is by monotypy as no other species are referred to in the work. Cook in Freeman (1985: 42) and one year later Krivosheina & Haenni (1986: 305) each formally designated *Scatopse incompleta* Verrall, 1886 as the type species, but the usage in Cook (1977) satisfies the rules of nomenclature and the type by monotypy is the earliest available occurrence of the name.

Gaedioxenis Townsend

Gaedioxenis Villeneuve, 1937: 206 [1939: 1]. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species (1937) and two included species (1939).

Gaedioxenis Townsend, 1943: 335. Type species: *Gaedioxenis setifrons* Villeneuve, 1937 (original designation).

Family: TACHINIDAE.

Current status: *Gaedioxenis* Townsend, 1943.

Galeodiotriger Rozkošný

Galeodiotriger Lindner, 1933: 3. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Galeodiotriger Pleske in Lindner, 1937: 18. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from thirteen included species.

Galeodiotriger Rozkošný, 1977: 10. Type species: *Nemotelus bipunctatus* Loew, 1846 (original designation).

Family: STRATIOMYIDAE.

Current status: Available name from Rozkošný (1977); junior synonym of *Nemotelus* Geoffroy, 1762.

Glossosalia Mesnil

Glossosalia Mesnil, 1947: 62 (subgenus of *Spoggosia* Rondani, 1859). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Glossosalia Mesnil, 1960: 606 (subgenus of *Spoggosia* Rondani, 1859). Type species: *Phorocera grandis* Macquart, 1851 (original designation).

Family: TACHINIDAE.

Current status: Name available from Mesnil (1960); junior synonym of *Austrophorocera* Townsend, 1916.

Gondwanotrichomyia Duckhouse

Gondwanotrichomyia Duckhouse, 1980: 184. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Gondwanotrichomyia Duckhouse, 1985: 355. Type species: *Trichomyia nodosa* Duckhouse, 1980 (original designation).

Family: PSYCHODIDAE.

Current status: *Gondwanotrichomyia* Duckhouse, 1985 (subgenus of *Trichomyia* Curtis, 1839).

Gymnometriocnemus Edwards

Gymnometriocnemus Goetghebuer, 1932: 23 (subgenus of *Metriocnemus* van der Wulp, 1874). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species.

Gymnometriocnemus Edwards, 1932: 141. Type species: *Metriocnemus subnudus* Edwards, 1929 (original designation).

Family: CHIRONOMIDAE.

Current status: *Gymnometriocnemus* Edwards, 1932.

Remarks: The designation of *Metriocnemus subnudus* Edwards as type species by Goetghebuer (1940) was later. As correctly mentioned by Spies & Saether (2004: 22-23), the remarks in Ashe (1983) that the name is still a *nomen nudum* is erroneous as the treatment of the name in Edwards (1932) satisfies the rules of nomenclature to make it available there

[Hallisca]

Hallisca Rohdendorf & Gregor, 1973: 14. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Family: SARCOPHAGIDAE.

Current status: *Nomen nudum*; treated under *Abapa* Dodge, 1965 (subgenus of *Blaesoxipha* Loew, 1861).

Hemichaeta Steyskal

Hemicheta Hennig, 1934: 97 (subgenus of *Calobata* Meigen, 1803). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from four included species.

Hemichaeta Steyskal, 1968: 11. Type species: *Grallomyia scutellata* Cresson, 1930 (original designation)

Family: MICROPEZIDAE.

Current status: Name available from Steyskal (1968); subgenus of *Poecilotylus* Hennig, 1934.

Remarks: Hennig (1934: 97) spelled the name as “*Hemicheta*” but since it is a *nomen nudum* there, the name takes the spelling, authorship, and date from the proposal of the name in Steyskal (1968), who gave a type designation and bibliographic reference to Hennig (1934: 97) for generic characters, thereby fulfilling the criteria for availability.

Herniosina Roháček

Herniosina Roháček, 1982: 221. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Herniosina Roháček, 1983: 18. Type species: *Leptocera bequaerti* Villeneuve, 1917 (original designation).

Family: SPHAEROCERIDAE.

Current status: *Herniosina* Roháček, 1983.

[*Heterepistrophe*]

Heterepistrophe Szilády, 1940: 59 (subgenus of *Epistrophe* Walker, 1852). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from four included species.

Heterepistrophe Goffe, 1944: 136. Type species: *Musca balteata* De Geer, 1776 (original designation). *Nomen nudum*; genus-group name proposed in synonymy and not made available from subsequent use as a valid name before 1961.

Family: SYRPHIDAE.

Current status: *Nomen nudum*; treated under *Episyrphus* Matsumura & Adachi, 1917.

Hexomyza Enderlein

Hexomyza Enderlein, 1936a: 179. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species.

Hexomyza Enderlein, 1936b: 42. Type species: *Melanagromyza sarothamni* Hendel, 1923 (original designation).

Family: AGROMYZIDAE.

Current status: *Hexomyza* Enderlein, 1936.

Ischiochaetus Bickel & Dyte

Ischiochaetus Parent, 1933: 384. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from four included species.

Ischiochaetus Bickel & Dyte, 1989: 414. Type species: *Ischiochaetus ornatipes* Parent, 1933 (original designation).

Family: DOLICHOPODIDAE.

Current status: *Ischiochaetus* Bickel & Dyte, 1989.

Isoprosopaea Townsend

Isoprosopaea Villeneuve, 1938: 1 (subgenus of *Prosopaea* Rondani, 1861). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Isoprosopaea Townsend, 1943: 336. Type species: *Prosopaea sororcula* Villeneuve, 1938 (original designation).

Family: TACHINIDAE.

Current status: Name available from Townsend (1943); junior synonym of *Chaetexorista* Brauer & Bergensstamm, 1895.

Jassidophaga Aczél

Jassidophaga Enderlein, 1936a: 129. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Jassidophaga Aczél, 1939: 20. Type species: *Pipunculus pilosus* Zetterstedt, 1838 (original designation).

Family: PIPUNCULIDAE.

Current status: *Jassidophaga* Aczél, 1939.

Javanoxenia Schmitz

Javanoxenia Kemner, 1932: 18. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species-group names.

Javanoxenia Schmitz, 1933: 102. Type species: *Termitoxenia punctiventris* Schmitz, 1915 (original designation).

Family: PHORIDAE.

Current status: *Javanoxenia* Schmitz, 1933.

Keiseria Lindner

Keiseria Lindner, 1966: 22. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from four included species.

Keiseria Lindner in James, 1980: 269. Type species: *Keiseria rubicunda* Lindner, 1966 (original designation).

Family: STRATIOMYIDAE

Current status: *Keiseria* Lindner in James, 1980.

Lasiambia Anonymous

Lasiambia Enderlein, 1936a: 188. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from four included species.

Lasiambia Anonymous in Imperial Institute of Entomology, 1937: 393. Type species: *Oscinella fycoperda* Becker, 1910 (monotypy).

Family: CHLOROPIDAE.

Current status: *Lasiambia* Anonymous in Imperial Institute of Entomology, 1937 (subgenus of *Fiebrigella* Duda, 1921).

Remarks: The recording of this genus-group name by the Imperial Institute of Entomology (1937) with bibliographic reference to Enderlein (1936a: 188) and the listing of only a single species (*Oscinella fycoperda*) makes the name available from there with type species designated by monotypy and anonymous authorship. Sabrosky (1941: 754) explicitly designated *Oscinella fycoperda* as the type species of *Lasiambia* but this designation was later.

Leptochironomus Lenz

Leptochironomus Pagast, 1931: 210 (subgenus of *Chironomus* Meigen, 1803). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Leptochironomus Lenz, 1941: 32 (“Larven-Puppen-Typus” of the “Gruppe” *Parachironomus* Lenz, 1921 of the subgenus *Cryptochironomus* Kieffer, 1918). Type species: *Chironomus tener* Kieffer, 1918 (monotypy).

Family: CHIRONOMIDAE.

Current status: Name available from Lenz (1941); junior synonym of *Microchironomus* Kieffer, 1918.

Remarks: Lenz (1941: 32) listed *Leptochironomus* [with bibliographic reference to characters in Pagast (1931: 210)] and included only one species [*Chironomus tener* Kieffer (with *Chironomus balticus* Pagast, 1931 in synonymy)]. Thus, this listing satisfies the *Code* to make the genus-group name available with the type species designated by monotypy. The availability of the genus-group name, even though proposed as a subsection of a group of a subgenus, is allowed under Article 10.4 of the *Code*. Townes (1945: 152) explicitly designated *Chironomus balticus* as the type species, but he treated the name in synonymy. In contrast, Lenz’s (1941) treatment is earlier and makes the name available from this publication and date.

[*Liomyzina*]

Liomyzina Enderlein, 1936a: 180. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Family: AGROMYZIDAE.

Current status: *Nomen nudum*; treated under *Phytobia* Lioy, 1864.

[*Ljungneria*]

Ljungneria Brundin, 1964: 430. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Family: CHIRONOMIDAE.

Current status: *Nomen nudum*; *incertae sedis* in Chironomidae.

Remarks: Brundin (1964) gave characters purported to differentiate the genus-group taxon *Ljungneria* as well as characters making two included new species-group names available (*L. maorii* and *L. patagonica*), but he failed to designate a type species. Ashe (1983) and Spies & Reiss (1996) recorded the genus-group name in their catalogs but refrained from designating a type species thereby maintaining its status as unavailable.

Medinella Dugdale

Medinella Malloch, 1938: 234. *Nomen nudum*; genus-group name proposed after 1930 without valid type species designation from four included available species-group names [i.e., type species designation was based on a *nomen nudum*].

Medinella Dugdale, 1969: 636. Type species: *Medinella nigrofemorata* Malloch, 1938 (original designation).

Family: TACHINIDAE.

Current status: *Medinella* Dugdale, 1969.

Melanesomyia Barraclough

Melanesomyia Barraclough, 1997: 345. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species.

Melanesomyia Barraclough, 1998: 22. Type species: *Dexia nivifera* Walker, 1861 (original designation).

Family: TACHINIDAE.

Current status: *Melanesomyia* Barraclough, 1998.

Mesosepedon Steyskal & Verbeke

Mesosepedon Verbeke, 1950: 38. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species.

Mesosepedon Steyskal & Verbeke, 1956: 2. Type species: *Sepedon schoutedeni* Verbeke, 1950 (original designation).

Family: SCIOMYZIDAE.

Current status: *Mesosepedon* Steyskal & Verbeke, 1956 (subgenus of *Sepedon* Latreille, 1804).

Microcricotopus Goetghebuer

Microcricotopus Thienemann & Harnisch, 1932: 137. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from six included species.

Microcricotopus Goetghebuer, 1944: 114. Type species: *Chironomus bicolor* Zetterstedt, 1838 (original designation).

Family: CHIRONOMIDAE.

Current status: Name available from Goetghebuer (1944); junior synonym of *Nanocladius* Kieffer, 1913.

Remarks: Brundin's (1956: 121) designation of *Chironomus bicolor* Zetterstedt, 1838 was later.

Micropygus Bickel & Dyte

Micropygus Parent, 1933: 424. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from sixteen included species.

Micropygus Bickel & Dyte, 1989: 415. Type species: *Micropygus bifenestratus* Parent, 1933 (original designation).

Family: DOLICHOPODIDAE.

Current status: *Micropygus* Bickel & Dyte, 1989.

Minilimosina Roháček

Minilimosina Roháček, 1982: 222. *Nomen nudum*; genus-group name proposed after 1930 without designa-

tion of type species from two included species.

Minilimosina Roháček, 1983: 27. Type species: *Limosina fungicola* Haliday, 1836 (original designation).

Family: SPHAEROCERIDAE.

Current status: *Minilimosina* Roháček, 1983.

[Neatonia]

Neatonia Bromley, 1935: 130. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Neatonia Martin & Papavero, 1970: 54. Type species: *Atonia mikii* Williston, 1886 (original designation).

Nomen nudum; genus-group name proposed in synonymy after 1960.

Family: ASILIDAE.

Current status: *Nomen nudum*; treated under *Atoniomyia* Hermann, 1912.

[Nematopus]

Nematopus Parent, 1933: 398. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species. [Preoccupied by Berthold, 1827.]

Nematopus Robinson, 1970: 40. Type species: *Nematopus ciliatus* Parent, 1933 (original designation). *Nomen nudum*; genus-group name proposed in synonymy after 1960. [Preoccupied by Berthold, 1827.]

Family: DOLICHOPODIDAE.

Current status: *Nomen nudum*; treated under *Filatopus* Robinson, 1970.

Neostilobezzia Wirth

Neostilobezzia Goetghebuer, 1934a: 53. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from five included species.

Neostilobezzia Wirth, 1953: 63. Type species: *Ceratopogon ochracea* Winnertz, 1852 (original designation).

Family: CERATOPOGONIDAE.

Current status: Name available from Wirth (1953); junior synonym of *Acanthohelea* Kieffer, 1917 (subgenus of *Stilobezzia* Kieffer, 1911).

Neotheobaldia Dobrotworsky

Neotheobaldia Dobrotworsky, 1954: 68 (subgenus of *Theobaldia* Neveu-Lemaire, 1902). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Neotheobaldia Anonymous in Commonwealth Institute of Entomology, 1956: 439 (subgenus of *Theobaldia* Neveu-Lemaire, 1902). Type species: *Theobaldia hilli* Edwards, 1926 (original designation). *Nomen nudum*; anonymous authorship after 1950.

Neotheobaldia Dobrotworsky, 1958: 186. Type species: *Theobaldia hilli* Edwards, 1926 (original designation).

Family: CULICIDAE.

Current status: *Neotheobaldia* Dobrotworsky, 1958.

Odontocladius Tatole

Odontocladius Albu, 1974: 9. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Odontocladius Tatole, 1993: 112. Type species: *Bryophaenocladus nigrus* Albu, 1974 (original designation).

Family: CHIRONOMIDAE.

Current status: Available from Tatole (1993); junior synonym of *Bryophaenocladus* Thienemann, 1934. Treated by some authors as a valid subgenus.

[Oligotrichocera]

Oligotrichocera Dahl, 1971: 32. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Oligotrichocera Anonymous in Staff of the Zoological Society of London, 1975: 723. Type species: *Oligotrichocera antiqua* Dahl, 1971 (original designation). *Nomen nudum*; anonymous authorship after 1950.

Family: TRICHOCERIDAE.

Current status: *Nomen nudum*; treated under *Trichocera* Meigen, 1803.

Remarks: Evenhuis (1994) treated this as an available and valid genus-group name thinking that the name was made available by the type designation by Vevers and bibliographic reference to the original description in the *Zoological Record*. Since the authorship of the Insecta section of the *Zoological Record* for that year was “the Staff of the Zoological Record” and no specific person or persons can be found from that work that were explicitly responsible for the nomenclatural act, the authorship must be anonymous, which relegates the name to *nomen nudum* status.

Opalimosina Roháček

Opalimosina Roháček, 1982: 224. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Opalimosina Roháček, 1983: 137. Type species: *Limosina mirabilis* Collin, 1902 (original designation).

Family: SPHAEROCERIDAE.

Current status: *Opalimosina* Roháček, 1983.

[Osornomyia]

Osornomyia Leví-Castillo, 1955: 361 (as subgenus of *Haemagogus* Williston, 1896). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species-group names.

Osornomyia Anonymous in Commonwealth Institute of Entomology, 1957: 452. Type species: *Haemagogus garciai* Leví-Castillo, 1955 (monotypy). *Nomen nudum*; anonymous authorship after 1950.

Family: CULICIDAE.

Current status: *Nomen nudum*; treated under *Haemagogus* Williston, 1896.

Paracricotopus Brundin

Paracricotopus Thienemann & Harnisch, 1932: 136. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species-group names.

Paracricotopus Brundin, 1956: 119. Type species: *Cricotopus niger* Kieffer, 1913 (original designation).

Family: CHIRONOMIDAE.

Current status: *Paracricotopus* Brundin, 1956.

Paracyrtoneurina Pamplona

Paracyrtoneurina Pamplona & Couri, 1998: 543, 547. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species-group names.

Paracyrtoneurina Pamplona, 1999: 16. Type species: *Cyrtoneurina armipes* Stein, 1911 (original designation).

Family: MUSCIDAE.

Current status: Name available from Pamplona (1999); junior synonym of *Cyrtoneuropsis* Malloch, 1925.

Paraleia Anonymous

Paraleia Armbruster, 1938: 120. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Paraleia Anonymous in Imperial Institute of Entomology, 1944: 233. Type species: *Paraleia rhymsoides* Armbruster, 1938 (original designation).

Family: MYCETOPHILIDAE.

Current status: *Paraleia* Anonymous in Imperial Institute of Entomology, 1944.

Remarks: Evenhuis (1994) gave the authorship of the name as “Neave”, but this is not allowed by the *Code* as it was deduced from external evidence.

Paramyzomyia Christophers

Paramyzomyia Christophers & Barraud, 1931: 168. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from six included species.

Paramyzomyia Christophers, 1933: 251. Type species: *Anopheles turkhudi* Liston, 1901 (original designation).

Family: CULICIDAE.

Current status: Name available from Christophers (1933); junior synonym of *Cellia* Theobald, 1902 (subgenus of *Anopheles* Meigen, 1818).

Paraphytomyza Enderlein

Paraphytomyza Enderlein, 1936a: 180, 182. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from five included species.

Paraphytomyza Enderlein, 1936b: 42. Type species: *Phytomyza xylostei* Robineau-Desvoidy, 1851 *sensu*

Enderlein (1936b) [misidentification, = *Phytomyza luteoscutellata* de Meijere, 1924] (original designation).

Family: AGROMYZIDAE.

Current status: *Paraphytomyza* Enderlein, 1936b.

Remarks. The I.C.Z.N. (1988: 238) in Opinion 1509 designated *Phytomyza luteoscutellata* de Meijere, 1924 as the type species of *Paraphytomyza* Enderlein, 1936b: 42.

NB: De Meijere (1924) proposed the name *luteoscutellata* two times to replace *Phytomyza lonicerae* Brischke, 1881 (once in the genus *Phytomyza*, p. 123; and once in the genus *Phytomyza*, p. 145).

Parapodomyia Mesnil

Parapodomyia Mesnil, 1952: 235 (subgenus of *Blepharella* Macquart, 1851). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Parapodomyia Mesnil, 1956: 560. Type species: *Blepharella claripennis* Mesnil, 1952 (original designation).

Family: TACHINIDAE.

Current status: Name available from Mesnil (1956); junior synonym of *Chaetexorista* Brauer & Bergensstamm, 1895.

Parasepedon Steyskal & Verbeke

Parasepedon Verbeke, 1950: 37. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Parasepedon Steyskal & Verbeke, 1956: 3. Type species: *Sepedon notambe* Speiser, 1910 (original designation).

Family: SCIOMYZIDAE.

Current status: *Parasepedon* Steyskal & Verbeke, 1956 (subgenus of *Sepedon* Latreille, 1804).

[*Pareriothrix*]

Pareriothrix Belanovsky, 1953: 230 (subgenus of *Eriothrix* Meigen, 1803). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Pareriothrix Herting, 1984: 146 (subgenus of *Eriothrix* Meigen, 1803). Type species: *Olivieria latifrons* Brauer, 1898 (original designation). *Nomen nudum*; genus-group name proposed in synonymy after 1960.

Family: TACHINIDAE.

Current status: *Nomen nudum*; treated under *Eriothrix* Meigen, 1803.

Parexoristina Anonymous

Parexoristina Enderlein, 1936a: 229, 231 (subgenus of *Exorista* Meigen, 1803). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Parexoristina Anonymous in Imperial Institute of Entomology, 1937: 385. Type species: *Tachina affinis* Fallén, 1810 [as "*Exorista*"] (monotypy).

Family: TACHINIDAE.

Current status: Name available from Anonymous *in* Imperial Institute of Entomology (1937); junior synonym of *Hubneria* Robineau-Desvoidy, 1847.

Remarks: The action in Imperial Institute of Entomology (1937: 385) with bibliographic reference to Enderlein (1936a) and the inclusion of a single species (*Tachina affinis*) makes the name available with type species by monotypy. Herting (1984), unaware of the action in Imperial Institute of Entomology (1937), explicitly designated *Tachina affinis* as the type species but kept the name in synonymy, thus the name was a *nomen nudum* there.

Paroedesiella Anonymous

Paroedesiella Enderlein, 1936a: 187. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from four included species.

Paroedesiella Anonymous *in* Imperial Institute of Entomology, 1937: 394. Type species: *Oscinella styriaca* Strobl, 1898 (monotypy).

Family: CHLOROPIDAE.

Current status: *Paroedesiella* Anonymous *in* Imperial Institute of Entomology, 1937 (subgenus of *Dicraeus* Loew, 1873).

Remarks: Sabrosky (1941: 761) explicitly designated *Oscinella styriaca* as the type species, but the Imperial Institute of Entomology's (1937: 394) recording of the name with bibliographic reference to Enderlein (1936a: 187) and listing of only one available species-group name makes the name available (type fixation by monotypy) and is earlier.

Phytotendipes Goetghebuer

Phytotendipes Goetghebuer, 1934b: 394 (subgenus of *Glyptotendipes* Kieffer, 1913). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species.

Phytotendipes Goetghebuer, 1937: 14 (subgenus of *Glyptotendipes* Kieffer, 1913). Type species: *Chironomus pallens* Meigen, 1804 (original designation).

Family: CHIRONOMIDAE.

Current status: Name available from Goetghebuer (1937); junior synonym of *Glyptotendipes* (*Glyptotendipes*) Kieffer, 1913.

Remarks: For nomenclature at subgenus level in *Glyptotendipes*, see Spies & Saether (2004: 50).

Pilimas Brennan

Pilimas Brennan, 1935: 366 (subgenus of *Stonemyia* Brennan, 1935). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Pilimas Brennan *in* Philip, 1941: 130 (subgenus of *Stonemyia* Brennan, 1935). Type species: *Diatomineura californica* Bigot, 1892 (original designation).

Family: TABANIDAE.

Current status: *Pilimas* Brennan *in* Philip, 1941 (subgenus of *Stonemyia* Brennan, 1935).

Placantichir Anonymous

Placantichir Enderlein, 1936a: 114 (subgenus of *Sciapus* Zeller, 1842). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Placantichir Anonymous in Imperial Institute of Entomology, 1937: 381. Type species: *Dolichopus nervosus* Lehmann, 1822 (monotypy).

Family: DOLICHOPODIDAE.

Current status: Name available from Anonymous in Imperial Institute of Entomology (1937); junior synonym of *Sciapus* Zeller, 1842.

Remarks: Enderlein (1936a: 114) proposed *Placantichir* based on two included species (one listed in the key [*P. nervosus* Lehmann] and one in the figure caption [*Placantichir wiedemanni* (Fallén)]). The Imperial Institute of Entomology (1937: 381) recorded the genus-group name giving bibliographic reference to Enderlein (1936a: 114) and listed only one species (*nervosus*), thus the name is made available there with type species by monotypy. Bickel (1994), unaware that Imperial Institute of Entomology (1937) had made the name available, proposed the genus by bibliographic reference to Enderlein (1936a: 114) and explicitly designated *Dolichopus nervosus* as the type species. However, by proposing the name in synonymy after 1960, Bickel's name is a *nomen nudum*.

Polleniomyia Jacentkovský

Polleniomyia Jacentkovský, 1941b: 20, 23. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Polleniomyia Jacentkovský, 1942: 220. Type species *Pollenia labialis* Robineau-Desvoidy, 1830, by original designation.

Family: CALLIPHORIDAE.

Current status: Available name from Jacentkovský (1942); junior synonym of *Pollenia* Robineau-Desvoidy, 1830.

Remarks: Jacentkovský (1941a: 31) is the first occurrence of the genus-group name *Polleniomyia*, but it appeared with neither a diagnosis nor a type species indication. The name *Polleniomyma* Jacentkovský (1944: 119) is an unnecessary replacement name for *Polleniomyia* as the latter is different by one letter from *Pollenomyia* Séguy, 1935 (cf. ICZN, Art. 56.2).

Proallodia Anonymous

Proallodia Armbruster, 1938: 121. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Proallodia Anonymous in Imperial institute of Entomology, 1944: 233. Type species: *Proallodia rhymosoides* Armbruster, 1938 (original designation).

Family: MYCETOPHILIDAE.

Current status: *Proallodia* Anonymous, 1944.

Remarks: Evenhuis (1994) gave the authorship of the name as “Neave”, but this is not allowed by the *Code* as it was deduced from external evidence.

Prodelopsis Anonymous

Prodelopsis Armbruster, 1938: 122. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Prodelopsis Anonymous in Imperial Institute of Entomology, 1944: 233. Type species: *Prodelopsis epicyp-toides* Armbruster, 1938 (original designation).

Family: MYCETOPHILIDAE.

Current status: *Prodelopsis* Anonymous, 1944.

Remarks: Evenhuis (1994) gave the authorship of the name as “Neave”, but this is not allowed by the *Code* as it was deduced from external evidence.

Proferia Mesnil

Proferia Mesnil, 1953: 149. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Proferia Mesnil, 1968: 184. Type species: *Proferia longicornis* Mesnil, 1968 (original designation).

Family: TACHINIDAE.

Current status: Name available from Mesnil (1968); junior synonym of *Thelairoleskia* Townsend, 1926.

Prophthinia Anonymous

Prophthinia Armbruster, 1938: 119. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Prophthinia Anonymous in Imperial Institute of Entomology, 1944: 233. Type species: *Prophthinia coelosoides* Armbruster, 1938 (original designation).

Family: MYCETOPHILIDAE.

Current status: *Prophthinia* Anonymous in Imperial Institute of Entomology, 1944.

Remarks: Evenhuis (1994) gave the authorship of the name as “Neave”, but this is not allowed by the *Code* as it was deduced from external evidence.

[*Prosalia*]

Prosalia Mesnil, 1947: 51 [1960: 563] (subgenus of *Exorista* Meigen, 1803). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species (1947) or three included species (1960).

Prosalia Herting, 1984: 13. Type species: *Exorista humilis* Mesnil, 1947 [= *Neophryxe psychidis* Townsend, 1916] (original designation). *Nomen nudum*; genus-group name proposed in synonymy after 1960.

Family: TACHINIDAE.

Current status: *Nomen nudum*; treated under *Neophryxe* Townsend, 1916.

Prosturmina Mesnil

Prosturmina Mesnil, 1949b: 8, 32 (subgenus of *Drino* Robineau-Desvoidy, 1830). *Nomen nudum*; genus-group name proposed after 1930 without type designation from three included species.

Prosturmina Mesnil, 1970: 111 (subgenus of *Drino* Robineau-Desvoidy, 1830). Type species: *Sturmia vigilans* Villeneuve, 1933 (original designation).

Family: TACHINIDAE.

Current status: Name available from Mesnil (1970); junior synonym of *Palexorista* Townsend, 1921.

Pseudacidia Munro

Pseudacidia Shiraki, 1933: 216 (subgenus of *Acidiella* Hendel, 1914). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from nine included species.

Pseudacidia Munro, 1935: 256. Type species: *Pseudacidia hemileoides* Munro, 1935 (monotypy).

Family: TEPHRITIDAE.

Current status: *Pseudacidia* Munro, 1935.

Remarks: Shiraki (1933: 216) proposed the genus-group name *Pseudacidia* for nine available species-group names but failed to designate a type species, thus *Pseudacidia* Shiraki, 1933 is a *nomen nudum*. The first to make the name available was Munro (1935: 256), who gave characters to distinguish the genus-group taxon (in addition to a bibliographic reference to Shiraki, 1933: 216) and also provided a single species name in association with it (*hemileoides* Munro, 1935), thus fixing the name by monotypy. A later designation by Hardy (1977) of *Pseudacidia issikii* Shiraki, 1933 put the name in synonymy with *Acidiella* Hendel, 1914, the concept of which has been used until now. The type species of *Pseudacidia* Munro (*hemileoides* Munro) is currently treated in *Breviculala* Ito, 1984 (e.g., Norrbom *et al.*, 1999: 107), thus by priority *Pseudacidia* Munro becomes a senior synonym of it [*Breviculala* Ito, 1949 = *Pseudacidia* Munro, 1935, **n. syn.**] and the valid name to use for this group of species.

Pseudonupedia Hennig

Pseudonupedia Ringdahl, 1959: 292. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from four available species-group names.

Pseudonupedia Hennig, 1972: 433. Type species: *Anthomyia intersecta* Meigen, 1826 (original designation).

Family: ANTHOMYIIDAE.

Current status: Name available from Hennig (1972); junior synonym of *Paradelia* Ringdahl, 1933.

Pseudophysocephala Kröber

Pseudophysocephala Kröber, 1939: 382. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from eleven included species.

Pseudophysocephala Kröber, 1940b: 221. Type species: *Conops platycephala* Loew, 1853 (original designation).

Family: CONOPIDAE.

Current status: *Pseudophysocephala* Kröber, 1940.

Pseudorthocladius Goetghebuer

Pseudorthocladius Goetghebuer, 1932: 93 (subgenus of *Orthocladius* van der Wulp, 1874). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species.

Pseudorthocladius Goetghebuer, 1943: 73 (subgenus of *Orthocladius* van der Wulp, 1874). Type species: *Psectrocladius curtistylus* Goetghebuer, 1921 (original designation).

Family: CHIRONOMIDAE.

Current status: *Pseudorthocladius* Goetghebuer, 1943.

Remarks: By strict priority, the genus name would have been available from Edwards (1932: 141), who designated *Spaniotoma flexuella* Edwards as the type species. Cranston (1975) and Spies & Saether (2004) detailed the confusing history of this genus-group name and its two type species designations and noted that, since most recent authors had been using *Pseudorthocladius sensu* Goetghebuer (1943), reverting to Edwards's (1932) use would upset the nomenclatural stability of *Pseudorthocladius* and two other genus-group names. The ICZN (2007) has ruled to conserve *Pseudorthocladius* Goetghebuer, 1943.

Pseudosmittia Edwards

Pseudosmittia Goetghebuer, 1932: 126 (subgenus of *Smittia* Holmgren, 1869). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from nine included species.

Pseudosmittia Edwards, 1932: 141 (subgenus of *Smittia* Holmgren, 1869). Type species: *Spaniotoma angusta* Edwards, 1929 (original designation).

Family: CHIRONOMIDAE.

Current status: *Pseudosmittia* Edwards, 1932.

Remarks: Ashe's (1983) comment that the name was still a *nomen nudum* was erroneous. The treatment by Edwards (1932: 141) has satisfied the rules of nomenclature to make the name available (Spies & Reiss, 1996: 77, 91).

Pterobosca Macfie

Pterobosca Macfie, 1932: 266. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from five included species.

Pterobosca Macfie, 1940: 16. Type species: *Ceratopogon aeschnosuga* de Meijere, 1927 (original designation).

Family: CERATOPOGONIDAE.

Current status: *Pterobosca* Macfie, 1940 (subgenus of *Forcipomyia* Meigen, 1818).

Pullimosina Roháček

Pullimosina Roháček, 1982: 223. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Pullimosina Roháček, 1983: 98. Type species: *Limosina heteroneura* Haliday, 1836 (original designation).

Family: SPHAEROCERIDAE.

Current status: *Pullimosina* Roháček, 1983.

Rainieriella Aczél

Rainieriella Hennig, 1935b: 64 (subgenus of *Rainieria* Rondani, 1843). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species.

Rainieriella Aczél, 1949: 362 (subgenus of *Rainieria* Rondani, 1843). Type species: *Rainieriella andorum* Hennig, 1935 (original designation).

Family: MICROPEZIDAE.

Current status: *Rainieriella* Aczél, 1949 (subgenus of *Rainieria* Rondani, 1843).

Remarks: Whether species are explicitly included in the genus-group name *Rainieriella* in Hennig (1935b) is equivocal. There are three species listed below the subgeneric heading but they lack the subgeneric name in each species heading as was done for other species-group names attributed to subgenera within *Rainieria* by Hennig (1935b). We treat the three listed there as included species. This is irrelevant as far as nomenclature is concerned as the name in Hennig (1935b) is a *nomen nudum*. Aczél's (1949) actions satisfy the rules of nomenclature there and provide the first proposal of the genus-group name and its type species fulfilling all requirements for availability.

Rheocricotopus Brundin

Rheocricotopus Thienemann & Harnisch, 1932: 135. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from six included species-group taxa.

Rheocricotopus Brundin, 1956: 118. Type species: *Chironomus effusus* Walker, 1856 (original designation).

Family: CHIRONOMIDAE.

Current status: *Rheocricotopus* Brundin, 1956.

Rheosmittia Brundin

Rheosmittia Brundin, 1956: 150 (subgenus of *Parakiefferiella* Thienemann, 1936). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Rheosmittia Brundin in Cranston & Saether, 1986: 33. Type species: *Parakiefferiella spinicornis* Brundin, 1956 (original designation).

Family: CHIRONOMIDAE.

Current status: *Rheosmittia* Brundin in Cranston & Saether, 1986.

Remarks: A type-species designation by Cranston in Ashe & Cranston (1990: 226) is later.

[*Sachtlebeniola*]

Sachtlebeniola Lehrer, 1963: 291, 300. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from five included species.

Family: CALLIPHORIDAE.

Current status: *Nomen nudum*; treated under *Pollenia* Robineau-Desvoidy, 1830.

Saraiella Vaillant

Saraiella Vaillant, 1973a: 360. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Saraiella Vaillant, 1981: 285. Type species: *Pericoma crypta* Vaillant, 1955 (original designation).

Family: PSYCHODIDAE.

Current status: *Saraiella* Vaillant, 1981.

Remarks: Vaillant's second article in 1973 described a single species in *Saraiella* (1973b: 672) but the genus-group name is not made available from there as no characters nor indication were given to differentiate it.

Savtshenkia Alexander

Savtshenkia Mannheims, 1962: 195 (subgenus of *Tipula* Linnaeus, 1758). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Savtshenkia Alexander, 1966: 238 (subgenus of *Tipula* Linnaeus, 1758). Type species: *Tipula rufina* Meigen, 1818 (original designation).

Family: TIPULIDAE.

Current status: *Savtshenkia* Alexander, 1966 (subgenus of *Tipula* Linnaeus, 1758).

Scelloides Bickel & Dyte

Scelloides Parent, 1933: 387. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from twelve included species.

Scelloides Bickel & Dyte, 1989: 415. Type species: *Scelloides ornatipes* Parent, 1933 (original designation).

Family: DOLICHOPODIDAE.

Current status: *Scelloides* Bickel & Dyte, 1989.

[Sphaericocephala]

Sphaericocephala Czerny, 1932: 291. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from five included species.

Sphaericocephala Steyskal, 1977: 12. Type species: *Trepidarea cyanea* Hendel, 1913 (original designation). *Nomen nudum*; genus-group name proposed in synonymy after 1960.

Family: MICROPEZIDAE.

Current status: *Nomen nudum*; treated under *Cothornobata* Czerny, 1932.

Stirops Enderlein

Stirops Enderlein, 1936a: 179, 182. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from four included species.

Stirops Enderlein, 1936b: 42. Type species: *Ophiomyia submaura* Hering, 1926 (original designation).

Family: AGROMYZIDAE.

Current status: Name available from Enderlein (1936b); junior synonym of *Ophiomyia* Braschnikov, 1897.

Stizambia Sabrosky

Stizambia Enderlein, 1936a: 187. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Stizambia Sabrosky, 1941: 767. Type species: *Chlorops aprica* Meigen, 1830 (original designation).

Family: CHLOROPIDAE.

Current status: *Stizambia* Sabrosky, 1941 (subgenus of *Dicraeus* Loew, 1873).

Stomacrypolus Enderlein

Stomacrypolus Enderlein, 1936a: 178, 181. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from eight included species.

Stomacrypolus Enderlein, 1936b: 42. Type species: *Agromyza ambigua* Fallén, 1823 (original designation).

Family: AGROMYZIDAE.

Current status: Name available from Enderlein (1936b); junior synonym of *Agromyza* Fallén, 1810.

Svaricella Roháček

Svaricella Roháček, 1982: 222 (subgenus of *Minilimosina* Roháček, 1982). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from four included species.

Svaricella Roháček, 1983: 30 (subgenus of *Minilimosina* Roháček, 1983). Type species: *Limosina splendens* Duda, 1928 [= *Leptocera v-atrum* Villeneuve, 1917] (original designation).

Family: SPHAEROCERIDAE.

Current status: *Svaricella* Roháček, 1983 (subgenus of *Minilimosina* Roháček, 1983).

Telomerina Roháček

Telomerina Roháček, 1982: 224. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species.

Telomerina Roháček, 1983: 129. Type species: *Borborus flavipes* Meigen, 1830 (original designation).

Family: SPHAEROCERIDAE.

Current status: *Telomerina* Roháček, 1983.

Termitocalliphora Bauristhene

Termitocalliphora Bauristhene, 1964: 16. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Termitocalliphora Bauristhene in Pont, 1980: 797. Type species: *Termitocalliphora machadoi* Bauristhene, 1964 (original designation).

Family: CALLIPHORIDAE.

Current status: *Termitocalliphora* Bauristhene in Pont, 1980.

Terrilimosina Roháček

Terrilimosina Roháček, 1982. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species.

Terrilimosina Roháček, 1983: 21. Type species: *Limosina racovitzai* Bezzi, 1911 (original designation).

Family: SPHAEROCERIDAE.

Current status: *Terrilimosina* Roháček, 1983.

Tetrachaetus Bickel & Dyte

Tetrachaetus Parent, 1933: 437. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Tetrachaetus Bickel & Dyte, 1989: 417. Type species: *Tetrachaetus bipunctatus* Parent, 1933 (original designation).

Family: DOLICHOPODIDAE.

Current status: *Tetrachaetus* Bickel & Dyte, 1989.

Thornburghiella Vaillant

Thornburghiella Vaillant, 1973a: 361. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from seven included species.

Thornburghiella Vaillant, 1983: 299. Type species: *Psychoda albitarsis* Banks, 1895 (original designation).

Family: PSYCHODIDAE.

Current status: *Thornburghiella* Vaillant, 1983.

[Tonnoirina]

Tonnoirina Schmitz, 1939: 88 (subgenus of *Triphleba* Rondani, 1856). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species. [Preoccupied by Edwards, 1929.]

Tonnoirina Schmitz, 1941: 128. Type species: *Triphleba rufithorax* Schmitz, 1939 (original designation). *Nomen nudum*; genus-group name proposed in synonymy and not made available from being used as a valid name before 1961. [Preoccupied by Edwards, 1929.]

Family: PHORIDAE.

Current status: *Nomen nudum*; treated under *Triphleba* Rondani, 1856.

Remarks: The type designation in Schmitz (1941: 128) is explicit, but the treatment of *Tonnoirina* as a valid name could be considered equivocal. Schmitz gives characters to differentiate it, but refrains from naming a replacement name for it as he says he finds it impractical to split *Triphleba* into subgenera. We consider the refusal to consider subgenera of *Triphleba* as a statement of synonymy for *Tonnoirina* and treat the name as such here.

[Trichotomesa]

Trichotomesa Hrabe, 1940: 20. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Trichotomesa Pagast, 1947: 451. Type species: *Syndiamesa nivosa* Goetghebuer, 1928 (original designation). *Nomen nudum*; genus-group name proposed in synonymy after 1930 and not made available from being

used as a valid name before 1961.

Family: CHIRONOMIDAE.

Current status: *Nomen nudum*; treated under *Pseudodiamesa* Goetghebuer, 1939.

Remarks: Ashe (1983) indicated that no generic diagnosis was given for the genus-group name in Hrabe (1940); however, there are larval physiological characters given for *Trichotomesa* on page 23. The authorship is given as Pagast *in* Hrabe by Ashe (1983) and Ashe & Cranston (1990). There is nothing in Hrabe (1940) to indicate that Pagast provided anything more than the name in that work, thus the authorship of the *nomen nudum* is attributed here to Hrabe.

Triopisopa Enderlein

Triopisopa Enderlein, 1936a: 179. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species.

Triopisopa Enderlein, 1936b: 42. Type species: *Agromyza simplex* Loew, 1869 (original designation).

Family: AGROMYZIDAE.

Current status: Name available from Enderlein (1936b); junior synonym of *Ophiomyia* Braschnikov, 1897.

[*Tristichothyrus*]

Tristichothyrus Enderlein, 1936a: 118. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species.

Family: PHORIDAE.

Current status: *Nomen nudum*; treated under *Stichillus* Enderlein, 1924.

Turneria Parent

Turneria Parent, 1934: 127. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from two included species. [Preoccupied by Forel, 1885.]

Turneria Parent, 1935: 123. Type species: *Turneria depressa* Parent, 1935 (monotypy). [Preoccupied by Forel, 1885.]

Family: DOLICHOPODIDAE.

Current status: Name available from Parent (1935) but preoccupied; junior synonym and valid name is *Nurteria* Dyte & Smith, 1980.

Remarks: Parent (1934) described *Turneria* based on two available species-group names but failed to designate a type, thus the genus-group name is a *nomen nudum* in that publication. Dyte & Smith (1980) noted that the name was preoccupied by Forel, 1885 and proposed a new genus *Nurteria* by designating one of Parent's originally included species and giving a bibliographic reference to the original description of *Turneria* in Parent (1934) to make it available. They apparently missed the nomenclatural significance of the use of the generic name in Parent (1935) where only a single species-group name is mentioned and characters are also given (Parent, 1935: 124) to make the genus-group name available as well, thus the name is no longer a *nomen nudum* but is still preoccupied by Forel, 1885. *Nurteria* is thus the valid genus-group name for the species.

Uresipedilum Oyewo & Saether

Uresipedilum Sasa & Kikuchi, 1995: 40, 119 (subgenus of *Polypedilum* Kieffer, 1912). *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from nine included species.

Uresipedilum Oyewo & Saether, 1998: 317 (subgenus of *Polypedilum* Kieffer, 1912). Type species: *Chironomus convictus* Walker, 1856 (original designation).

Family: CHIRONOMIDAE.

Current status: *Uresipedilum* Oyewo & Saether, 1998 (subgenus of *Polypedilum* Kieffer, 1912).

Zelindopsis Anonymous

Zelindopsis Villeneuve, 1943: 101. *Nomen nudum*; genus-group name proposed after 1930 without designation of type species from three included species.

Zelindopsis Anonymous in Imperial Institute of Entomology, 1946: 208. Type species: *Zelindopsis duplaria* Villeneuve, 1943 (monotypy).

Family: TACHINIDAE.

Current status: *Zelindopsis* Anonymous in Imperial Institute of Entomology, 1946.

Remarks: Verbeke (1962: 168) explicitly designated *Zenilla illita* Villeneuve, 1916 as type species, but the Imperial Institute of Entomology's (1946: 208) record of the genus-group name with bibliographic reference to Villeneuve (1943: 101) and listing of only one available species-group name makes it available from there, with type species by monotypy, and is earlier. Although the Imperial Institute of Entomology's (1946) designation is of a different species than designated by Verbeke (1962), there is no change in generic concept because both species are currently treated in *Zelindopsis*.

List of post-1930 genus-group names treated in this paper by family

AGROMYZIDAE: *Hexomyza*, *Liomyzina*, *Paraphytomyza*, *Stirops*, *Stomacrypolus*, *Triopisopa*

ANTHOMYIIDAE: *Pseudonupedia*

ASILIDAE: *Eremisca*, *Neatonia*

CALLIPHORIDAE: *Dasypollenia*, *Polleniomyia*, *Sachtlebeniola*, *Termitocalliphora*

CECIDOMYIIDAE: *Actilasioptera*, *Asiodiplosis*, *Camptoza*

CERATOPOGONIDAE: *Neostilobezzia*, *Pterobosca*

CHIRONOMIDAE: *Cryptocladopelma*, *Cryptotendipes*, *Endotendipes*, *Euclunio*, *Eucorynoneura*, *Gymnometriocnemus*, *Leptochironomus*, *Ljungneria*, *Microcricotopus*, *Odontocladius*, *Paracricotopus*, *Phytotendipes*, *Pseudorthocladius*, *Pseudosmittia*, *Rheocricotopus*, *Rheosmittia*, *Trichotomesa*, *Uresipedilum*

CHLOROPIDAE: *Lasiambia*, *Paroedesiella*, *Stizambia*

CONOPIDAE: *Archiconops*, *Caenoconops*, *Chrysidiomyia*, *Pseudophysocephala*

CULICIDAE: *Neotheobaldia*, *Osornomyia*, *Paramyzomyia*

DOLICHOPODIDAE: *Anasyntormon*, *Cachonopus*, *Dactylodiscia*, *Ischiochaetus*, *Micropygus*, *Nematopus*, *Placantichir*, *Scelloides*, *Tetrachaetus*, *Turneria*

EPHYDRIDAE: *Atissina*

LONCHAEIDAE: *Dasylonchaea*

LYGISTORRHINIDAE: *Blagorrhina*

MICROPEZIDAE: *Erythromyiella*, *Hemicheta*, *Rainieriella*, *Sphaericocephala*

MUSCIDAE: *Paracyrtoneurina*
 MYCETOPHILIDAE: *Paraleia*, *Proallodia*, *Prodelopsis*, *Prophthina*
 OESTRIDAE: *Baucuterebra*
 PHORIDAE: *Javanoxenia*, *Tonnoirina*, *Tristichothyrus*
 PIPUNCULIDAE: *Jassidophaga*
 PSILIDAE: *Ctenochyliza*
 PSYCHODIDAE: *Gondwanotrichomyia*, *Saraiella*, *Thornburghiella*
 SARCOPHAGIDAE: *Hallisca*
 SCATOPSIDAE: *Ferneiella*
 SCIARIDAE: *Bonessia*
 SCIOMYZIDAE: *Mesosepedon*, *Parasepedon*
 SPHAEROCERIDAE: *Herniosina*, *Minilimosina*, *Opalimosina*, *Pullimosina*, *Svaricella*, *Telomerina*, *Terrilimosina*
 STRATIOMYIDAE: *Dischizocera*, *Galeodiotrigger*, *Keiseria*
 SYRPHIDAE: *Asiosphegina*, *Dasyepistrophe*, *Euryepistrophe*, *Heterepistrophe*
 TABANIDAE: *Pilimas*
 TACHINIDAE: *Anurophyllina*, *Cassidocida*, *Ceratochaetops*, *Exoristella*, *Gaedioxenis*, *Glossosalia*, *Isoprosopaea*, *Medinella*, *Melanesomyia*, *Parapodomya*, *Pareriothrix*, *Parexoristina*, *Proferia*, *Prosalia*, *Prosturmina*, *Zelindopsis*
 TEPHRITIDAE: *Cladotricha*, *Pseudacidia*
 TIPULIDAE: *Savtshenka*
 TRICHOCERIDAE: *Oligotrichocera*

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