



# **Mayflies of the World**

## **A Catalog of the Family and Genus Group Taxa**

**(Insecta: Ephemeroptera)**

**by**  
**Michael D. Hubbard**

**Flora & Fauna Handbook No. 8**

FLORA & FAUNA HANDBOOK NO. 8

**MAYFLIES OF THE WORLD**  
**A Catalog of the Family and Genus**  
**Group Taxa**

(INSECTA: EPHEMEROPTERA)

by

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## INTRODUCTION

This catalog lists all family-group (family, subfamily, tribe, subtribe) and genus-group (generic or subgeneric) names which have been proposed for the Ephemeroptera, both Recent and fossil. It is divided into four parts. The first part illustrates the hierarchical classification of the Ephemeroptera. The second part is an alphabetical list of all family-group names which have been proposed for Ephemeroptera. The third part consists of an alphabetical catalog of all genus-group names which have been proposed for Ephemeroptera. The fourth section consists of full references to the literature cited in the catalog.

There are presently known 371 valid genera of Ephemeroptera, of which 61 are known only from fossils. This contrasts with approximately 231 valid genera known in 1976 (Hubbard & Peters 1976).

The classification scheme used in this publication is based largely on that proposed by Landa & Soldán (1985) modified slightly by my own somewhat idiosyncratic views of classification. In the hierarchical classification scheme each valid genus-group taxon is listed in the appropriate systematic position in the hierarchy, indicating the family-group taxa to which it belongs. If there are synonyms for any of the genus-group taxa, they are listed following the appropriate name. The geographic distribution (or in the case of fossil taxa, indicated by a preceding "†", the geologic age) of each valid genus-group taxon is given in parentheses following each name.

I have tried to follow closely the International Rules of Zoological Nomenclature in the listing and discussion of the taxa in this publication.

In the third part of this catalog, the alphabetical catalog of genus-group names, the main entry for each valid name is **bold-faced**. If the genus-group name is invalid (i.e., not available or a junior synonym) the entry is *italicized*. The main entry for each genus-group name also lists the author(s) of the name, with the date of publication of the name, and the starting page number of the original description or proposal of the name which made the name taxonomically available. The type-species of each genus-group taxon is listed and the method of designation of the type-species is given (whether original designation, monotypy, subsequent designation, or objective synonymy)

For valid names, the family-group categories to which each taxon belongs is given, along with any synonyms of the genus-group taxon. For invalid names, the reason for the invalidity or the senior synonym is given. Where a senior synonym exists, a reference to a declaration or discussion of the synonymy is included. Where appropriate, further notes concerning the nomenclature and systematics of the taxon are listed in a following paragraph.

The fourth section, Literature Cited, lists, alphabetically by author, the full bibliographic reference to all papers cited in the text.

This paper is one in a continuing series of catalogs of the Ephemeroptera (cf. Hubbard & Peters 1978, Hubbard & Pescador 1978, Hubbard 1979b, 1982a, 1982b, 1986, 1987, Hubbard & Savage 1981).

## ACKNOWLEDGEMENTS

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## HIERARCHICAL CLASSIFICATION SCHEME OF THE ORDER EPHEMEROPTERA

In this section each valid genus and subgenus is listed in the hierarchical classification scheme along with any synonyms. For Recent genera, the known geographical distribution of the genus is given (Af = Africa; As = Asia; Aus = Australia; E = Europe; Mad = Madagascar; NA = North America; NZ = New Zealand; SA = South America [CA = Central America only]). For genera known only from fossils, marked with a "†", the geological age is given.

- †Protoephemeroptera
  - †Triplosoboidea
    - †Triplosobidae
  - †Triplosoba Handlirsch [= **Blanchardia** Brongniart] (Carboniferous)
- †Permoplectoptera
  - †Syntonopteroidea
    - †Bojophlebiidae
    - †Syntonopteridae
  - †Bojophlebia Kukalová-Peck (Carboniferous)
  - †Lithoneura Carpenter (Carboniferous)
  - †Syntonoptera Handlirsch (Carboniferous)
- †Prottereismatoidea
  - †Jarmilidae
  - †Mesoplectopteridae
  - †Misthodotidae
  - †Oboriphlebiidae
  - †Prottereismatidae

**Pinctodia** Sellards; = **Scopus** Sellards; = **Mecus** Sellards; = **Recter** Sellards; = **Prodromites** Cockerell; = **Loxophlebia** Martynov] (Permian)

†**Mesephemeroidea**

†**Mesephemeridae**

†**Mesephemera** Handlirsch (Jurassic)

†**Palinephemera** Lin (Jurassic)

†**Palingeniopsis** Martynov (Permian)

**Baetoidea**

**Ameletopsidae**

**Ameletopsinae**

**Ameletopsis** Phillips (NZ)

†**Balticophlebia** Demoulin (Eocene)

**Chaquihua** Demoulin (SA)

**Mirawara** Harker (Aus)

**Chiloporterinae**

**Chiloporter** Lestage (SA)

**Ametropodidae**

**Ametropodinae**

**Ametropus** Albarda (As, E, NA)

†**Brevitibia** Demoulin (Eocene)

**Baetidae**

**Acanthiops** Waltz & McCafferty (Af)

**Acentrella** Bengtsson (Af, As, E)

**Acerpenna** Waltz & McCafferty (NA)

**Afrobaetodes** Demoulin (Af)

**Apobaetis** Day (NA)

**Baetis** Leach [= **Brachyphlebia** Westwood]

s.g. **Baetiella** Uéno [= **Neobaetiella** Müller-Liebenau] (As)

s.g. **Baetis** Leach (Af, As, Aus, E, Mad, NA, SA)

s.g. **Holobaetus** Sukatskene [not available]

s.g. **Labiobaetus** Novikova & Kluge (As)

s.g. **Montobaetus** Kazlauskas [not available]

s.g. **Nigrobaetus** Kazlauskas (As)

s.g. **Rhodobaetus** Kazlauskas [not available]

s.g. **Takobia** Novikova & Kluge (As)

- s.g. **Vernobaetis** Kazlauskas [not available]
- Baetodes** Needham & Murphy (NA, SA)
- Baetopus** Keffermüller
- s.g. **Baetopus** Keffermüller (As, E)
  - s.g. **Raptobaetopus** Müller-Liebenau (As, E)
- Barbaetis** Waltz & McCafferty (NA)
- Bernerius** Waltz & McCafferty (SA)
- Bungona** Harker (Aus)
- Callibaetis** Eaton [= **Neobaetis** Navás] (NA, SA)
- Camelobaetidius** Demoulin (SA)
- Centroptiloides** Lestage [= **Haplobaetis** Navás] (Af, Mad)
- Centroptilum** Eaton (Af, As, Aus, E, Mad, NA)
- Chopralla** Waltz & McCafferty (As)
- Cloeodes** Traver [= **Centroptella** Braasch & Soldán]
- s.g. **Cloeodes** Traver (As, SA, NA)
  - s.g. **Notobaetis** Morihara & Edmunds (SA)
- Cloeon** Leach [= **Neocloeon** Traver; = **Austrocloeon** Barnard; = **Cloe** Burmester; = **Cloeopsis** Eaton] (Af, As, Aus, E, Mad, NA, SA)
- Dactylobaetis** Traver & Edmunds (Na, SA)
- Diphetor** Waltz & McCafferty (NA)
- Echinobaetis** Mol (As)
- Fallceon** Waltz & McCafferty (NA)
- Guajirolus** Flowers (SA)
- Harpagobaetis** Mol (SA)
- Heterocloeon** McDunnough [= **Rheobaetis** Müller-Liebenau] (NA)
- Indobaetis** Müller-Liebenau & Morihara (As)
- Indocloeon** Müller-Liebenau (As)
- Jubabaetis** Müller-Liebenau (As)
- Libebiella** Waltz & McCafferty
- Matsumuracloeon** Hubbard [= **Pseudocloeon** Matsumura, preoccupied] (AS)

- †Mesobaetis** Brauer, Redtenbacher, & Ganglbauer (Jurassic)
- Moribaetis** Waltz & McCafferty  
s.g. **Mayobaetis** Waltz & McCafferty  
(SA)
- s.g. **Moribaetis** Waltz & McCafferty  
(SA)
- Mutelocloeon** Gillies & Elouard (Af)
- Nesoptiloides** Demoulin (Mad)
- Ophelmatostoma** Waltz & McCafferty (Af)
- †Palaeobaetodes** Brito (Cretaceous)
- Paracloeodes** Day (NA, SA)
- Platybaetis** Müller-Liebenau (As)
- Procloeon** Bengtsson [= **Pseudocloeon** Bengtsson] (Af, As, E)
- Promatsumura** Hubbard [= **Procloeon** Matsumura, preoccupied] (As)
- Pseudocentroptiloides** Jacob  
s.g. **Psammonella** Glazaczow (As)  
s.g. **Pseudocentroptiloides** Jacob (E)
- Pseudocentroptilum** Bogoesco (E)
- Pseudocloeon** Klapálek [= **Baetiella** Uéno]  
(Af, As, E, Mad, NA, SA)
- Pseudopannota** Waltz & McCafferty (Af)
- Rhithrocloeon** Gillies (Af)
- Symbiocloeon** Müller-Liebenau (As)
- Siphlaenigmatidae**
- Siphlaenigma** Penniket (NZ)
- Oniscigastridae**
- Oniscigaster** McLachlan (NZ)
- Siphlonella** Needham & Murphy (SA)
- Tasmanophlebia** Tillyard [= **Tasmanophlebioides** Lestage] (Aus)
- Siphlonuridae**
- Acanthametropodinae**
- Acanthametropus** Tshernova [= **Metreturus** Burks] (As, NA)
- †Albisca** Sinitshenkova (Mesozoic)
- Analetris** Edmunds (NA)
- Siphluriscus** Ulmer (As)
- †Stackelbergisca** Tshernova (Jurassic)
- Metretopodinae**
- Metretopus** Eaton (As, E, NA)

- Siphloplecton Clemens (NA)**
- Rallidentinae**                   **Rallidens Penniket (NZ)**
- Siphlonurinae**
- Ameletoides Tillyard (Aus)  
 Ameletus Eaton [= Chimura Navás; = Metreletus Demoulin; = Paleoameletus Lestage] (As, E, NA)  
 †Aphelophlebodes Pierce (Miocene)  
 †Australurus Jell & Duncan (Cretaceous)  
 †Baltameletus Demoulin (Eocene)  
 Dipteromimus McLachlan [= Dipteronimodes Matsumura] (As)  
 †Dulcimana Jell & Duncan (Cretaceous)  
 Edmundsius Day (NA)  
 Metamonius Eaton (SA)  
 Nesameletus Tillyard (NZ)  
 †Olgisca Demoulin (Jurassic)  
 Parameletus Bengtsson [= Eatonia Bengtsson; = Palmenia Lestage; = Potamensis Bengtsson; = Siphlonuroides McDunnough; = Sparrea Esben-Petersen] (As, E, NA)  
 †Proameletus Sinitshenkova (Cretaceous)  
 †Promirara Jell & Duncan (Cretaceous)  
 Siphlonisca Needham (As, NA)  
 Siphlonurus Eaton [= Siphlurella Bengtsson; = Andromina Navás; = Siphlurus Eaton] (As, E, NA)
- Hexagenitoidea**
- †Aenigmephemeridae  
 †Aenigmephemera Tshernova (Jurassic)
- †Aphelophlebodidae  
 †Aphelophlebodes Pierce (Miocene)
- †Hexagenitidae  
 †Ephemeropsis Eichwald [= Phacelobranchus Handlirsch] (Jurassic)  
 †Hexagenites Scudder [= Paedephemera Handlirsch; = Stenodicranum Demoulin] (Jurassic)  
 †Hexameropsis Tshernova & Sinitshenkova (Lower Cretaceous)

- †**Mongologenites** Sinitshenkova (Cretaceous)  
 †**Sibirogenites** Sinitshenkova (Jurassic)
- Heptagenioidea**
- †**Epeoromimidae**
- †**Epeoromimus** Tshernova (Jurassic, Cretaceous)  
 †**Foliomimus** Sinitshenkova (Jurassic)
- Oligoneuriidae**
- Chromarcyinae**
- Chromarcys** Navás [= **Pseudoligoneuria** Ulmer] (As)
- Coloburiscinae**
- Coloburiscoides** Lestage (Aus)  
**Coloburiscus** Eaton [= **Coloburus** Eaton] (NZ)  
 †**Cronicus** Eaton (Eocene)  
 †**Mogzonurella** Sinitshenkova (Jurassic)  
 †**Mogzonurus** Sinitshenkova (Jurassic)  
**Murphyella** Lestage [= **Dictyosiphon** Lestage] (SA)  
 †**Siphlurites** Cockerell (Miocene)
- Isonychiinae**
- Isonychia** Eaton [= **Jolia** Eaton; = **Chirotonetes** Needham; = **Eatonia** Ali]  
 s.g. **Borisonychia** McCafferty (NA)  
 s.g. **Isonychia** Eaton (As, E, NA, SA)  
 s.g. **Prionoides** Kondratieff & Voshell (NA)
- Oligoneuriinae**
- Elassoneuria** Eaton  
 s.g. **Elassoneuria** Eaton (Af, Mad)  
 s.g. **Madeconeuria** Demoulin (Mad)
- Homeoneuria** Eaton
- s.g. **Homeoneuria** Eaton (NA, SA)  
 s.g. **Notachora** Pescador & Peters (SA)
- Lachlania** Hagen [= **Alloydia** Needham; = **Neophlebia** Navás; = **Noya** Navás; = **Noyopsis** Navás] (NA, SA)
- Oligoneuria** Pictet (SA)
- Oligoneuriella** Ulmer (Af, As, E)
- Oligoneurioides** Demoulin (SA)

- Oligoneuriopsis Crass (Af)  
 Oligoneurisca Lestage (E)  
 †Protoligoneuria Demoulin (Calcareous)  
 Spaniophlebia Eaton (SA)
- Arthropleidae
- Arthroplea** Bengtsson [= Haplogenia  
 Blair; = Remipalpus Bengtsson] (E,  
 NA)  
 †**Electrogenia** Demoulin (Eocene)
- Heptageniidae
- Anepeorinae
- Anepeorus** McDunnough [= Spinadis Ed-  
 munds & Jensen] (As, NA)  
**Pseudiron** McDunnough (NA)
- Heptageniinae
- Acanthomola** Whiting & Lehmkuhl (NA)  
**Afronurus** Lestage (Af, As, E)  
**Asionurus** Braasch & Soldán (As)  
**Atopopus** Eaton (As)  
**Belovius** Tshernova (As)  
**Bleptus** Eaton (As)  
**Cinygma** Eaton (As, E, NA)  
**Cinygmoides** Matsumura (As)  
**Cinygmula** McDunnough (As, NA)  
**Compsoneria** Eaton [= Compsoneur-  
 iella Ulmer; = Notonurus Crass] (Af,  
 As, Mad)  
**Ecdyonurus** Eaton [= Afghanurus Demo-  
 ulin; = Akkarion Flowers; = Cinyg-  
 mina Kimmins; = Ecdyurus Eaton; =  
 Leucrocuta Flowers; = Nixe Flowers;  
 = Notacanthurus Tshernova; = Para-  
 cinygmula Bajkova] (Af, As, E, NA)  
**Electrogena** Zurwerra & Tomka (E)  
**Epeiron** Demoulin (As, E)  
**Epeorella** Ulmer (As)  
**Epeorus** Eaton  
 s.g. **Epeorus** Eaton (As, E)  
 s.g. **Ironopsis** Eaton (As, NA)
- Heptagenia** Walsh [= Sigmoneuria Demo-  
 ulin]  
 s.g. **Dacnogenia** Kluge (As)

- s.g. **Heptagenia** Walsh (As, E, NA,  
       SA)  
 s.g. **Kageronia** Matsumura (As)  
**Iron** Eaton (As, E, NA, SA)  
**Ironodes** Traver (NA)  
**Macdunnoa** Lehmkuhl (NA)  
 †**Miocoenogenia** Tshernova (Oligocene)  
**Ororotsia** Traver (As)  
**Paegniodes** Eaton (As)  
**Raptoheptagenia** Whiting & Lehmkuhl  
       (NA)  
**Rhithrogena** Eaton (Af, As, E, NA, SA [CA  
       only])  
**Rhithrogeniella** Ulmer (As)  
**Stenacron** Jensen (NA)  
**Stenonema** Traver  
       s.g. **Maccaffertium** Bednarik (NA,  
           SA)  
       s.g. **Stenonema** Traver (NA)  
 †**Succinogenia** Demoulin (Eocene)  
**Thalerosphyrus** Eaton [= **Ecdyonuroides**  
       Dang] (As)  
**Trichogenia** Braasch & Soldán (As)
- Leptophlebioidea**  
**Leptophlebiidae**  
     **Atalophlebiinae**  
         **Acanthophlebia** Towns (NZ)  
**Adenophlebia** Eaton [= **Esbenophlebia**  
       Lestage] (Af)  
**Adenophlebiodes** Ulmer [= **Euphlebia**  
       Crass]  
         s.g. **Adenophlebiodes** Ulmer (Af)  
         s.g. **Hyalophlebia** Demoulin (Af)  
**Aprionyx** Barnard (Af)  
**Archethraulodes** Pescador & Peters (SA)  
**Arachnocolus** Towns & Peters (NZ)  
**Askola** Peters (SA)  
**Atalomicria** Harker (Aus)  
**Atalophlebia** Eaton (As?, Aus, SA?)  
**Atalophlebiodes** Phillips (Aus, NZ, SA?)  
**Atopophlebia** Flowers (SA)  
**Astroclima** Towns & Peters (NZ)  
**Austrophlebiodes** Campbell & Suter (Aus)

- Bibulmena** Dean (Aus)  
†**Blasturophlebia** Demoulin (Eocene)  
**Borinquena** Traver  
    s.g. **Australphlebia** Peters (SA)  
    s.g. **Borinquena** Traver (SA)  
**Careospina** Peters (SA)  
**Castanophlebia** Barnard (Af)  
**Chiusanophlebia** Uéno (As)  
**Choroterpes** Eaton  
    s.g. **Choroterpes** Eaton (Af, E, NA,  
        SA)  
    s.g. **Euthraulus** Barnard [= **Thrau-**  
        **lulus** Demoulin] (Af, As, E)  
    s.g. **Neochoroterpes** Allen (NA, SA)  
**Choroterpides** Ulmer (As)  
**Celiphlebia** Peters & Peters (NC)  
**Coula** Peters & Peters (NC)  
**Cryophlebia** Towns & Peters (NZ)  
**Cryptopenella** Gillies (As)  
**Dactylophlebia** Pescador & Peters (NA,  
    SA)  
**Deleatidium** Eaton (Aus, SA?)  
**Demoulinellus** Pescador & Peters (SA)  
**Ecuaphlebia** Dominguez (SA)  
**Edmundsula** Sivaramakrishnan (As)  
**Farrodes** Peters (SA)  
**Fittkaulus** Savage & Peters (SA)  
**Fulleta** Navás (Af)  
**Fulletomimus** Demoulin (Af)  
**Garinjuga** Campbell & Suter (Aus)  
**Hagenulodes** Ulmer (Mad)  
**Hagenulopsis** Ulmer (SA)  
**Hagenulus** Eaton (As, SA)  
**Hapsiphlebia** Peters & Edmunds (SA)  
**Hermanella** Needham & Murphy  
    s.g. **Guayakia** Dominguez & Flowers  
        (SA)  
    s.g. **Hermanella** Needham & Murphy  
        (SA)  
**Hermanellopsis** Demoulin (SA)  
**Homothraulus** Demoulin (SA)  
**Hylister** Dominguez & Flowers (SA)  
**Indialis** Peters & Edmunds (As)

**Isca** Gilliess.g. **Isca** Gillies (As)s.g. **Minyphlebia** Peters & Edmunds  
(As)s.g. **Tanycola** Peters & Edmunds (As)**Isothraulus** Towns & Peters (NZ)**Jappa** Harker (Aus)**Kariona** Peters & Peters (NC)**Kimminsula** Peters & Edmunds (As)**Kirrara** Harker (Aus)**Koorrnonga** Campbell & Suter (Aus)**Leentvaaria** Demoulin (SA)**Lepegenia** Peters, Peters, & Edmunds (NC)**Lepeorus** Peters, Peters, & Edmunds (NC)**Magallanella** Pescador & Peters (SA)**Maheathraulus** Peters, Gillies, & Edmunds  
(Mad)**Massartella** Lestage (SA)**Massartellopsis** Demoulin (SA)**Mauiulus** Towns & Peters (NZ)**Megaglena** Peters & Edmunds (As)**Meridialaris** Peters & Edmunds (SA)**Microphlebia** Savage & Peters (SA)**Miroculis** Edmundss.g. **Atroari** Savage & Peters (SA)s.g. **Miroculis** Edmunds (SA)s.g. **Ommaethus** Savage & Peters (SA)s.g. **Yaruma** Savage & Peters (SA)**Miroculitus** Savage & Peters (SA)**Nathanella** Demoulin (As)**Neboissophlebia** Dean (Aus)**Needhamella** Dominguez & Flowers (SA)**Neohagenulus** Traver (SA)**Neozephlebia** Penniket (NZ)**Nesophlebia** Peters & Edmunds (Mad)**Notachalcus** Peters & Peters (NC)**Notophlebia** Peters & Edmunds (As)**Nousia** Navás [= **Atalonella** Needham &  
Murphy]s.g. **Australonousia** Campbell &  
Suter (Aus)s.g. **Nousia** Navás (SA)**Nyungara** Dean (Aus)

- Ounia** Peters & Peters (NC)  
**Papposa** Peters & Peters (NC)  
**Peloracantha** Peters & Peters (NC)  
**Penaphlebia** Peters & Edmunds (SA)  
**Penniketellus** Towns & Peters (NZ)  
**Perissophlebiodes** Savage [= **Perisso-phlebia** Savage] (SA)  
**Petersophlebia** Demoulin (Mad)  
**Petersula** Sivaramakrishnan (As)  
**Polythelais** Demoulin (Mad)  
**Poya** Peters & Peters (NC)  
**Rhigotopus** Pescador & Peters (SA)  
**Secochela** Pescador & Peters (SA)  
**Simothraulopsis** Demoulin (SA)  
**Simothraulus** Ulmer (As)  
**Sulawesia** Peters & Edmunds (As)  
**Terpides** Demoulin (SA)  
**Thraulodes** Ulmer (As?, NA, SA)  
**Thraulophlebia** Demoulin (Aus)  
**Thraulus** Eaton [= **Masharikella** Peters & Edmunds] (Af, As, Aus, E)  
**Tindea** Peters & Peters (NC)  
**Traverella** Edmunds (NA, SA)  
**Traverina** Peters (SA)  
**Ulmeritus** Traver  
    s.g. **Pseudulmeritus** Traver (SA)  
    s.g. **Ulmeritoides** Traver (SA)  
    s.g. **Ulmeritus** Traver (SA)  
**Ulmerophlebia** Demoulin (Aus, Mad)  
†**Xenophlebia** Demoulin (Eocene)  
**Zephlebia** Penniket  
    s.g. **Terama** Towns (NZ)  
    s.g. **Zephlebia** Penniket (NZ)
- Leptophlebiinae**
- Calliarcys** Eaton (E)  
    **Dipterophlebiodes** Demoulin (As)  
    **Gilliesia** Peters & Edmunds (As)  
    **Habroleptoides** Schoenemund (Af?, E)  
    **Habrophlebia** Eaton  
        s.g. **Habrophlebia** Eaton (E)  
        s.g. **Hesperaphlebia** Peters (NA)  
    **Habrophlebiodes** Ulmer (As, NA, SA?)

- Leptophlebia** Westwood [= *Blasturus* Eaton; = s.g. *Euphyurus* Bengtsson]  
s.g. **Leptophlebia** Westwood (As, E, NA)
- Paraleptophlebia** Lestage [= *Oligophlebia* Demoulin] (As, E, NA)
- †**Mesonetinae**
- †**Cretoneta** Tshernova (Cretaceous)
- †**Leptoneta** Sinitshenkova (Mesozoic)
- †**Mesoneta** Brauer, Redtenbacher, & Ganglbauer (Jurassic, Cretaceous)
- Subfamily incertus
- †**Lepismophlebia** Demoulin (Florissant)
- Ephemeroidea**
- Behningiidae**
- †**Archeobehningia** Tshernova (Jurassic)
- Behningia** Lestage (As, E)
- Dolania** Edmunds & Traver (NA)
- Protobehningia** Tshernova (As)
- Euthyplociidae**
- Euthyplociinae
- Campylocia** Needham & Murphy [= *Longinella* Gros & Lestage] (SA)
- Euthyplocia** Eaton (As, SA)
- Mesoplocia** Demoulin (SA)
- Polyplocia** Lestage (As)
- Proboscidoplocia** Demoulin (Mad)
- Exeuthyplociinae
- Afroplocia** Lestage (Af)
- Exeuthyplocia** Lestage (Af)
- Ephemeridae**
- Ephemerinae
- Afromera** Demoulin [= *Dicrephemera* McCafferty & Edmunds] (Af)
- †**Denia** McCafferty
- Eatonica** Navás (Af, Mad)
- Eatonigenia** Ulmer (As)
- Ephemera** Linnaeus
- s.g. **Aethephemera** McCafferty & Edmunds (As)
- s.g. **Ephemera** Linnaeus [= *Nirvius* Navás] (Af, As, E, NA)

- Hexagenia** Walsh  
 s.g. **Hexagenia** Walsh (As?, NA)  
 s.g. **Pseudeatonica** Spieth (SA)
- Litobrancha** McCafferty (NA)  
 †**Parabaetis** Haupt (Oligocene)
- Ichthybotinae**
- Ichthybotus** Eaton (NZ)
- Palingeniidae**
- Palingeniinae**
- Anagenesia** Eaton (As)  
**Chankagenesia** Buldovskii (As)  
**Cheirogenesia** Demoulin (Mad)  
**Heterogenesia** Dang (As)  
 †**Mesogenesia** Tshernova (Jurassic)  
 †**Mesopalingea** Whalley & Jarzembowski  
 (Jurassic-Cretaceous)  
**Mortogenesia** Lestage (As)  
**Palingenia** Burmeister (Af?, As, E, SA?)  
**Plethogenesia** Ulmer [= **Tritogenesia**  
 Lestage] (As)
- Pentageniinae**
- Pentagenia** Walsh (NA)
- Polymitarcyidae**
- Polymitarcyniae**
- Ephoron** Williamson [= **Polymitarcys**  
 Eaton; = **Eopolymitarcys** Tshernova]  
 (Af, As, E, NA)
- Campsurinae**
- Campsurus** Eaton (NA, SA)  
**Tortopus** Needham & Murphy (NA, SA)
- Asthenopodinae**
- †**Asthenopodichnium** Thenius (Miocene)  
**Asthenopus** Eaton [= **Asthenopodes** Ul-  
 mer] (SA)  
**Povilla** Navás  
 s.g. **Languidipes** Hubbard (As)  
 s.g. **Povilla** Navás (Af, As)
- Potamanthidae**
- Neopotamanthodes** Hsu (Sa)  
**Neopotamanthus** Wu & You (As)  
**Potamanthindus** Lestage (As)  
**Potamanthodes** Ulmer (As)

- Potamanthus** Pictet [= **Eucharidis** Joly & Joly] (Af, As, E, NA, SA?)  
**Rhoenanthopsis** Ulmer (As)  
**Rhoenanthus** Eaton (As)
- †**Torephemeridae**
- †**Torephemera** Sinitshenkova (Mesozoic)
- Ephemerelloidea**
- Ephemerellidae**
- Ephemerellinae**
- Ephemerellini**
- Ephemerellae**
- Acerella** Allen (As)  
**Caudatella** Edmunds (NA)  
**Caurinella** Allen (NA)  
**Cincticostella** Allen  
 s.g. **Cincticostella** Allen [= **Asiatella** Tshernova] (As)  
 s.g. **Rhionella** Allen (As)
- Crinitella** Allen & Edmunds (As)
- Drunella** Needham
- s.g. **Drunella** Needham (As)  
 s.g. **Eatonella** Needham (NA)  
 s.g. **Mylonella** Allen (NA)  
 s.g. **Tribrochella** Allen (As)  
 s.g. **Unirachella** Allen (NA)
- Ephemerella** Walsh
- s.g. **Ephemerella** Walsh [= **Chitono-phora** Bengtsson] (Af, As, E, NA)  
 s.g. **Uracanthella** Belov (As)
- Serratella** Edmunds (As, NA)
- Teloganopsis** Ulmer (As)
- Torleya** Lestage (As, E)
- †**Turfanerella** Demoulin (Jurassic)
- Timpanogae**
- Attenella** Edmunds [= **Attenuatella** Edmunds] (NA)
- Dannella** Edmunds
- s.g. **Dannella** Edmunds (NA)  
 s.g. **Dentatella** Allen (NA)
- Eurylophella** Tiensuu [= **Melanameletus** Tiensuu] (As, E, NA)
- Timpanoga** Needham (NA)

- Vietnamellae  
    *Vietnamella Tshernova* (As)
- Hyrtanellini  
    *Hyrtanella Allen & Edmunds* (As)
- Melanemerellinae  
    *Melanemerella Ulmer* (SA)
- Teloganodinae  
    *Ephemerellina Lestage*  
        s.g. *Austremerella* Riek (Aus)  
        s.g. *Ephemerellina Lestage* (Af, As)  
        s.g. *Lithogloea* Barnard (Af)  
    *Lestagella Demoulin* (Af)  
    *Manohypella Allen* (Mad)  
    *Teloganella Ulmer* (As)  
    *Teloganodes Eaton* (As)
- Subfamily incertae  
    †*Clephemera Lin* (Jurassic)
- Leptohyphidae  
    Dicercomyzinae  
        *Dicercomyzon Demoulin* (Af)
- Leptohyphinae  
    *Cotopaxi Mayo* (SA)  
    *Haplohypes Allen* (SA)  
    *Leptohypes Eaton* [= *Bruchella Navás*] (NA, SA)  
    *Leptohyphodes Ulmer* (SA)  
    *Tricorythafer Lestage* [= *Caenopsis Needham*; = *Needhamocaenis Lestage*] (Af)  
    *Tricorythodes Ulmer*  
        s.g. *Homoleptohypes Allen & Murvosh* (NA)  
        s.g. *Tricoryhypes Allen & Murvosh* (NA, SA)  
        s.g. *Tricorythodes Ulmer* (NA, SA)  
    *Tricorythopsis Traver* (SA)
- Tricorythidae  
    Ephemerithinae  
        *Ephemerithus Gillies*  
            s.g. *Ephemerithus Gillies* (Af)  
            s.g. *Tricomera Demoulin* (Af)
- Machadorythinae  
    *Machadorythus Demoulin* (Af)

- Coryphorus** Peters (SA)
- Tricorythinae
- Neurocaenis** Navás (Af, As, Mad)
- Tricorythus** Eaton
- s.g. **Tricorythurus** Lestage (Af)
- s.g. **Tricorythus** Eaton (Af)
- Caenoidea**
- Neoephemeridae
- Leucorhoenanthus** Ulmer [= **Caenomera** Demoulin] (E)
- Neoephemera** McDunnough
- s.g. **Neoephemera** McDunnough (As?, NA)
- s.g. **Oreianthus** Traver (NA)
- Neoephemeropsis** Ulmer (As)
- Potamanthellus** Lestage [= **Rhoenanthes** Lestage] (As)
- Caenidae**
- Afrocaenis** Gillies (Af)
- Afrocercus** Malzacher (Af)
- Amercaenis** Provansha & McCafferty (NA)
- Austrocaenis** Barnard (Af, Mad)
- Brachycercus** Curtis [= **Eurycaenis** Bengtsson] (As, E, NA, SA)
- Brasilocaenis** Puthz (SA)
- Caenis** Stephens [= **Ordella** Campion; = **Oxycypha** Burmeister] (Af, As, Aus, E, NA, SA)
- Caenoculis** Soldán (As)
- Caenodes** Ulmer (Af, As, E?)
- Caenomedea** Thew (Af, As)
- Caenopsella** Gillies (Af)
- Cercobrachys** Soldán (As, NA, SA)
- Clypeocaenis** Soldán (Af, As)
- Insulibrachys** Soldán (SA)
- Tasmanocoenis** Lestage [= **Pseudocaenis** Soldán] (Aus)
- Baetiscoidea**
- Baetiscidae
- Baetisca** Walsh
- s.g. **Baetisca** Walsh (NA)
- s.g. **Fascioculus** Pescador & Berner (NA)

## Prosopistomatidae

**Prosopistoma** Latreille [= *Binoculus* Fourcroy; = *Chelysentomon* Joly & Joly] (Af, As, Aus, E, Mad)

## INCERTAE SEDIS

- †**Dyadentomum** Handlirsch (Permian)
- †**Huizhouenia** Lin (Late Jurassic or Early Cretaceous)
- †**Philolimnias** Hong (Eocene)

## ALPHABETICAL CATALOG OF FAMILY-GROUP NAMES

Acanthametropodinae Edmunds in Edmunds, Allen, & Peters, 1963:10.  
Synonym *Analetridinae* Demoulin.

†*Aenigmephemeridae* Tshernova, 1968:23.

*Ameletopsidae* Edmunds, 1957:246 (as *Ameletopsinae*).

*Ametropodidae* Bengtsson, 1913:305 (as *Ametropidae*).

*Analetridinae* Demoulin, 1974:3. Junior synonym of *Acanthametropodidae* Edmunds.

*Anepeorinae* Edmunds, 1962:10. Synonym *Spinadinae* Edmunds & Jensen.

†*Aphelophlebodidae* Pierce, 1945:3.

*Arthropleinae* Balthasar, 1937:204 (as *Arthropleidae*).

*Asthenopodinae* Edmunds & Traver, 1954:239.

*Atalophlebiinae* Peters, 1980:38.

*Baetidae* Leach, 1815:139 (as *Baetida*). Synonyms *Callibaetidae* Riek and *Cloeonidae* Newman.

*Baetiscidae* Banks, 1900:246 (as *Baetiscini*).

*Behningiidae* Motaş & Bačesco, 1937:29.

*Binoculidae* Demoulin, 1954b:103. Junior synonym of *Prosopistomatidae* Lameere.

†*Bojophlebiidae* Kukalová-Peck, 1985:934.

*Brachycercidae* Lestage, 1924c:62. Junior synonym of *Caenidae* Newman.

*Caenidae* Newman, 1853:187 (as *Coenidae*). Synonym *Brachycercidae* Lestage.

- Callibaetidae Riek, 1973:162 (as Callibaetinae). Junior synonym of Baetidae Leach.
- Campsurinae Traver in Needham, Traver, & Hsu, 1935:284.
- Chiloporterinae Landa, 1973:156.
- Chromarcyinae Demoulin, 1953(1940):8. Synonym Pseudoligoneuriinae Ulmer.
- Cloeonidae Newman 1853:187. Junior synonym of Baetidae Leach.
- Coloburiscinae Edmunds in Edmunds, Allen, & Peters, 1963:11.
- Dicercomyzinae Edmunds & Traver, 1954:238.
- Ecdyonuridae Ulmer, 1920a(1905):136. Junior synonym of Heptageniidae Needham.
- Ecdyuridae Jacobson & Bianchi, 1905:877. Junior synonym of Heptageniidae Needham.
- †Epeoromimidae Tshernova, 1969:154.
- Ephemerellidae Klapálek, 1909:13.
- Ephemeridae Latreille, 1810:273 (as Ephemerinae).
- †Ephemeropsidae Cockerell, 1924:136 (as Ephemeropsinae).
- Ephemerythinae Gillies, 1960:35.
- Ephoridae Traver in Needham, Traver, & Hsu, 1935:241 (as Ephoroninae). Junior synonym of Polymitarcyidae Banks.
- †Eudoteridae Demoulin, 1954e:553. Junior synonym of Misthodotidae Tillyard.
- Euthyplociidae Lestage, 1921:213 (as Euthyplociinae).
- Exeuthyplociinae Gillies, 1980:218.

**Heptageniidae** Needham in Needham & Betten, 1901:419 (as Heptageninae). Synonyms Ecdyonuridae Ulmer, Ecdyuridae Jacobson & Bianchi, and Rhithrogenidae Lestage.

†**Hexagenitidae** Lameere, 1917:74 (as Hexagenitinae). Synonyms Paedophemeridae Lameere and Stenodicranidae Demoulin.

**Hyrtanellini** Allen, 1980:88.

**Ichthybotinae** Demoulin, 1957:336 (as Ichthybotidae).

**Isonychiinae** Burks, 1953:108.

†**Jarmilidae** Demoulin, 1970b:7.

†**Kukalovidae** Demoulin, 1970b:6. Junior synonym of Protoreismatidae Sellards.

**Leptohyphidae** Edmunds & Traver, 1954:238 (as Leptohyphinae).

**Leptophlebiidae** Banks, 1900:246 (as Leptophlebini).

†**Litophlebiidae** Hubbard & Riek, 1978:260. Replacement name for Xenophlebiidae Riek.

*Litophlebiidae* is now considered to belong to the Megasecoptera.

**Machadorythinae** Edmunds, Allen, & Peters, 1963:17.

**Melanemerellinae** Demoulin, 1955e:216.

†**Mesephemeridae** Lameere, 1917:47. Synonym Palingeniopsidae Martynov.

†**Mesonetinae** Tshernova, 1969:158 (as Mesonetidae).

†**Mesoplectopteridae** Demoulin, 1955j:345 (as Mesoplectopterinae).

**Metretopodidae** Traver in Needham, Traver, & Hsu, 1935:433 (as Metretopinae). Synonym Siphlopectidae Lestage.

†**Misthodotidae** Tillyard, 1932:260. Synonym Eudoteridae Demoulin.

**Neoephemeridae** Traver in Needham, Traver, & Hsu, 1935:288 (as Neoephemerinae).

†Oboriphlebiidae Hubbard & Kukalová-Peck, 1980:29.

Oligoneuriidae Ulmer, 1914:97.

Oniscigastridae Lameere, 1917:62 (as Oniscigastrina).

†Paedephemeridae Lameere, 1917:49. Junior synonym of Hexagenitidae Lameere.

Palingeniidae Albarda in Selys-Longchamps, 1888:147 (as Palingénines).

†Palingeniopsidae Martynov, 1938:35. Junior synonym of Mesephemeridae Lameere.

Pentageniinae McCafferty, 1972:51 (as Pentageniidae).

Polymitarcyidae Banks, 1900:246 (as Polymitarcini). Synonym Ephoridae Traver in Needham, Traver, & Hsu.

Potamanthidae Albarda in Selys-Longchamps, 1888:148 (as Potamanthines).

Prosopistomatidae Lameere, 1917:72 (as Prosopistomidae). Synonym Binoculidae Demoulin.

†Protoreismatidae Sellards, 1907:345 (as Protoreismephemeridae). Synonym Kukalovidae Demoulin.

Pseudironinae Edmunds & Traver, 1954:237.

Pseudoliogoneuriinae Ulmer, 1940:653. Junior synonym of Chromarcyinae Demoulin.

Rallidentinae Penniket, 1966:169.

Rhithrogenidae Lestage, 1917:266 (as Rhithrogeninae). Junior synonym of Heptageniidae Needham.

Siphlaenigmatidae Penniket, 1962:394.

Siphlonuridae Ulmer, 1920a(1888):131. Synonym Siphluridae Albarda.

Siphlolectidae Lestage, 1938a:180 (as Siphloplectonidae). Junior synonym of Metretopodidae Traver.

Siphluridae Albarda in Selys-Longchamps, 1888:150 (as Siphlurines).  
Junior synonym of Siphlonuridae Ulmer.

Spinadinae Edmunds & Jensen, 1974:495. Junior synonym of Anepeorinae Edmunds.

†Stenodicranidae Demoulin, 1954e:553. Junior synonym of Hexagenitidae Lameere.

†Syntonopteridae Handlirsch, 1911:299.

Teloganodinae Allen, 1965:263.

Timpanogae Allen, 1984:246.

†Torephemeridae Sinitshenkova, 1989:39.

Tricorythidae Lestage, 1942:15.

†Triplosobidae Handlirsch, 1906:312.

Vietnamellae Allen, 1984:246.

†Xenophlebiidae Riek, 1976:150. Junior synonym of Litophlebiidae Hubbard & Riek.

This family is now considered to belong to the Megasecoptera.

**ALPHABETICAL CATALOG OF GENUS-GROUP NAMES****Genus Acanthametropus Tshernova**

*Acanthametropus* Tshernova, 1948:1453. Type-species: *Acanthametropus nikolskyi* Tshernova, original designation. Siphlonuridae: Acanthametropodinae. Synonym *Metreturus* Burks.

**Genus Acanthiops Waltz & McCafferty**

*Acanthiops* Waltz & McCafferty, 1987a:97. Type-species: *Centroptilum marlieri* Demoulin, original designation. Baetidae.

**Genus Acanthomola Whiting & Lehmkuhl**

*Acanthomola* Whiting & Lehmkuhl, 1987b:410. Type-species: *Acanthomola pubescens* Whiting & Lehmkuhl, original designation. Heptageniidae: Heptageniinae.

**Genus Acanthophlebia Towns**

*Acanthophlebia* Towns, 1983:28. Type-species: *Atalophlebia cruentata* Hudson, original designation. Leptophlebiidae: Atalophlebiinae.

**Subgenus Acentrella Bengtsson**

*Acentrella* Bengtsson, 1912:110. Type-species: *Acentrella lapponica* Bengtsson, monotypy. Baetidae. Subgenus of *Baetis* Leach.

*Acentrella* has been treated as both a synonym and subgenus of *Baetis* Leach.

**Genus Acerella Allen**

*Ephemerella* (*Acerella*) Allen, 1971:517. Type-species: *Ephemerella longicaudata* Uéno, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae.

*Acerella* was originally proposed as a subgenus of *Ephemerella* Walsh.

**Genus Acerpenna Waltz & McCafferty**

*Acerpenna* Waltz & McCafferty, 1987c:669. Type-species: *Baetis macdunnoughi* Ide, original designation. Baetidae.

**Genus Adenophlebia Eaton**

*Adenophlebia* Eaton, 1881a:194. Type-species: *Ephemera dislocans* Walker, original designation. Leptophlebiidae: Atalophlebiinae. Synonym *Esbenophlebia* Lestage.

**Genus *Adenophlebiodes* Ulmer**

*Adenophlebiodes* Ulmer, 1924a:33. Type-species: *Adenophlebia ornata* Ulmer, original designation. Leptophlebiidae: Atalophlebiinae. Synonym *Euphlebia* Crass.

Two subgenera are recognized: *Adenophlebiodes* (s.s.) and *Hyalophlebia* Demoulin.

**Genus *Aenigmephemera* Tshernova**

*Aenigmephemera* Tshernova, 1968:23. Type-species: *Aenigmephemera demoulini* Tshernova, original designation. Aenigmephemeridae.

*Aenigmephemera* is known only from fossils.

**Subgenus *Aethephemera* McCafferty & Edmunds**

*Ephemera* (*Aethephemera*) McCafferty & Edmunds, 1973:306. Type-species: *Ephemera nadinae* McCafferty & Edmunds, original designation. Ephemeridae. Subgenus of *Ephemera* Linnaeus.

**Genus *Afghanurus* Demoulin**

*Afghanurus* Demoulin, 1964b:356. Type-species: *Afghanurus vicinus* Demoulin, original designation. Heptageniidae: Heptageniinae. Synonym of *Ecdyonurus* Eaton (Kluge, 1980:571).

**Genus *Afrobaetodes* Demoulin**

*Afrobaetodes* Demoulin, 1970d:52. Type-species: *Afrobaetodes berneri* Demoulin, original designation. Baetidae.

**Genus *Afrocaenis* Gillies**

*Afrocaenis* Gillies, 1982:15. Type-species: *Caenopsella major* Gillies, original designation. Caenidae.

**Genus *Afrocercus* Malzacher**

*Afrocercus* Malzacher, 1987:2. Type-species: *Afrocercus forcipatus* Malzacher, original designation. Caenidae.

**Genus *Afromera* Demoulin**

*Afromera* Demoulin, 1955i:292. Type-species: *Afromera congolana* Demoulin, original designation. Ephemeridae. Synonym *Dicrephe-mera* McCafferty & Edmunds.

*Afromera* has been treated as a synonym of *Ephemera* Linnaeus.

**Genus Afronurus Lestage**

*Afronurus* Lestage, 1924b:349. Type-species: *Ecdyurus peringueyi* Esben-Petersen, original designation. Heptageniidae: Heptageniinae.

**Genus Afroplocia Lestage**

*Afroplocia* Lestage, 1939:135. Type-species: *Exeuthyplocia sampsoni* Barnard, original designation. Euthyplociidae: Exeuthyplociinae.

**Subgenus Akkarion Flowers**

*Nixe* (*Akkarion*) Flowers, 1980:303. Type-species: *Heptagenia simpliciodes* McDunnough, original designation. Leptophlebiidae: Atalophlebiinae. Synonym of *Ecdyonurus* Eaton (Tshernova et al., 1986:117).

*Akkarion* was originally described as a subgenus of *Nixe* Flowers.

**Genus Albisca Sinitshenkova**

*Albisca* Sinitshenkova, 1989:39. Type-species: *Albisca tracheata* Sinitshenkova, original designation. Siphlonuridae: Acanthametro-podidae.

*Albisca* is known only from fossils.

**Genus Alloydia Needham**

*Alloydia* Needham, 1932:275. Type-species: *Alloydia cacautana* Needham, original designation. Oligoneuriidae: Oligoneuriinae. Synonym of *Lachlania* Hagen (Demoulin, 1952b:3).

**Genus Ameletoides Tillyard**

*Ameletoides* Tillyard, 1933:5. Type-species: *Ameletoides lacusalbinae* Tillyard, original designation. Siphlonuridae: Siphlonurinae.

**Genus Ameletopsis Phillips**

*Ameletopsis* Phillips, 1930a:324. Type-species: *Ameletus perscitus* Eaton, monotypy. Ameletopsidae: Ameletopsinae.

**Genus Ameletus Eaton**

*Ameletus* Eaton, 1885:210. Type-species: *Ameletus subnotatus* Eaton, original designation. Siphlonuridae: Siphlonurinae. Synonyms *Chimura* Navás, *Metreletus* Demoulin, and *Paleoameletus* Lestage.

**Genus Amercaenis Provansha & McCafferty**

*Amercaenis* Provansha & McCafferty, 1985:2. Type-species: *Caenis ridens* McDunnough, monotypy. Caenidae.

**Genus Ametropus Albarda**

*Ametropus* Albarda, 1878:129. Type-species: *Ametropus fragilis* Albarda, monotypy. Ametropodidae.

**Genus Anagenesia Eaton**

*Anagenesia* Eaton, 1883:25. Type-species: *Palingenia lata* Walker, original designation. Palingeniidae: Palingeniinae.

**Genus Analetris Edmunds**

*Analetris* Edmunds in Edmunds & Koss, 1972:138. Type-species: *Analetris eximia* Edmunds, original designation. Siphlonuridae: Acanthametropodinae.

**Genus Andromina Navás**

*Andromina* Navás, 1912b:416. Type-species: *Andromina grisea* Navás, original designation. Siphlonuridae: Siphlonurinae. Synonym of *Siphlonurus* Eaton (Edmunds, 1960:24).

**Genus Anepeorus McDunnough**

*Anepeorus* McDunnough, 1925:190. Type-species: *Anepeorus rusticus* McDunnough, original designation. Heptageniidae: Anepeorinae. Synonym *Spinadis* Edmunds & Jensen.

**Genus Aphelophlebodes Pierce**

*Aphelophlebodes* Pierce, 1945:3. Type-species: *Aphelophlebodes stocki* Pierce, original designation. Aphelophlebodidae.

*Aphelophlebodes* is known only from fossils.

**Genus Apobaetis Day**

*Apobaetis* Day, 1955:126. Type-species: *Apobaetis indeprensus* Day, original designation. Baetidae.

**Genus Aprionyx Barnard**

*Aprionyx* Barnard, 1940:616. Type-species: *Atalophlebia tabularis* Eaton, original designation. Leptophlebiidae: Atalophlebiinae.

*Aprionyx* was originally proposed by Barnard in 1932. The name did not become available until the type-species was designated in 1940.

**Genus Arachnocolus Towns & Peters**

*Arachnocolus* Towns & Peters, 1979b:444. Type-species: *Arachnocolus phillipsi* Towns & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Archeobehningia Tshernova**

*Archeobehningia* Tshernova, 1977:94. Type-species: *Archeobehningia edmundsi* Tshernova, original designation. Behningiidae.

*Archeobehningia* is known only from fossils.

**Genus Archethraulodes Pescador & Peters**

*Archethraulodes* Pescador & Peters, 1982:1. Type-species: *Archethraulodes spatulus* Pescador & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Arthroplea Bengtsson**

*Arthroplea* Bengtsson, 1908:239. Type-species: *Arthroplea congener* Bengtsson, monotypy. Heptageniidae: Arthropleinae. Synonyms *Haplogenia* Blair and *Remipalpus* Bengtsson.

**Genus Asiatella Tshernova**

*Asiatella* Tshernova, 1972:611. Type-species: *Ephemerella nigra* Uéno, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae. Synonym of *Cincticostella* Allen (Tshernova, 1972:614).

**Genus Asionurus Braasch & Soldán**

*Asionurus* Braasch & Soldán, 1986b:155. Type-species: *Asionurus primus* Braasch & Soldán, original designation. Heptageniidae: Heptageniinae

**Genus Askola Peters**

*Askola* Peters, 1969:253. Type-species: *Askola froehlichi* Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Asthenopodes Ulmer**

*Asthenopodes* Ulmer, 1924a:26. Type-species: *Asthenopous albicans* Pictet nec Percheron [= *Asthenopodes picteti* Hubbard], original designation. Polymitarcyidae: Asthenopodinae. Synonym of *Asthenopus* Eaton (Hubbard & Dominguez, 1988:107).

**Genus *Asthenopodichnium* Thenius**

*Asthenopodichnium* Thenius, 1979:185. Type-species: *Asthenopodichnium xylobiontum* Thenius, original designation. Polymitarcyidae: Asthenopodinae.

*Asthenopodichnium* is known only from fossils.

**Genus *Asthenopus* Eaton**

*Asthenopus* Eaton, 1871:59. Type-species: *Palingenia curta* Hagen, original designation. Polymitarcyidae: Asthenopodinae. Synonym *Asthenopodes* Ulmer.

**Genus *Atalomicria* Harker**

*Atalomicria* Harker, 1954:252. Type-species: *Atalophlebia uncinata* Ulmer, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Atalonella* Needham & Murphy**

*Atalonella* Needham & Murphy, 1924:35. Type-species: *Atalonella ophis* Needham & Murphy, subsequent designation by Peters & Edmunds, 1972:1411. Leptophlebiidae: Atalophlebiinae. Synonym of *Nousia* Navás (Pescador & Peters, 1985:93).

**Genus *Atalophlebia* Eaton**

*Atalophlebia* Eaton, 1881a:193. Type-species: *Ephemera australis* Walker, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Atalophlebioides* Phillips**

*Deleatidium (Atalophlebioides)* Phillips, 1930b:336. Type-species: *Deleatidium cromwelli* Phillips, subsequent designation by Peters & Edmunds, 1964:238. Leptophlebiidae: Atalophlebiinae.

*Atalophlebioides* was originally proposed as a subgenus of *Deleatidium* Eaton.

**Genus *Atopophlebia* Flowers**

*Atopophlebia* Flowers, 1980:162. Type-species: *Atopophlebia fortunensis* Flowers, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Atopopus* Eaton**

*Atopopus* Eaton, 1881b:22. Type-species: *Atopopus tarsalis* Eaton, original designation. Heptageniidae: Heptageniinae.

**Subgenus Atroari Savage & Peters**

*Miroculis (Atroari)* Savage & Peters, 1983:549. Type-species: *Miroculis duckensis* Savage & Peters, original designation. Leptophlebiidae: Atalophlebiinae. Subgenus of *Miroculis* Edmunds.

**Genus Attenella Edmunds**

*Ephemerella (Attenella)* Edmunds, 1971:152. Type-species: *Ephemerella attenuata* McDunnough, objective synonymy. Ephemerellidae: Ephemerellinae: Ephemerellini: Timpanogae. Replacement name for *Attenuatella* Edmunds.

**Genus Attenuatella Edmunds**

*Ephemerella (Attenuatella)* Edmunds, 1959:546. Type-species: *Ephemerella attenuata* McDunnough, original designation. Preoccupied. Ephemerellidae: Ephemerellinae: Ephemerellini: Timpanogae. Objective synonym of *Attenella* Edmunds.

*Attenuatella* was originally proposed as a subgenus of *Ephemerella* Walsh.

**Subgenus Australonousia Campbell & Suter**

*Nousia (Australonousia)* Campbell & Suter, 1988:270. Type-species: *Atalophlebia fuscula* Tillyard, original designation. Leptophlebiidae: Atalophlebiinae. Subgenus of *Nousia* Navás.

**Subgenus Australphlebia Peters**

*Boringuena (Australphlebia)* Peters, 1971:27. Type-species: *Boringuena traverae* Peters, original designation. Leptophlebiidae: Atalophlebiinae. Subgenus of *Boringuena* Traver.

**Genus Australurus Jell & Duncan**

*Australurus* Jell & Duncan, 1986:120. Type-species: *Australurus plexus* Jell & Duncan, original designation. Siphlonuridae.

*Australurus* is known only from fossils.

**Subgenus Austremerella Riek**

*Austremerella* Riek, 1963:50. Type-species: *Austremerella picta* Riek, original designation. Ephemerellidae: Teloganodinae. Subgenus of *Ephemerella* Lestage.

**Genus Austrocaenis Barnard**

*Austrocaenis* Barnard, 1932:227. Type-species: *Austrocaenis capensis* Barnard, monotypy. Caenidae.

**Genus *Austroclima* Towns & Peters**

*Austroclima* Towns & Peters, 1979a:213. Type-species: *Deleatidium sepia* Phillips, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Austrocloeon* Barnard**

*Austrocloeon* Barnard, 1940:616. Type-species: *Cloeon africanum* Esben-Petersen, original designation. Baetidae. Synonym of *Cloeon* Leach (Demoulin, 1970d:53).

*Austrocloeon* was originally proposed by Barnard in 1932. The name did not become available until the type-species was designated in 1940.

**Genus *Austrophlebioides* Campbell & Suter**

*Austrophlebioides* Campbell & Suter, 1988:260. Type-species: *Deleatidium pussilum* Harker, original designation. Leptophlebiidae: Atalophlebiinae.

**Subgenus *Baetiella* Uéno**

*Baetiella* Uéno, 1931:220. Type-species: *Acentrella japonica* Imanishi, original designation. Baetidae. Synonym *Neobaetiella* Müller-Liebenau. Subgenus of *Baetis* Leach.

*Baetiella* has been considered a synonym of *Pseudocloeon* Klapálek.

**Genus *Baetis* Leach**

*Baetis* Leach, 1815:137. Type-species: *Ephemera fuscata* Linnaeus, subsequent designation by International Commission on Zoological Nomenclature, 1966:209. Baetidae. Synonym *Brachyphlebia* Westwood.

Six subgenera of *Baetis* are recognized: *Baetis* (s.s.) Leach, *Acentrella* Bengtsson, *Baetiella* Uéno, *Labiobaetis* Novikova & Kluge, *Nigrobaetis* Kazlauskas, and *Takobia* Novikova & Kulge.

Three subgenera of *Baetis* (in addition to the valid subgenera listed above) were proposed by Kazlauskas (1972): *Montobaetis* Kazlauskas, *Rhodobaetis* Kazlauskas, and *Vernobaetis* Kazlauskas. *Holobaetis* Sukatskene was also proposed as a subgenus of *Baetis* (Sukatskene, 1962). None of these subgenera are available because no type-species was designated for any of them.

**Genus *Baetisca* Walsh**

*Baetisca* Walsh, 1863b:378. Type-species: *Baetis obesa* Say, monotypy. Baetiscidae.

**Genus *Baetodes* Needham & Murphy**

*Baetodes* Needham & Murphy, 1924:55. Type-species: *Baetodes serratus* Needham & Murphy, original designation. Baetidae.

**Genus Baetopus Keffermüller**

*Baetopus* Keffermüller, 1960:425. Type-species: *Baetopus wartensis* Keffermüller, monotypy. Baetidae.

Two subgenera are recognized: *Baetopus* (s.s.) and *Raptobaetopus* Müller-Liebenau.

**Genus Baltameletus Demoulin**

*Baltameletus* Demoulin, 1968b:238. Type-species: *Baltameletus oligocaenicus* Demoulin, original designation. Siphlonuridae: Siphlonurinae.

*Baltameletus* is known only from fossils.

**Genus Balticophlebia Demoulin**

*Balticophlebia* Demoulin, 1968b:237. Type-species: *Balticophlebia hennigi* Demoulin, original designation. Ameletopsidae: Ameletopsinae.

*Balticophlebia* is known only from fossils.

**Genus Bantiska Sellards**

*Bantiska* Sellards, 1907:349. Type-species: *Bantiska elongata* Sellards, original designation. Prottereismatidae. Synonym of *Prottereisma* Sellards (Tillyard, 1932:244).

**Genus Barbaetis Waltz & McCafferty**

*Barbaetis* Waltz & McCafferty in Waltz, McCafferty, & Kennedy, 1985:161. Type-species: *Barbaetis benfieldi* Kennedy in Waltz, McCafferty, & Kennedy, original designation. Baetidae.

**Genus Behningia Lestage**

*Behningia* Lestage, 1930:436. Type-species: *Behningia ulmeri* Lestage, original designation. Behningiidae.

**Genus Belovius Tshernova**

*Belovius* Tshernova, 1981:326. Type-species: *Epeorus latifolium* Uéno, original designation. Heptageniidae: Heptageniinae.

**Genus Bernerius Waltz & McCafferty**

*Bernerius* Waltz & McCafferty, 1987b:179. Type-species: *Bernerius incus* Waltz & McCafferty, original designation. Baetidae.

**Genus Bibulmena Dean**

*Bibulmena* Dean, 1987:96. Type-species: *Bibulmena kadjina* Dean, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Binoculus Geoffroy**

*Binoculus* Geoffroy, 1762:658. Supressed by International Commission on Zoological Nomenclature, 1954:211. Prosopistomatidae. Synonym of *Prosopistoma* Latreille.

**Genus Blanchardia Brongniart**

*Blanchardia* Brongniart, 1893[1894]:325. Type-species: *Blanchardia pulchella* Brongniart, monotypy. Preoccupied. Triplosobidae. Objective synonym of *Triplosoba* Handlirsch.

**Genus Blasturophlebia Demoulin**

*Blasturophlebia* Demoulin, 1968b:268. Type-species: *Blasturophlebia hirsuta* Demoulin, original designation. Leptophlebiidae: Atalophlebiinae.

*Blasturophlebia* is known only from fossils.

**Genus Blasturus Eaton**

*Blasturus* Eaton, 1881a:193. Type-species: *Ephemera cupida* Say, original designation. Leptophlebiidae: Leptophlebiinae. Synonym of *Leptophlebia* Westwood (Ide, 1935:124).

**Genus Bleptus Eaton**

*Bleptus* Eaton, 1885:243. Type-species: *Bleptus fasciatus* Eaton, original designation. Heptageniidae: Heptageniinae.

**Genus Bojophlebia Kukalová-Peck**

*Bojophlebia* Kukalová-Peck, 1985:936. Type species: *Bojophlebia prokopi* Kukalová-Peck, original designation. Bojophlebiidae.

*Bojophlebia* is known only from fossils.

**Genus Borinquena Traver**

*Borinquena* Traver, 1938:16. Type-species: *Borinquena carmencita* Traver, original designation. Leptophlebiidae: Atalophlebiinae.

Two subgenera are recognized: *Borinquena* (s.s.) and *Australphlebia* Peters.

**Subgenus Borisonychia McCafferty**

*Isonychia* (*Borisonychia*) McCafferty, 1989:78. Type-species: *Isonychia diversa* Traver, original designation. Oligoneuriidae: Isonychiinae. Subgenus of *Isonychia* Eaton.

**Genus Brachycercus Curtis**

*Brachycercus* Curtis, 1834:122. Type-species: *Brachycercus harrisellus* Curtis, subsequent designation by Lestage, 1924b:61. Caenidae. Synonym *Eurycaenis* Bengtsson.

**Genus Brachyphlebia Westwood**

*Brachyphlebia* Westwood, 1840:25. Type-species: *Ephemera fuscata* Linnaeus [misidentified as *Ephemera bioculata*], monotypy. Baetidae. Objective synonym of *Baetis* Leach.

**Genus Brasilocaenis Puthz**

*Brasilocaenis* Puthz, 1975:411. Type-species: *Brasilocaenis irmleri* Puthz, original designation. Caenidae.

**Genus Brevitibia Demoulin**

*Brevitibia* Demoulin, 1968b:245. Type-species: *Brevitibia intricans* Demoulin, original designation. Ametropodidae.

*Brevitibia* is known only from fossils.

**Genus Bruchella Navás**

*Bruchella* Navás, 1920:56. Type-species: *Bruchella nigra* Navás, original designation. Leptohyphidae: Leptohyphinae. Synonym of *Leptohypes* Eaton (Edmunds, Allen, & Peters, 1963:17).

**Genus Bungona Harker**

*Bungona* Harker, 1957:73. Type-species: *Bungona narilla* Harker, original designation. Baetidae.

**Genus Caenis Stephens**

*Caenis* Stephens, 1835:60. Type-species: *Caenis macrura* Stephens, subsequent designation by Westwood, 1840:synopsis p. 47. Caenidae. Synonyms *Ordella* Campion and *Oxycypha* Burmeister.

**Genus *Caenoculus* Soldán**

*Caenoculus* Soldán, 1986:347. Type-species: *Caenoculus bishopi* Soldán, original designation. Caenidae.

**Genus *Caenodes* Ulmer**

*Caenodes* Ulmer, 1924b:7. Type-species: *Caenodes ulmeri* Kimmins [= *Caenis cibaria* sensu Ulmer], subsequent designation by Kimmins, 1949:831. Caenidae.

**Genus *Caenomedea* Thew**

*Caenomedea* Thew, 1960:199. Type-species: *Caenis kivuensis* Demoulin, original designation. Caenidae.

**Subgenus *Caenomera* Demoulin**

*Neoephemera* (*Caenomera*) Demoulin, 1961:66. Type-species: *Caenis maxima* Joly, original designation. Neoephemeridae. Synonym of *Leucorhoenanthus* Lestage (Demoulin, 1962:369).

*Caenomera* was originally proposed as a subgenus of *Neoephemera* McDunnough.

**Genus *Caenopsella* Gillies**

*Caenopsella* Gillies, 1977:451. Type-species: *Caenopsella meridies* Gillies, original designation. Caenidae.

**Genus *Caenopsis* Needham**

*Caenopsis* Needham, 1920:39. Type-species: *Caenopsis fugitans* Needham, monotypy. Preoccupied. Leptophyphidae: Leptophyphinae. Objective synonym of *Tricorythafer* Lestage.

Lestage proposed two separate replacement names for the preoccupied *Caenopsis*: *Tricorythafer* (1942:4) and *Needhamocoenis* (1945:85).

**Genus *Calliardcys* Eaton**

*Calliardcys* Eaton, 1881a:196. Type-species: *Calliardcys humilis* Eaton, original designation. Leptophlebiidae: Leptophlebiinae.

**Genus *Callibaetis* Eaton**

*Callibaetis* Eaton, 1881a:196. Type-species: *Baetis pictus* Eaton, original designation. Baetidae. Synonym *Neobaetis* Navás.

**Genus *Camelobaetidius* Demoulin**

*Camelobaetidius* Demoulin, 1966a:9. Type-species: *Camelobaetidius leentvaari* Demoulin, original designation. Baetidae.

**Genus *Campsurus* Eaton**

*Campsurus* Eaton, 1868a:83. Type-species: *Palingenia latipennis* Walker, original designation. Polymitarcyidae: Campsurinae.

**Genus *Campylocia* Needham & Murphy**

*Campylocia* Needham & Murphy, 1924:25. Type-species: *Euthyploclia anceps* Eaton, original designation. Euthyplociidae: Euthyplociinae. Synonym *Longinella* Gros & Lestage.

**Genus *Careospina* Peters**

*Careospina* Peters, 1971:11. Type-species: *Careospina hespera* Peters & Alayo, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Castanophlebia* Barnard**

*Castanophlebia* Barnard, 1932:244. Type-species: *Castanophlebia calida* Barnard, monotypy. Leptophlebiidae: Atalophlebiinae.

**Genus *Caudatella* Edmunds**

*Ephemerella* (*Caudatella*) Edmunds, 1959:546. Type-species: *Ephemerella heterocaudata* McDunnough, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae.

*Caudatella* was originally proposed as a subgenus of *Ephemerella* Walsh.

**Genus *Caurinella* Allen**

*Caurinella* Allen, 1984:245. Type-species: *Caurinella idahoensis* Allen, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini.

**Genus *Celiphlebia* Peters & Peters**

*Celiphlebia* Peters & Peters, 1980:61. Type-species: *Celiphlebia caledonae* Peters & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Centroptella* Braasch & Soldán**

*Centroptella* Braasch & Soldán, 1980:123. Type-species: *Centroptella longisetosa* Braasch & Soldán, monotypy. Baetidae. Synonym of *Cloeodes* Traver (Waltz & McCafferty, 1987b:177).

**Genus Centroptiloides Lestage**

*Centroptiloides* Lestage, 1918:107. Type-species: *Centroptilum bifasciatum* Esben-Petersen, original designation. Baetidae. Synonym *Haplobaetis* Navás.

**Genus Centroptilum Eaton**

*Centroptilum* Eaton, 1869:132. Type-species: *Ephemera luteola* Müller, original designation. Baetidae.

**Genus Cercobrachys Soldán**

*Cercobrachys* Soldán, 1986:336. Type-species: *Cercobrachys etowah* Soldán, original designation. Caenidae.

**Genus Chankagenesia Buldovski**

*Chankagenesia* Buldovski, 1935:831. Type-species: *Chankagenesia natans* Buldovski, original designation. Palingeniidae: Palingeniinae.

**Genus Chaquihua Demoulin**

*Chaquihua* Demoulin, 1955b:11. Type-species: *Chaquihua penai*, original designation. Ameletopsidae: Ameletopsinae.

**Genus Cheirogenesia Demoulin**

*Cheirogenesia* Demoulin, 1952a:10. Type-species: *Anagenesia decaryi* Navás, original designation. Palingeniidae: Palingeniinae. Synonym *Fontanica* McCafferty.

**Genus Chelysentomon Joly & Joly**

*Chelysentomon* Joly & Joly, 1872:438. Type-species: *Prosopistoma varigatum* Latreille, objective synonymy. Unnecessary replacement name for *Prosopistoma* Latreille. Prosopistomatidae. Objective synonym of *Prosopistoma* Latreille.

**Genus Chiloporter Lestage**

*Chiloporter* Lestage, 1931b:50. Type-species: *Chiloporter eatoni* Lestage, original designation. Ameletopsidae: Chiloporterinae.

**Genus Chimura Navás**

*Chimura* Navás, 1915:149. Type-species: *Chimura aetherea* Navás, original designation. Siphlonuridae: Siphlonurinae. Synonym of *Ameletus* Eaton (Edmunds, 1960:24).

**Genus *Chirotonetes* Eaton**

*Chirotonetes* Eaton, 1881b:21. Type-species: *Isonychia manca* Eaton, objective synonymy. Unnecessary replacement name for *Isonychia* Eaton. Oligoneuriidae: Isonychiinae. Objective synonym of *Isonychia* Eaton.

**Genus *Chitonophora* Bengtsson**

*Chitonophora* Bengtsson, 1908:243. Type-species: *Chitonophora aurivillii* Bengtsson, monotypy. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae. Synonym of *Ephemerella* Walsh (Allen & Edmunds, 1962:246).

*Chitonophora* has been treated as a subgenus of *Ephemerella* Walsh.

**Genus *Chiusanophlebia* Uéno**

*Chiusanophlebia* Uéno, 1969:230. Type-species: *Chiusanophlebia asahinai* Uéno, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Chopralla* Waltz & McCafferty**

*Chopralla* Waltz & McCafferty, 1987b:182. Type-species: *Centroptella ceylonensis* Müller-Liebenau, original designation. Baetidae.

**Genus *Choroterpes* Eaton**

*Choroterpes* Eaton, 1881a:194. Type-species: *Choroterpes lusitanica* Eaton, original designation. Leptophlebiidae: Atalophlebiinae.

Three subgenera are recognized: *Choroterpes* (s.s.), *Euthraulus* Barnard, and *Neochoroterpes* Allen.

**Genus *Choroterpides* Ulmer**

*Choroterpides* Ulmer, 1939:494. Type-species: *Thraulus exiguus* Eaton, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Chromarcys* Navás**

*Chromarcys* Navás, 1932:927. Type-species: *Chromarcys magnifica* Navás, original designation. Oligoneuriidae: Chromarcyinae. Synonym *Pseudoligoneuria* Ulmer.

**Genus *Cincticostella* Allen**

*Ephemerella* (*Cincticostella*) Allen, 1971:513. Type-species: *Ephemerella nigra* Uéno, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae. Synonym *Asiatella* Tshernova.

Two subgenera are recognized: *Cincticostella* Allen and *Rhionella* Allen. *Cincticostella* was originally proposed as a subgenus of *Ephemerella* Walsh.

### Genus *Cinygma* Eaton

*Cinygma* Eaton, 1885:247. Type-species: *Cinygma integrum* Eaton, original designation. Heptageniidae: Heptageniinae.

### Genus *Cinygmina* Kimmings

*Cinygmina* Kimmings, 1937:435. Type-species: *Cinygmina assamensis* Kimmings, original designation. Heptageniidae: Heptageniinae. Synonym of *Ecdyonurus* Eaton (Tshernova et al., 1986:114).

### Genus *Cinygmoides* Matsumura

*Cinygmoides* Matsumura, 1931:1474. Type-species: *Cinygmoides hekachii* Matsumura, monotypy. Heptageniidae: Heptageniinae.

### Genus *Cinygmula* McDunnough

*Cinygmula* McDunnough, 1933:75. Type-species: *Ecdyurus ramaleyi* Dodds, original designation. Heptageniidae: Heptageniinae.

### Genus *Clephemera* Lin

*Clephemera* Lin, 1986:27. Type-species: *Clephemera clava* Lin, original designation. Ephemerellidae.

*Clephemera* is known only from fossils.

### Genus *Cloe* Burmeister

*Cloe* Burmeister, 1839:797. Type-species: *Ephemera diptera* Linnaeus, objective synonymy. Unnecessary replacement name for *Cloeon* Leach. Baetidae. Objective synonym of *Cloeon* Leach.

### Genus *Cloeodes* Traver

*Cloeodes* Traver, 1938:32. Type-species: *Cloeodes maculatus* Traver, original designation. Baetidae. Synonym *Centroptella* Braasch and Soldán.

Two subgenera are recognized: *Cloeodes* (s.s.) and *Notobaetis* Moribara & Edmunds.

### Genus *Cloeon* Leach

*Cloeon* Leach, 1815:137. Type-species: *Ephemera diptera* Linnaeus [as *Cloeon pallida* Leach], monotypy. Baetidae. Synonyms *Astrocloeon* Barnard, *Cloe* Burmeister, *Cloeopsis* Eaton, and *Neocloeon* Traver.

**Genus *Cloeopsis* Eaton**

*Cloeopsis* Eaton, 1866:146. Type-species: *Ephemerella diptera* Linnaeus, monotypy. Baetidae. Objective synonym of *Cloeon* Leach.

**Genus *Cloeoptilum* Kazlauskas**

*Cloeoptilum* Kazlauskas, 1972:338. Not available, Art. 13b, no type designated. Baetidae. Synonym of *Pseudocentroptilum* Bogoesco (Keffermüller & Sowa, 1984:311).

**Genus *Clypeocaenis* Soldán**

*Clypeocaenis* Soldán, 1978:119. Type-species: *Clypeocaenis bisetosa* Soldán, original designation. Caenidae.

**Genus *Coloburiscoides* Lestage**

*Coloburiscoides* Lestage, 1935:356. Type-species: *Coloburiscus giganteus* Tillyard, original designation. Oligoneuriidae: Coloburiscinae.

**Genus *Coloburiscus* Eaton**

*Coloburiscus* Eaton, 1888:349. Type-species: *Palingenia humeralis* Walker, objective synonymy. Oligoneuriidae: Coloburiscinae. Replacement name for *Coloburus* Eaton.

**Genus *Coloburus* Eaton**

*Coloburus* Eaton, 1868a:89. Type-species: *Palingenia humeralis* Walker, original designation. Preoccupied. Oligoneuriidae: Coloburiscinae. Objective synonym of *Coloburiscus* Eaton.

**Genus *Compsoneuria* Eaton**

*Compsoneuria* Eaton, 1881b:23. Type-species: *Compsoneuria spectabilis* Eaton, original designation. Heptageniidae: Heptageniinae. Synonyms *Compsoneuriella* Ulmer, *Cosmetogenia* Eaton, and *Notonurus* Crass.

**Genus *Compsoneuriella* Ulmer**

*Compsoneuriella* Ulmer, 1939:563. Type-species: *Compsoneuriella thienemanni* Ulmer, original designation. Heptageniidae: Heptageniinae. Synonym of *Compsoneuria* Eaton (Braasch & Soldán, 1986a:46).

**Genus *Coryphorus* Peters**

*Coryphorus* Peters, 1981:209. Type-species: *Coryphorus aquilus* Peters, original designation. Tricorythidae: Machadorythinae.

**Genus *Cosmetogenia* Eaton**

*Cosmetogenia* Eaton, 1883:19, pl. 23. Type-species: *Compsoneuria spectabilis* Eaton, monotypy. Heptageniidae: Heptageniinae. Objective synonym of *Compsoneuria* Eaton.

**Genus *Cotopaxi* Mayo**

*Cotopaxi* Mayo, 1968:301. Type-species: *Cotopaxi macuchae* Mayo, original designation. Leptohyphidae: Leptohyphinae.

**Genus *Coula* Peters & Peters**

*Coula* Peters & Peters, 1980:73. Type-species: *Coula fasciata* Peters & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Cretoneta* Tshernova**

*Cretoneta* Tshernova, 1971:614. Type-species: *Cretoneta zherichini* Tshernova, original designation. Leptophlebiidae: Mesonetinae.  
*Cretoneta* is known only from fossils.

**Genus *Crinitella* Allen & Edmunds**

*Ephemerella* (*Crinitella*) Allen & Edmunds, 1963:17. Type-species: *Ephemerella coheri* Allen & Edmunds, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae.

*Crinitella* was originally proposed as a subgenus of *Ephemerella* Walsh.

**Genus *Cronicus* Eaton**

*Cronicus* Eaton, 1871:133. Type-species: *Baetis anomala* Pictet, monotypy. Oligoneuriidae: Coloburiscinae.

*Cronicus* is known only from fossils.

**Genus *Cryophlebia* Towns & Peters**

*Cryophlebia* Towns & Peters, 1979a:230. Type-species: *Atalophlebioides aucklandensis* Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Cryptopenella* Gillies**

*Cryptopenella* Gillies, 1951:125. Type-species: *Cryptopenella facialis* Gillies, original designation. Leptophlebiidae: Atalophlebiinae.

**Subgenus Dacnogenia Kluge**

*Heptagenia (Dacnogenia)* Kluge, 1987:303. Type-species: *Heptagenia coerulans* Rostock, monotypy). Heptageniidae: Heptageniinae. Subgenus of *Heptagenia* Walsh.

**Genus Dactylobaetis Traver & Edmunds**

*Dactylobaetis* Traver & Edmunds, 1968:629. Type-species: *Dactylobaetis warreni* Traver & Edmunds, original designation. Baetidae.

**Genus Dactylophlebia Pescador & Peters**

*Dactylophlebia* Pescador & Peters, 1980b:332. Type-species: *Dactylophlebia carnulenta* Pescador & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Dannella Edmunds**

*Ephemerella (Dannella)* Edmunds, 1959:546. Type-species: *Ephemerella simplex* McDunnough, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini: Timpanogae.

Two subgenera are recognized: *Dannella* (s.s.) and *Dentatella* Allen. *Dannella* was originally proposed as a subgenus of *Ephemerella* Walsh.

**Genus Deleatidium Eaton**

*Deleatidium* Eaton, 1899:288. Type-species: *Deleatidium lillii* Eaton, monotypy. Leptophlebiidae: Atalophlebiinae.

**Genus Demoulinellus Pescador & Peters**

*Demoulinellus* Pescador & Peters, 1982:10. Type-species: *Demoulinellus coloratus* Pescador & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Denina McCafferty**

*Denina* McCafferty, 1987:472. Type-species: *Denina dubiloca* McCafferty, original designation. Ephemeridae.

*Denina* is known only from fossils.

**Subgenus Dentatella Allen**

*Dannella (Dentatella)* Allen, 1980:88. Type-species: *Ephemerella bartoni* Allen, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini: Timpanogae. Subgenus of *Dannella* Edmunds.

**Genus *Dicercomyzon* Demoulin**

*Dicercomyzon* Demoulin, 1954a:1. Type-species: *Dicercomyzon femorale* Demoulin, original designation. Leptohyphidae: Dicercomyzinae.

**Genus *Dicrephemera* McCafferty & Edmunds**

*Ephemera (Dicrephemera)* McCafferty & Edmunds, 1973:302. Type-species: *Ephemera siamensis* Uéno, original designation. Ephemeridae. Synonym of *Afromera* Demoulin (McCafferty & Gillies, 1979: 170).

*Dicrephemera* was originally proposed as a subgenus of *Ephemera* Linnaeus.

**Genus *Dictyosiphlon* Lestage**

*Dictyosiphlon* Lestage, 1931b:47. Type-species: *Heptagenia molinai* Navás, monotypy. Oligoneuriidae: Coloburiscinae. Synonym of *Murphyella* Lestage (Hubbard, 1985:12).

**Genus *Diphetor* Waltz & McCafferty**

*Diphetor* Waltz & McCafferty, 1987c:669. Type-species: *Baetis hageni* Eaton, original designation. Baetidae.

**Genus *Dipteromimodes* Matsumura**

*Dipteromimodes* Matsumura, 1931:1474. Type-species: *Dipteromimodes suzukii* Matsumura, monotypy. Siphlonuridae: Siphlonurinae. Synonym of *Dipteromimus* McLachlan (Uéno, 1931:216).

**Genus *Dipteromimus* McLachlan**

*Dipteromimus* McLachlan, 1875:170. Type-species: *Dipteromimus tipuliformis* McLachlan, monotypy. Siphlonuridae: Siphlonurinae. Synonym *Dipteromimodes* Matsumura.

**Genus *Dipterophlebiodes* Demoulin**

*Dipterophlebiodes* Demoulin, 1954c:129. Type-species: *Dipterophlebiodes sarawacensis* Demoulin, original designation. Leptophlebiidae: Leptophlebiinae.

**Genus *Dolania* Edmunds & Traver**

*Dolania* Edmunds & Traver, 1959:46. Type-species: *Dolania americana* Edmunds & Traver, original designation. Behningiidae.

**Genus *Doter* Sellards**

*Doter* Sellards, 1907:355. Type-species: *Doter minor* Sellards, original designation.

Originally proposed as a mayfly, *Doter* is now considered as a Palaeoptera, incertis ordinis, by Carpenter (1980).

**Genus *Dromeus* Sellards**

*Dromeus* Sellards, 1907:351. Type-species: *Dromeus obtusus* Sellards, original designation. Preoccupied. Misthodotidae. Objective synonym of *Misthodotes* Sellards.

**Genus *Drunella* Needham**

*Drunella* Needham, 1905:42. Type-species: *Ephemerella grandis* Eaton, monotypy. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae.

Five subgenera are recognized: *Drunella* (s.s.), *Eatonella* Needham, *Myllonella* Allen, *Tribrochella* Allen, and *Unirachella* Allen. *Drunella* has been treated as a subgenus of *Ephemerella* Walsh.

**Genus *Dulcimanna* Jell & Duncan**

*Dulcimanna* Jell & Duncan, 1986:124. Type-species: *Dulcimanna sculptor* Jell & Duncan, original designation. Siphlonuridae.

*Dulcimanna* is known only from fossils.

**Genus *Dyadentomum* Handlirsch**

*Dyadentomum* Handlirsch, 1904:7. Type-species: *Dyadentomum permense* Handlirsch, original designation. Family incertus.

*Dyadentomum* is known only from fossils.

**Subgenus *Eatonella* Needham**

*Ephemerella* (*Eatonella*) Needham, 1927:108. Type-species: *Ephemerella doddsi* Needham, monotypy. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae. Subgenus of *Drunella* Needham.

*Eatonella* was originally proposed as a subgenus of *Ephemerella* Walsh. The species included in *Eatonella* were not explicitly stated in the original description. *Ephemerella doddsi* was the only included species as determined by process of elimination.

**Genus *Eatonia* Ali**

*Eatonia* Ali, 1970:121. Type-species: *Eatonia khyberensis* Ali, monotypy. Preoccupied. Oligoneuriidae: Isonychiinae. Synonym of *Isonychia* Eaton (Hubbard & Peters, 1978:31).

**Genus *Eatonia* Bengtsson**

*Eatonia* Bengtsson, 1904:131. Type-species: *Eatonia borealis* Bengtsson [nomen nudum], monotypy. Preoccupied. Nomen nudum. Siphlonuridae: Siphlonurinae. Synonym of *Parameletus* Bengtsson (Bengtsson, 1930:13).

**Genus *Eatonica* Navás**

*Eatonica* Navás, 1913:181. Type-species: *Ephemera schoutedeni* Navás, original designation. Ephemeridae.

**Genus *Eatonigenia* Ulmer**

*Eatonigenia* Ulmer, 1939:477. Type-species: *Hexagenia chaperi* Navás, original designation. Ephemeridae.

**Genus *Ecdyonuroides* Dang**

*Ecdyonuroides* Dang, 1967:160. Type-species: *Ecdyonurus sumatranaus* Ulmer, original designation. Heptageniidae: Heptageniinae. Synonym of *Thalerosphyrus* Eaton.

**Genus *Ecdyonurus* Eaton**

*Ecdyonurus* Eaton, 1868b:142. Type-species: *Ephemera venosa* Fabricius, original designation. Heptageniidae: Heptageniinae. Synonyms *Afghanurus* Demoulin, *Akkarion* Flowers, *Cinygmina* Kimmins, *Ecdyurus* Eaton, *Leucrocuta* Flowers, *Nixe* Flowers, *Notacanthurus* Tshernova, and *Paracinygma* Bajkova.

**Genus *Ecdyurus* Eaton**

*Ecdyurus* Eaton, 1868a:90. Type-species: *Ephemera venosa* Fabricius, objective synonymy. Unnecessary replacement name for *Ecdyonurus* Eaton. Heptageniidae: Heptageniinae. Objective synonym of *Ecdyonurus* Eaton.

**Genus *Echinobaetis* Mol**

*Echinobaetis* Mol, 1989:61. Type-species: *Echinobaetis phagas* Mol, original designation. Baetidae.

**Genus *Ecuaphlebia* Dominguez**

*Ecuaphlebia* Dominguez, 1988:227. Type species: *Ecuaphlebia rumignaui* Dominguez, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Edmundsius Day**

*Edmundsius* Day, 1953:19. Type-species: *Edmundsius agilis* Day, original designation. Siphlonuridae: Siphlonurinae.

**Genus Edmundsula Sivaramakrishnan**

*Edmundsula* Sivaramakrishnan, 1985:235. Type-species: *Edmundsula lotica* Sivaramakrishnan, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Elassoneuria Eaton**

*Elassoneuria* Eaton, 1881a:191. Type-species: *Oligoneuria trimeniana* McLachlan, original designation. Oligoneuriidae: Oligoneuriinae. Two subgenera are recognized: *Elassoneuria* (s.s.) and *Madeconeuria* Demoulin.

**Genus Electrogena Zurwerra & Tomka**

*Electrogena* Zurwerra & Tomka, 1985:102. Type-species: *Baetis lateralis* Curtis, original designation. Heptageniidae: Heptageniinae.

**Genus Electrogenia Demoulin**

*Electrogenia* Demoulin, 1956a:95. Type-species: *Electrogenia dewalschei* Demoulin, original designation. Heptageniidae: Arthropleiniae. *Electrogenia* is known only from fossils.

**Genus Eopolymitarcys Tshernova**

*Eopolymitarcys* Tshernova, 1934:240. Type-species: *Eopolymitarcys nigridorsum* Tshernova, original designation. Polymitarcyidae: Polymitarcyinae. Synonym of *Ephoron* Williamson (Edmunds & Traver, 1954:239).

**Genus Epeiron Demoulin**

*Epeiron* Demoulin, 1964b:358. Type-species: *Epeiron amseli* Demoulin, original designation. Heptageniidae: Heptageniinae. Synonym of *Epeorus* Eaton (Tshernova & Belov, 1982:194).

**Genus Epeorella Ulmer**

*Epeorella* Ulmer, 1939:578. Type-species: *Epeorella borneonia* Ulmer, original designation. Heptageniidae: Heptageniinae.

**Genus *Epeoromimus* Tshernova**

*Epeoromimus* Tshernova, 1969:156. Type-species: *Epeoromimus kazlauskasi* Tshernova, original designation. Epeoromimidae.

*Epeoromimus* is known only from fossils.

**Genus *Epeorus* Eaton**

*Epeorus* Eaton, 1881b:26. Type-species: *Epeorus torrentium* Eaton, original designation. Heptageniidae: Heptageniinae. Synonym *Epeiron* Demoulin.

Two subgenera are recognized: *Epeorus* (s.s.) and *Ironopsis* Traver. *Epeorus* has been treated as a subgenus of both *Heptagenia* Walsh and *Iron* Eaton.

**Genus *Ephemera* Linnaeus**

*Ephemera* Linnaeus, 1758:546. Type-species: *Ephemera vulgata* Linnaeus, subsequent designation by Westwood, 1836:439. Ephemeridae. Synonym *Nirvius* Navás.

Two subgenera are recognized: *Ephemera* (s.s.) and *Aethphemera* McCafferty & Edmunds.

**Genus *Ephemerella* Walsh**

*Ephemerella* Walsh, 1863b:377. Type-species: *Ephemerella excrucians* Walsh, subsequent designation by Eaton, 1868a:87. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae. Synonym *Chitonophora* Bengtsson.

Two subgenera are recognized: *Ephemerella* (s.s.) and *Uracanthella* Belov.

**Genus *Ephemerellina* Lestage**

*Ephemerellina* Lestage, 1924b:346. Type-species: *Ephemerellina barnardi* Lestage, original designation. Ephemerellidae: Teloganodinae.

Three subgenera are recognized: *Ephemerellina* (s.s.), *Austremerella* Riek, and *Lithogloea* Barnard.

**Genus *Ephemeropsis* Eichwald**

*Ephemeropsis* Eichwald, 1864:21. Type-species: *Ephemeropsis trisetalis* Eichwald, monotypy. Hexagenitidae. Synonym *Phacelobranchus* Handlirsch.

*Ephemeropsis* is known only from fossils.

**Genus *Ephemerythus* Gillies**

*Ephemerythus* Gillies, 1960:35. Type-species: *Ephemerythus niger* Gillies, original designation. Tricorythidae: Ephemerythinae.

Two subgenera are recognized: *Ephemerythus* (s.s.) and *Tricomerella* Demoulin.

**Genus *Ephoron* Williamson**

*Ephoron* Williamson, 1802:71. Type-species: *Ephoron leukon* Williamson, monotypy. Polymitarcyidae: Polymitarcynae. Synonyms *Eopolymitarcys* Tshernova and *Polymitarcys* Eaton.

**Genus *Esbenophlebia* Lestage**

*Esbenophlebia* Lestage, 1924b:336. Type-species: *Adenophlebia westermannii* Esben-Petersen, original designation. Leptophlebiidae: Atalophlebiinae. Synonym of *Adenophlebia* Eaton (Barnard, 1932: 240).

**Genus *Esca* Sellards**

*Esca* Sellards, 1909:354. Type-species: *Therates planus* Sellards, objective synonymy. Replacement name for *Therates* Sellards (preoccupied).

Although it was originally proposed as an Ephemeroptera under the name *Therates* Sellards, placement of *Esca* is uncertain, but it is certainly not an Ephemeroptera.

**Genus *Eucharidis* Joly & Joly**

*Eucharidis* Joly & Joly, 1877:314. Type-species: *Eucharidis reamurii* Joly & Joly, monotypy. Potamanthidae. Synonym of *Potamanthus Pictet* (Eaton, 1883:79).

**Genus *Eudotter* Tillyard**

*Eudotter* Tillyard, 1936:443. Type-species: *Eudotter delicatulus* Tillyard, original designation. Misthodotidae. Synonym of *Misthodotes* Sellards (Carpenter, 1980:237).

**Genus *Euphlebia* Crass**

*Euphlebia* Crass, 1947b:104. Type-species: *Euphlebia bicolor* Crass, monotypy. Leptophlebiidae: Atalophlebiinae. Synonym of *Adenophlebiodes* Ulmer (Edmunds, 1953:79).

**Genus *Euphyurus* Bengtsson**

*Euphyurus* Bengtsson, 1909:4. Type-species: *Euphyurus albitarsis* Bengtsson, monotypy. Leptophlebiidae: Leptophlebiinae. Synonym of *Leptophlebia* Westwood (Lestage, 1917:333).

**Genus *Eurycaenis* Bengtsson**

*Eurycaenis* Bengtsson, 1917:186. Type-species: *Brachycercus harrisellus* Curtis, original designation. Caenidae. Objective synonym of *Brachycercus* Curtis.

**Genus *Eurylophella* Tiensuu**

*Eurylophella* Tiensuu, 1935:20. Type-species: *Eurylophella karelica* Tiensuu, monotypy. Ephemerallidae: Ephemerallinae: Ephemerallini: Timpanogae. Synonym *Melanameletus* Tiensuu.

**Subgenus *Euthraulus* Barnard**

*Euthraulus* Barnard, 1932:249. Type-species: *Euthraulus elegans* Barnard, monotypy. Leptophlebiidae: Atalophlebiinae. Synonym *Thraululus* Ulmer. Subgenus of *Choroterpes* Eaton.

**Genus *Euthyplocia* Eaton**

*Euthyplocia* Eaton, 1871:67. Type-species: *Palingenia hecuba* Hagen, monotypy. Euthyplociidae: Euthyplociinae.

**Genus *Exeuthyplocia* Lestage**

*Exeuthyplocia* Lestage, 1918:74. Type-species: *Euthyplocia minima* Ulmer, monotypy. Euthyplociidae: Exeuthyplociinae.

**Genus *Falceon* Waltz & McCafferty**

*Falceon* Waltz & McCafferty, 1987c:668. Type-species: *Baetis quilleri* Dodds, original designation. Baetidae.

**Genus *Farrodes* Peters**

*Farrodes* Peters, 1971:5. Type-species: *Farrodes hyalinus* Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Subgenus *Fascioculus* Pescador & Berner**

*Baetisca* (*Fascioculus*) Pescador & Berner, 1981:168 (Type-species: *Baetisca escambiensis* Berner, original designation). Baetiscidae.

**Genus Fittkaulus Savage & Peters**

*Fittkaulus* Savage & Peters, 1978:293. Type-species: *Fittkaulus maculatus* Savage & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Foliomimus Sinitshenkova**

*Foliomimus* Sinitshenkova, 1985:21. Type species: *Epeoromimus tertius* Tshernova, original designation. Epeoromimidae.

*Foliomimus* is known only from fossils.

**Genus Fontainica McCafferty**

*Fontainica* McCafferty, 1968:293. Type-species: *Fontainica josettae* McCafferty, monotypy. Palingeniidae: Palingeniinae. Synonym of *Cheirogenesia* Demoulin (McCafferty & Edmunds, 1976:189).

**Genus Fulleta Navás**

*Fulleta* Navás, 1930:318. Type-species: *Fulleta dentata* Navás, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Fulletomimus Demoulin**

*Fulletomimus* Demoulin, 1956b:280. Type-species: *Fulletomimus marlieri* Demoulin, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Garinjuga Campbell & Suter**

*Garinjuga* Campbell & Suter, 1988:262. Type-species: *Garinjuga maryanna* Campbell & Suter, original designation. Leptophlebiidae: Atalophlebiinae

**Genus Gilliesia Peters & Edmunds**

*Gilliesia* Peters & Edmunds, 1970:189. Type-species: *Thraulus hindustanicus* Gillies, original designation. Leptophlebiidae: Leptophlebiinae.

**Genus Guajirolus Flowers**

*Guajirolus* Flowers, 1985:27. Type-species: *Guajirolus ektrapeloglossa* Flowers, original designation. Baetidae.

**Subgenus Guayakia Dominguez & Flowers**

*Hermanella (Guayakia) Dominguez & Flowers*, 1989:563. Type-species: *Thraulus maculipennis* Ulmer, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Habroleptoides Schoenemund**

*Habroleptoides* Schoenemund, 1929:222. Type-species: *Potamanthus modestus* Hagen, monotypy. Leptophlebiidae: Leptophlebiinae.

**Genus Habrophlebia Eaton**

*Habrophlebia* Eaton, 1881a:195. Type-species: *Ephemera fusca* Curtis, original designation. Leptophlebiidae: Leptophlebiinae.

Two subgenera are recognized: *Habrophlebia* (s.s.) and *Hesperaphlebia* Peters.

**Genus Habrophlebiodes Ulmer**

*Habrophlebiodes* Ulmer, 1920b:39. Type-species: *Habrophlebia americana* Banks, original designation. Leptophlebiidae: Leptophlebiinae.

**Genus Hagenulodes Ulmer**

*Hagenulodes* Ulmer, 1920b:37. Type-species: *Hagenulodes braueri* Ulmer, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Hagenulopsis Ulmer**

*Hagenulopsis* Ulmer, 1920b:34. Type-species: *Hagenulopsis diptera* Ulmer, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Hagenulus Eaton**

*Hagenulus* Eaton, 1882:207. Type-species: *Hagenulus caligatus* Eaton, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Haplobaetis Navás**

*Haplobaetis* Navás, 1922b:115. Type-species: *Haplobaetis umbratus* Navás, original designation. Baetidae. Synonym of *Centroptiloides* Lestage (Lestage, 1945:89).

**Genus Haplogenia Blair**

*Haplogenia* Blair, 1929:254. Type-species: *Haplogenia southi* Blair, monotypy. Heptageniidae: Arthropleinae. Synonym of *Arthrolea* Bengtsson (Bengtsson, 1930:27).

**Genus *Haplohyphes* Allen**

*Haplohyphes* Allen, 1966:566. Type-species: *Haplohyphes huallaga* Allen, original designation. Leptocephidae: Leptocephinae.

**Genus *Hapsiphlebia* Peters & Edmunds**

*Hapsiphlebia* Peters & Edmunds, 1972:1401. Type-species: *Atalophlebia anastomosis* Demoulin, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Harpagobaetis* Mol**

*Harpagobaetis* Mol, 1986:63. Type-species: *Harpagobaetis gulosus* Mol, original designation. Baetidae.

**Genus *Heptagenia* Walsh**

*Heptagenia* Walsh, 1863a:197. Type-species: *Palingenia flavaescens* Walsh, subsequent designation by Eaton, 1868a:90. Heptageniidae: Heptageniinae. Synonym *Sigmoneuria* Demoulin.

Three subgenera of *Heptagenia* are recognized: *Heptagenia* (s.s.) Walsh, *Dacnogenia* Kluge, and *Kageronia* Matsumura. The subgenus *Heptagenia* (*Parastenacron*) was proposed by Kluge in Braasch & Soldán (1988) but is not available because it was published without a description.

**Genus *Hermanella* Needham & Murphy**

*Hermanella* Needham & Murphy, 1924:39. Type-species: *Hermanella thelma* Needham & Murphy, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Hermanellopsis* Demoulin**

*Hermanella* (*Hermanellopsis*) Demoulin, 1955a:8. Type-species: *Hermanella incertans* Spieth, original designation. Leptophlebiidae: Atalophlebiinae.

*Hermanellopsis* was originally described as a subgenus of *Hermanella* Needham & Murphy.

**Subgenus *Hesperophlebia* Peters**

*Habrophlebia* (*Hesperophlebia*) Peters, 1979:53. Type-species: *Habrophlebia vibrans* Needham, original designation. Leptophlebiidae: Leptophlebiinae. Subgenus of *Habrophlebia* Eaton.

**Genus *Heterocloeon* McDunnough**

*Heterocloeon* McDunnough, 1925:175. Type-species: *Centroptilum curiosum* McDunnough, original designation. Baetidae. Synonym *Rheobaetis* Müller-Liebenau.

*Heterocloeon* has been treated as a synonym of *Baetis* Leach.

**Genus *Heterogenesia* Dang**

*Heterogenesia* Dang, 1967:159. Type-species: *Heterogenesia chinei* Dang, original designation. Palingeniidae: Palingeniinae.

**Genus *Hexagenia* Walsh**

*Hexagenia* Walsh, 1863a:197. Type-species: *Ephemera limbata* Serville, subsequent designation by Eaton, 1868a:85. Ephemeridae.

Two subgenera are recognized: *Hexagenia* (s.s.) and *Pseudeatonica* Spieth.

**Genus *Hexagenites* Scudder**

*Hexagenites* Scudder, 1880:6. Type-species: *Hexagenites weyenberghii* Scudder, original designation. Hexagenitidae. Synonyms *Paedephemera* Handlirsch and *Stenodicranum* Demoulin.

*Hexagenites* is known only from fossils.

**Genus *Hexameropsis* Tshernova & Sinitshenkova**

*Hexameropsis* Tshernova & Sinitshenkova, 1974:132. Type-species: *Hexameropsis selini* Tshernova & Sinitshenkova, original designation. Hexagenitidae.

*Hexameropsis* is known only from fossils.

**Subgenus *Holobaetis* Sukatskene**

*Baetis* (*Holobaetis*) Sukatskene, 1962:111. Not available, Art. 13b, no type designated. Baetidae. Subgenus of *Baetis* Leach.

**Genus *Homoeoneuria* Eaton**

*Homoeoneuria* Eaton, 1881a:192. Type-species: *Homoeoneuria salvinae* Eaton, original designation. Oligoneuriidae: Oligoneuriinae.

Two subgenera are recognized: *Homoeoneuria* (s.s.) and *Notachora* Pescador & Peters.

**Subgenus *Homoleptohypes* Allen & Murvosh**

*Tricorythodes* (*Homoleptohypes*) Allen & Murvosh, 1987:39. Type-species: *Tricorythodes dimorphus* Allen, original designation. Leptohyphidae: Leptohyphinae. Subgenus of *Tricorythodes* Ulmer.

**Genus *Homothraulus* Demoulin**

*Homothraulus* Demoulin, 1955a:11. Type-species: *Thraulus misionensis* Esben-Petersen, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Huizhougenia* Lin**

*Huizhougenia* Lin, 1980:216. Type species: *Huizhougenia orbicularis* Lin, original designation. Family incertus.

*Huizhougenia* is known only from fossils.

**Subgenus *Hyalophlebia* Demoulin**

*Adenophlebiodes* (*Hyalophlebia*) Demoulin, 1955h:287. Type-species: *Atalophlebia dentifera* Navás, original designation. Leptophlebiidae: Atalophlebiinae. Subgenus of *Adenophlebiodes* Ulmer.

**Genus *Hylistier* Dominguez & Flowers**

*Hylistier* Dominguez & Flowers, 1989:565. Type-species: *Hylistier plaumanni* Dominguez & Flowers, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Hyrtanella* Allen & Edmunds**

*Hyrtanella* Allen & Edmunds, 1976:133. Type-species: *Hyrtanella christinea* Allen & Edmunds, original designation. Ephemerellidae: Ephemerellinae: Hyrtanellini.

**Genus *Ichthybotus* Eaton**

*Ichthybotus* Eaton, 1899:285. Type-species: *Ephemerella hudsoni* McLachlan, monotypy. Ephemeridae.

**Genus *Indialis* Peters & Edmunds**

*Indialis* Peters & Edmunds, 1970:208. Type-species: *Indialis badia* Peters & Edmunds, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Indobaetis* Müller-Liebenau & Morihara**

*Indobaetis* Müller-Liebenau & Morihara, 1982:26. Type-species: *Indobaetis costai* Müller-Liebenau & Morihara, original designation. Baetidae.

**Genus *Indocloeon* Müller-Liebenau**

*Indocloeon* Müller-Liebenau, 1982:125. Type-species: *Indocloeon primum* Müller-Liebenau, original designation. Baetidae.

**Genus *Insulibrachys* Soldán**

*Insulibrachys* Soldán, 1986:333. Type-species: *Insulibrachys needhami* Soldán, original designation. Caenidae.

**Genus *Iron* Eaton**

*Iron* Eaton, 1883:pl. 23-24. Type-species: *Epeorus longimanus* Eaton, monotypy. Heptageniidae: Heptageniinae.

*Iron* has been treated as both a synonym and a subgenus of *Epeorus* Eaton.

**Genus *Ironodes* Traver**

*Ironodes* Traver, 1935:32. Type-species: *Iron nitidus* Eaton, original designation. Heptageniidae: Heptageniinae.

*Ironodes* has been treated as both a synonym and a subgenus of *Epeorus* Eaton.

**Subgenus *Ironopsis* Traver**

*Ironopsis* Traver, 1935:36. Type-species: *Iron grandis* McDunnough, original designation. Heptageniidae: Heptageniinae. Subgenus of *Epeorus* Eaton.

**Genus *Isca* Gillies**

*Isca* Gillies, 1951:127. Type-species: *Isca purpurea* Gillies, original designation. Leptophlebiidae: Atalophlebiinae.

Three subgenera are recognized: *Isca* (s.s.), *Minyphlebia* Peters & Edmunds, and *Tanycola* Peters & Edmunds.

**Genus *Isonychia* Eaton**

*Isonychia* Eaton, 1871:134. Type-species: *Isonychia manca* Eaton, original designation. Oligoneuriidae: Isonychiinae. Synonyms *Chirotonetes* Eaton, *Eatonia* Ali [not available], and *Jolia* Eaton.

Three subgenera are recognized: *Isonychia* (s.s.), *Borisonychia* McCafferty, and *Prionodes* Kondratieff & Voshell.

**Genus *Isothraulus* Towns & Peters**

*Isothraulus* Towns & Peters, 1979:439. Type-species: *Isothraulus abditus* Towns & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Jappa* Harker**

*Jappa* Harker, 1954:257. Type-species: *Jappa kutera* Harker, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Jarmila Demoulin**

*Jarmila* Demoulin, 1970b:7. Type-species: *Jarmila elongata* Demoulin, original designation. Jarmilidae.

*Jarmila* is known only from fossils.

**Genus Jolia Eaton**

*Jolia* Eaton, 1881a:192. Type-species: *Palingenia roeselli* Joly, original designation. Oligoneuriidae: Isonychiniinae. Synonym of *Isonychia* Eaton (Needham, 1905:28).

*Jolia* has been treated as a synonym of *Chirotonetes* Eaton.

**Genus Jubabaetis Müller-Liebenau**

*Jubabaetis* Müller-Liebenau, 1980:103. Type-species: *Jubabaetis pescadori* Müller-Liebenau, original designation. Baetidae.

**Subgenus Kageronia Matsumura**

*Kageronia* Matsumura, 1931:1479. Type-species: *Kageronia suzukiella* Matsumura, monotypy. Heptageniidae: Heptageniinae. Subgenus of *Heptagenia* Walsh.

**Genus Kamia Martynov**

*Kamia* Martynov, 1928:4. Type-species: *Kamia augustovenosa* Martynov, original designation.

Originally proposed as a mayfly, the placement of *Kamia* is uncertain, although it is probably a Paleodictyoptera.

**Genus Kariona Peters & Peters**

*Kariona* Peters & Peters, 1981b:245. Type-species: *Kariona quintata* Peters & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Kimminsula Peters & Edmunds**

*Kimminsula* Peters & Edmunds, 1970:192. Type-species: *Potamanthus annulatus* Hagen, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Kirrara Harker**

*Kirrara* Harker, 1954:259. Type-species: *Kirrara procera* Harker, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Koorrnonga Campbell & Suter**

*Koorrnonga* Campbell & Suter, 1988:267. Type-species: *Leptophlebia inconspicua* Eaton, original designation. Leptophlebiidae: Atalophlebiinae

**Genus Kukalova Demoulin**

*Kukalova* Demoulin, 1970b:6. Type-species: *Kukalova americana* Demoulin, original designation. Protereismatidae.

*Kukalova* is known only from fossils.

**Subgenus Labiobaetis Novikova & Kluge**

*Baetis (Labiobaetis)* Novikova & Kluge, 1987:13. Type-species: *Baetis atrebatinus* Eaton, original designation. Baetidae. Subgenus of *Baetis* Leach.

**Genus Lachlania Hagen**

*Lachlania* Hagen, 1868:372. Type-species: *Lachlania abnormis* Hagen, original designation. Oligoneuriidae: Oligoneuriinae. Synonyms *Alloydia* Needham, *Neophlebia* Navás, *Noya* Navás, and *Noyopsis* Navás.

**Subgenus Languidipes Hubbard**

*Povilla (Languidipes)* Hubbard, 1984:29. Type-species: *Asthenopus corporaali* Lestage, original designation. Polymitarcyidae: Asthenopodinae. Subgenus of *Povilla* Navás.

**Genus Leentvaaria Demoulin**

*Leentvaaria* Demoulin, 1966a:13. Type-species: *Leentvaaria palpalis* Demoulin, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Lepegenia Peters, Peters, & Edmunds**

*Lepegenia* Peters, Peters, & Edmunds, 1978:109. Type-species: *Lepegenia lineata* Peters, Peters, & Edmunds, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Lepeorus Peters, Peters, & Edmunds**

*Lepeorus* Peters, Peters, & Edmunds, 1978:100. Type-species: *Lepeorus goyi* Peters, Peters, & Edmunds, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Lepismophlebia Demoulin**

*Lepismophlebia* Demoulin, 1968a:7. Type-species: *Lepisma platymera* Scudder, original designation. Leptophlebiidae: Subfamily incertus.

*Lepismophlebia* is known only from fossils.

**Genus Leptocephyes Eaton**

*Leptocephyes* Eaton, 1882:208. Type-species: *Leptocephyes eximius* Eaton, monotypy. Leptocephyidae: Leptocephyinae. Synonym *Bruchella* Navás.

**Genus Leptocephyodes Ulmer**

*Leptocephyodes* Ulmer, 1920b:50. Type-species: *Potamanthus inanis* Pictet, original designation. Leptocephyidae: Leptocephyinae.

**Genus Leptoneta Sinitshenkova**

*Leptoneta* Sinitshenkova, 1989:35. Type-species: *Leptoneta calyptrata* Sinitshenkova, original designation. Leptophlebiidae: Mesonetinae.

*Leptoneta* is known only from fossils.

**Genus Leptophlebia Westwood**

*Leptophlebia* Westwood, 1840:31. Type-species: *Ephemera vespertina* Linnaeus, monotypy. Leptophlebiidae: Leptophlebiinae. Synonyms *Blasturus* Westwood and *Euphyurus* Bengtsson.

**Genus Lestagella Demoulin**

*Lestagella* Demoulin, 1970d:130. Type-species: *Lithogloea penicillata* Barnard, original designation. Ephemerellidae: Teloganodinae.

**Genus Leucorhoenanthus Lestage**

*Leucorhoenanthus* Lestage, 1931a:134. Type-species: *Rhoenanthus macedonicus* Ulmer, original designation. Neoephemeridae. Synonym *Caenomera* Demoulin.

*Leucorhoenanthus* has been treated as a synonym of *Oreianthus* Traver and a subgenus of *Neoephemeria* McDunnough.

**Genus Leucrocuta Flowers**

*Leucrocuta* Flowers, 1980:297. Type-species: *Heptagenia maculipennis* McDunnough, original designation. Heptageniidae: Heptageniinae. Synonym of *Ecdyonurus* Eaton (Tshernova et al., 1986:114).

**Genus *Liebebiella* Waltz & McCafferty**

*Liebebiella* Waltz & McCafferty, 1987d:556. Type-species: *Pseudocloeon orientale* Müller-Liebenau, original designation. Baetidae.

**Subgenus *Lithogloea* Barnard**

*Lithogloea* Barnard, 1932:252. Type-species: *Lithogloea harrisoni* Barnard, monotypy. Ephemeralidae: Teloganodinae. Subgenus of *Ephemerellina* Lestage.

**Genus *Lithoneura* Carpenter**

*Lithoneura* Carpenter, 1938:446. Type species: *Lithoneura lameerei* Carpenter, original designation. Syntonopteridae.

*Lithoneura* is known only from fossils.

**Genus *Litobrancha* McCafferty**

*Litobrancha* McCafferty, 1971:45. Type-species: *Hexagenia recurvata* Morgan, monotypy. Ephemeridae.

**Genus *Litophlebia* Hubbard & Riek**

*Litophlebia* Hubbard & Riek, 1977:260. Type-species: *Xenophlebia optata* Riek, objective synonymy. Replacement name for *Xenophlebia* Riek.

Originally proposed as a mayfly (under the name *Xenophlebia* Riek), *Litophlebia* belongs to the Megasecoptera.

**Genus *Longinella* Gros & Lestage**

*Longinella* Gros & Lestage, 1927:158. Type-species: *Euthyplocia guntheri* Navás, original designation. Euthyplociidae: Euthyplociinae. Synonym of *Campylocia* Needham & Murphy (Ulmer, 1932:205).

**Genus *Loxophlebia* Martynov**

*Loxophlebia* Martynov, 1928:8. Type-species: *Loxophlebia apicalis* Martynov, original designation. Prottereismatidae. Synonym of *Prottereisma* Sellards (Rohdendorf, 1957:76).

**Subgenus *Maccaffertium* Bednarik**

*Stenonema* (*Maccaffertium*) Bednarik, 1979:191. Type-species: *Heptagenia integer* McDunnough, original designation. Heptageniidae: Heptageniinae. Subgenus of *Stenonema* Traver.

**Genus Macdunnoa Lehmkuhl**

*Macdunnoa* Lehmkuhl, 1979:860. Type-species: *Macdunnoa nipawinia* Lehmkuhl, original designation. Heptageniidae: Heptageniinae.

**Genus Machadorythus Demoulin**

*Machadorythus* Demoulin, 1959:251. Type-species: *Machadorythus palanquim* Demoulin, monotypy. Tricorythidae: Machadorythinae.

**Subgenus Madeconeuria Demoulin**

*Elasoneuria* (*Madeconeuria*) Demoulin, 1973:8. Type-species: *Elassoneuria insulicola* Demoulin, original designation. Oligoneuriidae: Oligoneuriinae. Subgenus of *Elassoneuria* Eaton.

**Genus Magallanella Pescador & Peters**

*Magallanella* Pescador & Peters, 1980b:336. Type-species: *Magallanella flinti* Pescador & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Maheathraulus Peters, Gillies, & Edmunds**

*Maheathraulus* Peters, Gillies, & Edmunds, 1964:122. Type-species: *Hagenulus scotti* Eaton, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Manohyprella Allen**

*Manohyprella* Allen, 1973:160. Type-species: *Manohyprella keiseri* Allen, original designation. Ephemerellidae: Teloganodinae.

**Genus Masharikella Peters, Gillies, & Edmunds**

*Masharikella* Peters, Gillies, & Edmunds, 1964:118. Type-species: *Hagenulus fasciatus* Kimmins, original designation. Leptophlebiidae: Atalophlebiinae. Synonym of *Thraulus* Eaton (Peters & Edmunds, 1970:203).

**Genus Massartella Lestage**

*Massartella* Lestage, 1930b:251. Type-species: *Atalophlebia brieni* Lestage, original designation. Leptophlebiidae: Atalophlebiinae.

*Massartella* has been considered a synonym of *Atalophlebia* Eaton.

**Genus *Massartellopsis* Demoulin**

*Massartellopsis* Demoulin, 1955c:9. Type-species: *Massartellopsis irarazavali* Demoulin, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Matsumuracloeon* Hubbard**

*Matsumuracloeon* Hubbard, 1989:388. Type-species: *Pseudocloeon aino* Matsumura, monotypy. Replacement name for *Pseudocloeon* Matsumura [not available]. Baetidae.

**Genus *Mauiulus* Towns & Peters**

*Mauiulus* Towns & Peters, 1979a:224. Type-species: *Mauiulus luma* Towns & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Subgenus *Mayobaetis* Waltz & McCafferty**

*Moribaetis (Mayobaetis)* Waltz & McCafferty, 1985:240. Type-species: *Baetis ellename* Mayo, original designation. Baetidae. Subgenus of *Moribaetis* Waltz & McCafferty.

**Genus *Mecus* Sellards**

*Mecus* Sellards, 1909:151. Type-species: *Scopus gracilis* Sellards, objective synonymy. Replacement name for *Scopus* Sellards. Protoneismatidae. Synonym of *Protoneisma* Sellards (Tillyard, 1932:244).

**Genus *Megaglena* Peters & Edmunds**

*Megaglena* Peters & Edmunds, 1970:210. Type-species: *Megaglena brincki* Peters & Edmunds, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Melanameletus* Tiensuu**

*Melanameletus* Tiensuu, 1935:15. Type-species: *Melanameletus brunneascens* Tiensuu, monotypy. Ephemerellidae: Ephemerellinae: Ephemerellini: Timpanogae. Synonym of *Eurylophella* Tiensuu (Edmunds & Traver, 1954:238).

**Genus Melanemerella Ulmer**

*Melanemerella* Ulmer, 1920b:43. Type-species: *Melanemerella brasiliiana* Ulmer, original designation. Ephemeraliidae: Melanemerellinae.

**Genus Meridialaris Peters and Edmunds**

*Meridialaris* Peters and Edmunds, 1972:1405. Type-species: *Deleatidium laminatum* Ulmer, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Mesephemera Handlirsch**

*Mesephemera* Handlirsch, 1906:600. Type-species: *Ephemerula procera* Hagen, subsequent designation by Hubbard, 1981:69. Mesephemeridae.

*Mesephemera* is known only from fossils.

**Genus Mesobaetis Brauer, Redtenbacher, & Ganglbauer**

*Mesobaetis* Brauer, Redtenbacher, & Ganglbauer, 1889:5. Type-species: *Mesobaetis sibiricus* Brauer, Redtenbacher, & Ganglbauer, monotypy. Baetidae.

*Mesobaetis* is known only from fossils.

**Genus Mesogenesia Tshernova**

*Mesogenesia* Tshernova, 1977:92. Type-species: *Mesogenesia petersae* Tshernova, original designation. Palingeniidae: Palingeniinae.

*Mesogenesia* is known only from fossils.

**Genus Mesoneta Brauer, Redtenbacher, & Ganglbauer**

*Mesoneta* Brauer, Redtenbacher, & Ganglbauer, 1889:4. Type-species: *Mesoneta antiqua* Brauer, Redtenbacher, & Ganglbauer, monotypy. Leptophlebiidae: Mesonetinae.

*Mesoneta* is known only from fossils.

**Genus Mesonetopsis Ping**

*Mesonetopsis* Ping, 1935:112. Type-species: *Mesonetopsis zingi* Ping, original designation.

Originally proposed as a mayfly, *Mesonetopsis* probably belongs to the Odonata.

**Genus Mesopalingea Whalley & Jarzembowski**

*Mesopalingea* Whalley & Jarzembowski, 1985:384. Type-species:

*Mesopalingea lerida* Whalley & Jarzembowski. Palingeniidae.

*Mesopalingea* is known only from fossils.

**Genus Mesoplectopteron Handlirsch**

*Mesoplectopteron* Handlirsch, 1918:112. Type-species: *Mesoplectopteron longipes* Handlirsch, original designation. Mesoplectopteridae.

*Mesoplectopteron* is known only from fossils.

**Genus Mesoplocia Demoulin**

*Mesoplocia* Demoulin, 1952c:11. Type-species: *Mesoplocia intermedia* Demoulin, original designation. Euthyplociidae: Euthyplociinae.

**Genus Metamonius Eaton**

*Metamonius* Eaton, 1885:208. Type-species: *Siphurus anceps* Eaton, original designation. Siphlonuridae: Siphlonurinae.

**Genus Metreletus Demoulin**

*Metreletus* Demoulin, 1951:10. Type-species: *Metretopus goetghebueri* Lestage, original designation. Siphlonuridae: Siphlonurinae. Synonym of *Ameletus* Eaton (Jacob, 1984:182).

**Genus Metretopus Eaton**

*Metretopus* Eaton, 1901:253. Type-species: *Metretopus norvegicus* Eaton, original designation. Metretopodidae.

**Genus Metreturus Burks**

*Metreturus* Burks, 1953:146. Type-species: *Metreturus pecatonica* Burks, original designation. Siphlonuridae: Acanthametropodinae. Synonym of *Acanthametropus* Tshernova (Edmunds & Allen, 1957: 318).

**Genus Microphlebia Savage & Peters**

*Microphlebia* Savage & Peters, 1983:569. Type-species: *Microphlebia surinamensis* Savage & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Subgenus Minyphlebia Peters & Edmunds**

*Isca (Minyphlebia)* Peters & Edmunds, 1970:217. Type-species: *Isca janiceae* Peters & Edmunds, original designation. Leptophlebiidae: Atalophlebiinae. Subgenus of *Isca* Gillies.

**Genus Miocoenogenia Tshernova**

*Miocoenogenia* Tshernova, 1962:944. Type-species: *Miocoenogenia gorbunovi* Tshernova, original designation. Heptageniidae: Heptageniinae.

*Miocoenogenia* is known only from fossils.

**Genus Mirawara Harker**

*Mirawara* Harker, 1954:261. Type-species: *Mirawara aapta* Harker, original designation. Ameletopsidae: Ameletopsinae.

**Genus Miroculis Edmunds**

*Miroculis* Edmunds, 1963:34. Type-species: *Miroculis rossi* Edmunds, original designation. Leptophlebiidae: Atalophlebiinae.

Four subgenera are recognized: *Miroculis* (s.s.), *Atroari* Savage & Peters, *Ommaethus* Savage & Peters, and *Yaruma* Savage & Peters.

**Genus Miroculitus Savage & Peters**

*Miroculitus* Savage & Peters, 1983:566. Type-species: *Choroterpes emersoni* Needham & Murphy, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Misthodotes Sellards**

*Misthodotes* Sellards, 1909:151. Type-species: *Dromeus obtusus* Sellards, objective synonymy. Misthodotidae. Replacement name for *Dromeus* Sellards. Synonyms *Dromeus* Sellards and *Eudoter* Tillyard.

*Misthodotes* is known only from fossils.

**Genus Mogzonurella Sinitshenkova**

*Mogzonurella* Sinitshenkova, 1985:16. Type species: *Mogzonurella dissimilis* Sinitshenkova, original designation. Oligoneuriidae: Coloburiscinae.

*Mogzonurella* is known only from fossils.

**Genus *Mogzonurus* Sinitshenkova**

*Mogzonurus* Sinitshenkova, 1985:15. Type species: *Mogzonurus elevatus* Sinitshenkova, original designation. Oligoneuriidae: Coloburiscinae.

*Mogzonurus* is known only from fossils.

**Genus *Mongologenites* Sinitshenkova**

*Mongologenites* Sinitshenkova, 1986:45. Type-species: *Mongologenites laqueatus* Sinitshenkova, original designation. Hexagenitidae.

*Mongologenites* is known only from fossils.

**Subgenus *Montobaetis* Kazlauskas**

*Baetis* (*Montobaetis*) Kazlauskas, 1972:338. Not available, Art. 13b, no type designated. Baetidae. Subgenus of *Baetis* Leach.

**Genus *Moribaetis* Waltz & McCafferty**

*Moribaetis* Waltz & McCafferty, 1985:240. Type-species: *Baetis maculipennis* Flowers, original designation. Baetidae.

Two subgenera are recognized: *Moribaetis* (s.s.) and *Mayobaetis* Waltz & McCafferty.

**Genus *Mortogenesia* Lestage**

*Mortogenesia* Lestage, 1923:110. Type-species: *Palingenia mesopotamica* Morton, original designation. Palingeniidae: Palingeniinae.

**Genus *Murphyella* Lestage**

*Murphyella* Lestage, 1930a:439. Type-species: *Murphyella needhami* Lestage, original designation. Oligoneuriidae: Coloburiscinae. Synonym *Dictyosiphlon* Lestage.

**Genus *Mutelocloeon* Gillies & Elouard**

*Mutelocloeon* Gillies & Elouard, 1990:289. Type-species: *Mutelocloeon bihoumi* Gillies & Elouard, original designation. Baetidae.

**Subgenus *Myllonella* Allen**

*Drunella* (*Myllonella*) Allen, 1980:80. Type-species: *Ephemerella coloradensis* Dodds, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae. Subgenus of *Drunella* Needham.

**Genus *Nathanella* Demoulin**

*Nathanella* Demoulin, 1955d:1. Type-species: *Nathanella indica* Demoulin, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Neboissophlebia Dean**

*Neboissophlebia* Dean, 1988:39. Type-species: *Neboissophlebia hamulata* Dean, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Needhamella Dominguez & Flowers**

*Needhamella* Dominguez & Flowers, 1989:568. Type-species: *Thraulus ehrhardti* Ulmer, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Needhamocoenis Lestage**

*Needhamocoenis* Lestage, 1945:85. Type-species: *Caenopsis fugitans* Needham, objective synonymy. Replacement name for *Caenopsis* Needham. Leptohyphidae: Leptohyphinae. Objective synonym of *Tricorythafer* Lestage.

**Subgenus *Neobaetiella* Müller-Liebenau**

*Neobaetiella* Müller-Liebenau, 1985:103. Type-species: *Neobaetiella uenoi* Müller-Liebenau, original designation. Baetidae. Synonym of *Baetis* (*Baetiella*) Uéno (Waltz & McCafferty, 1987d:561).

**Genus *Neobaetis* Navás**

*Neobaetis* Navás, 1924:69. Type-species: *Neobaetis paulinus* Navás, original designation. Baetidae. Synonym of *Callibaetis* Eaton (Edmunds, 1974:289).

**Subgenus *Neochoroterpes* Allen**

*Choroterpes* (*Neochoroterpes*) Allen, 1974:163. Type-species: *Choroterpes mexicanus* Allen, original designation. Leptophlebiidae: Atalophlebiinae. Subgenus of *Choroterpes* Eaton.

**Genus *Neocloeon* Traver**

*Neocloeon* Traver, 1932:365. Type-species: *Neocloeon alamance* Traver, original designation. Baetidae. Synonym of *Cloeon* Leach (Edmunds, Jensen, & Berner, 1976:173).

**Genus *Neoephemera* McDunnough**

*Neoephemera* McDunnough, 1925:168. Type-species: *Neoephemera bicolor* McDunnough, original designation. Neoephemeridae.

Two subgenera are recognized: *Neoephemera* (s.s.) and *Orieanthus* Traver.

**Genus *Neoephemeropsis* Ulmer**

*Neoephemeropsis* Ulmer, 1939:483. Type-species: *Neoephemeropsis caenoides* Ulmer, original designation. Neoephemeridae.

**Genus *Neohagenulus* Traver**

*Neohagenulus* Traver, 1938:8. Type-species: *Neohagenulus julio* Traver, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Neophlebia* Navás**

*Neophlebia* Navás, 1912a:746. Type-species: *Neophlebia garciai* Navás, monotypy. Preoccupied. Oligoneuriidae: Oligoneuriinae. Objective synonym of *Noya* Navás [= *Lachlania* Hagen (Ulmer, 1943:35)].

Navás (1912a) established the new genus *Neophlebia*. In the same paper, recognizing that the generic name *Neophlebia* was preoccupied, he changed the name to *Noya*.

**Genus *Neopotamanthodes* Hsu**

*Neopotamanthodes* Hsu, 1938:221. Type-species: *Neopotamanthodes lanchi* Hsu, original designation. Potamanthidae.

**Genus *Neopotamanthus* Wu & You**

*Neopotamanthus* Wu & You, 1986:401. Type-species: *Neopotamanthus youi* Wu & You, original designation. Potamnithidae.

**Genus *Neozephlebia* Penniket**

*Zephlebia (Neozephlebia)* Penniket, 1961:9. Type-species: *Baetis scita* Walker, original designation. Leptophlebiidae: Atalophlebiinae.  
*Neozephlebia* was originally described as a subgenus of *Zephlebia* Penniket.

**Genus *Nesameletus* Tillyard**

*Nesameletus* Tillyard, 1933:11. Type-species: *Chirotonetes ornatus* Eaton, original designation. Siphlonuridae: Siphlonurinae.

**Genus *Nesophlebia* Peters & Edmunds**

*Nesophlebia* Peters & Edmunds, 1964:248. Type-species: *Nesophlebia adusta* Peters & Edmunds, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Nesoptiloides* Demoulin**

*Nesoptiloides* Demoulin, 1973:2. Type-species: *Nesoptiloides intermedia* Demoulin, original designation. Baetidae.

**Genus *Neurocaenis* Navás**

*Neurocaenis* Navás, 1936:365. Type-species: *Neurocaenis fuscata* Navás, original designation. Tricorythidae: Tricorythinae.

**Subgenus *Nigrobaetis* Kazlauskas**

*Baetis (Nigrobaetis)* Kazlauskas in Novikova & Kluge, 1987:8. Type-species: *Ephemerella nigra* Linnaeus, original designation. Baetidae. Subgenus of *Baetis* Leach.

*Nigrobaetis* was originally proposed as a genus without a designated type-species (nomen nudum) by Kazlauskas in 1972 (p:338).

**Genus *Nirvius* Navás**

*Nirvius* Navás, 1922a:56. Type-species: *Nirvius punctatus* Navás, original designation. Ephemeridae. Synonym of *Ephemerella* Linnaeus (Lestage, 1922:253).

**Genus *Nixe* Flowers**

*Nixe* Flowers, 1980:299. Type-species: *Ecdyonurus lucidipennis* Clemens, original designation. Heptageniidae: Heptageniinae. Synonym of *Ecdyonurus* Eaton (Tshernova et al., 1986:114).

**Genus *Notacanthurus* Tshernova**

*Notacanthurus* Tshernova, 1974:812. Type-species: *Ecdyonurus zhiltzovae* Tshernova, original designation. Heptageniidae: Heptageniinae. Synonym of *Ecdyonurus* Eaton (Tshernova et al., 1986:114).

**Genus *Notachalcus* Peters & Peters**

*Notachalcus* Peters & Peters, 1981a:233. Type-species: *Notachalcus corbassoni* Peters & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Subgenus *Notachora* Pescador & Peters**

*Homoeoneuria (Notachora)* Pescador & Peters, 1980a:385. Type-species: *Homoeoneuria fittkauui* Pescador & Peters, original designation. Oligoneuriidae: Oligoneuriinae. Subgenus of *Homoeoneuria* Eaton.

**Subgenus *Notobaetis* Morihara & Edmunds**

*Notobaetis* Morihara & Edmunds, 1980:606. Type-species: *Notobaetis penai* Morihara & Edmunds, original designation. Baetidae. Subgenus of *Cloeodes* Traver.

*Notobaetis* has been treated as a synonym of *Cloeodes* Traver.

**Genus *Notonurus* Crass**

*Notonurus* Crass, 1947a:126. Type-species: *Notonurus cooperi* Crass, original designation. Heptageniidae: Heptageniinae. Synonym of *Compsoneria* Eaton (Gillies, 1984:21; Braasch & Soldán, 1986a:46).

*Notonurus* was synonymized by Gillies (1984) with *Compsoneria* Ulmer which is a synonym of *Compsoneria* Eaton (Braasch & Soldán, 1986a).

**Genus *Notophlebia* Peters & Edmunds**

*Notophlebia* Peters & Edmunds, 1970:213. Type-species: *Notophlebia hyalina* Peters & Edmunds, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Nousia* Navás**

*Nousia* Navás, 1918:213. Type-species: *Nousia delicata* Navás, original designation. Leptophlebiidae: Atalophlebiinae. Synonym *Atalonella* Needham & Murphy.

**Genus *Noya* Navás**

*Noya* Navás, 1912a:746. Type-species: *Neophlebia garciae* Navás, objective synonymy. Replacement name for *Neophlebia* Navás. Oligoneuriidae: Oligoneuriinae. Synonym of *Lachlania* Hagen (Ulmer, 1943:35).

**Genus *Noyopsis* Navás**

*Noyopsis* Navás, 1924:70. Type-species: *Noyopsis fusca* Navás, original designation. Oligoneuriidae: Oligoneuriinae. Synonym of *Lachlania* Hagen (Ulmer, 1943:35).

**Genus *Nyungara* Dean**

*Nyungara* Dean, 1987:91. Type-species: *Nyungara bunni* Dean, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Oboriphlebia* Hubbard & Kukalová-Peck**

*Oboriphlebia* Hubbard & Kukalová-Peck, 1980:29. Type-species: *Kukalova moravica* Demoulin, original designation. *Oboriphlebiidae*.

*Oboriphlebia* is known only from fossils.

**Genus *Olgisca* Demoulin**

*Olgisca* Demoulin, 1970c:6. Type-species: *Paedephemera schwertschlageri* Handlirsch, original designation. *Siphlonuridae*: *Siphlonurinae*.

*Olgisca* is known only from fossils.

**Genus *Oligoneuria* Pictet**

*Oligoneuria* Pictet, 1843:288. Type-species: *Oligoneuria anomala* Pictet, monotypy. *Oligoneuriidae*: *Oligoneuriinae*.

**Genus *Oligoneuriella* Ulmer**

*Oligoneuriella* Ulmer, 1924a:31. Type-species: *Oligoneuria rhenana* Imhoff, original designation. *Oligoneuriidae*: *Oligoneuriinae*.

**Genus *Oligoneurioides* Demoulin**

*Oligoneurioides* Demoulin, 1955a:24. Type-species: *Oligoneurioides amazonicus* Demoulin, original designation. *Oligoneuriidae*: *Oligoneuriinae*.

**Genus *Oligoneuriopsis* Crass**

*Oligoneuriopsis* Crass, 1947b:52. Type-species: *Oligoneuriopsis lawrencei* Crass, monotypy. *Oligoneuriidae*: *Oligoneuriinae*.

**Genus *Oligoneurisca* Lestage**

*Oligoneurisca* Lestage, 1938b:318. Type-species: *Oligoneuriella borysthenica* Tshernova, monotypy. *Oligoneuriidae*: *Oligoneuriinae*.

**Genus *Oligophlebia* Demoulin**

*Oligophlebia* Demoulin, 1965a:146. Type-species: *Oligophlebia calliarcys* Demoulin, original designation. *Leptophlebiidae*: *Leptophlebiinae*. Synonym of *Paraleptophlebia* Lestage (Demoulin, 1970a:11).

**Subgenus *Ommaethus* Savage & Peters**

*Miroculis* (*Ommaethus*) Savage & Peters, 1983:559. Type-species: *Miroculis mourei* Savage & Peters, original designation. *Leptophlebiidae*: *Atalophlebiinae*. Subgenus of *Miroculis* Edmunds.

**Genus *Oniscigaster* McLachlan**

*Oniscigaster* McLachlan, 1873:109. Type-species: *Oniscigaster wakefieldi* McLachlan, monotypy. Oniscigastridae.

**Genus *Ophelmatostoma* Waltz & McCafferty**

*Ophelmatostoma* Waltz & McCafferty, 1987a:96. Type-species: *Ophelmatostoma kimminsi* Waltz & McCafferty, original designation. Baetidae.

**Genus *Ordella* Campion**

*Ordella* Campion, 1923:518. Type-species: *Caenis macrura* Stephens, original designation. Caenidae. Objective synonym of *Caenis* Stephens.

**Subgenus *Oreianthus* Traver**

*Oreianthus* Traver, 1931:104. Type-species: *Oreianthus purpureus* Traver, original designation. Neoephemeridae. Subgenus of *Neoephemera* McDunnough.

*Oreianthus* has been treated as a synonym of *Neoephemera* McDunnough.

**Genus *Ororotsia* Traver**

*Ororotsia* Traver, 1939:33. Type-species: *Ororotsia hutchinsoni* Traver, original designation. Heptageniidae: Heptageniinae.

**Genus *Ounia* Peters & Peters**

*Ounia* Peters & Peters, 1981a:240. Type-species: *Ounia loisoni* Peters & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Oxycypha* Burmeister**

*Oxycypha* Burmeister, 1839:796. Type-species: *Oxycypha luctuosa* Burmeister, subsequent designation by Jacob, 1974:96. Caenidae. Synonym of *Caenis* Stephens (Jacob, 1974:96).

*Oxycypha* has been treated as a synonym of *Brachycercus* Curtis.

**Genus *Paedephemera* Handlirsch**

*Paedephemera* Handlirsch, 1906:601. Type-species: *Ephemera multinervosa* Oppenheim, subsequent designation by Demoulin, 1954e:571. Hexagenitidae. Synonym of *Hexagenites* Scudder (Demoulin, 1970c:5).

**Genus Paegniodes Eaton**

*Paegniodes* Eaton, 1881b:23. Type-species: *Heptagenia cupulata* Eaton, original designation. Heptageniidae: Heptageniinae.

**Genus Palaeobaetodes Brito**

*Palaeobaetodes* Brito, 1987:594. Type-species: *Palaeobaetodes costalimai* Brito, original designation. Baetidae.

**Genus Paleoameletus Lestage**

*Paleoameletus* Lestage, 1940:124. Type-species: *Ameletus primitivus* Traver, original designation. Siphlonuridae: Siphlonurinae. Synonym of *Ameletus* Eaton (Edmunds & Traver, 1954:237).

**Genus Pchinephemera Lin**

*Pchinephemera* Lin, 1986:26. Type-species: *Pchinephemera densivena* Lin, original designation. Mesephemeridae.

*Pchinephemera* is known only from fossils.

**Genus Palingenia Burmeister**

*Palingenia* Burmeister, 1839:802. Type-species: *Ephemera longicauda* Olivier [as Swammerdam], subsequent designation by Hagen in Walsh, 1863a:173. Palingeniidae: Palingeniinae.

**Genus Palingeniopsis Martynov**

*Palingeniopsis* Martynov, 1932:10. Type-species: *Palingeniopsis praecox* Martynov, original designation. Mesephemeridae.

*Palingeniopsis* is known only from fossils.

**Genus Palmenia Aro**

*Palmenia* Aro, 1910:28. Type-species: *Palmenia fennica* Aro, monotypy. Siphlonuridae: Siphlonurinae. Synonym of *Parameletus* Bengtsson (Bengtsson, 1930:13; see Hubbard, 1977:409).

**Genus Papposa Peters & Peters**

*Papposa* Peters & Peters, 1981b:250. Type-species: *Papposa hirsuta* Peters & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Parabaetis* Haupt**

*Parabaetis* Haupt, 1956:32. Type-species: *Parabaetis eocaenicus* Haupt, original designation. Ephemeridae.

*Parabaetis* is known only from fossils.

**Genus *Paracinygmula* Bajkova**

*Paracinygmula* Bajkova, 1975:54. Type-species: *Paracinygmula zhilzovae* Bajkova, original designation. Heptageniidae: Heptageniinae. Synonym of *Ecdyonurus* Eaton (Tshernova, 1978:541).

**Genus *Paracloeodes* Day**

*Paracloeodes* Day, 1955:121. Type-species: *Paracloeodes abditus* Day, original designation. Baetidae.

**Genus *Paraleptophlebia* Lestage**

*Paraleptophlebia* Lestage, 1917:340. Type-species: *Ephemera cincta* Retzius, subsequent designation by Lestage, 1924b:42. Leptophlebiidae: Leptophlebiinae. Synonym *Oligophlebia* Demoulin.

**Genus *Parameletus* Bengtsson**

*Parameletus* Bengtsson, 1908:242. Type-species: *Parameletus chelifer* Bengtsson, monotypy. Siphlonuridae: Siphlonurinae. Synonyms *Eatonia* Bengtsson [not available], *Palmenia* Aro, *Potameis* Bengtsson, *Siphlonuroides* McDunnough, and *Sparrea* Esben-Petersen.

*Parameletus* was originally proposed as a *nomen nudum* by Bengtsson (1904:131).

**Subgenus *Parastenacron* Kluge**

*Heptagenia* (*Parastenacron*) Kluge in Braasch & Soldán, 1988:119. Type-species: *Ephemera fuscogrisea* Retzius, monotypy. Heptageniidae: Heptageniinae. Not available. Subgenus of *Heptagenia* Walsh.

*Heptagenia* (*Parastenacron*) is not available because it was published without an associated description.

**Genus *Peloracantha* Peters & Peters**

*Peloracantha* Peters & Peters, 1980:70. Type-species: *Peloracantha titan* Peters & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Penaphlebia Peters & Edmunds**

*Penaphlebia* Peters & Edmunds, 1972:1399. Type-species: *Atalophlebia chilensis* Eaton, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Penniketellus Towns & Peters**

*Penniketellus* Towns & Peters, 1979b:449. Type-species: *Penniketellus insolitus* Towns & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Pentagenia Walsh**

*Pentagenia* Walsh, 1863a:196. Type-species: *Palingenia vittigera* Walsh, subsequent designation by Eaton, 1868a:85. Palingeniidae: Pentageniinae.

**Genus Perissophlebia Savage**

*Perissophlebia* Savage, 1982:209. Type-species: *Perissophlebia flinti* Savage, original designation. Preoccupied. Leptophlebiidae: Atalophlebiinae. Objective synonym of *Perissophlebiodes* Savage.

**Genus Perissophlebiodes Savage**

*Perissophlebiodes* Savage, 1983:204. Type-species: *Perissophlebia flinti* Savage, objective synonymy. Leptophlebiidae: Atalophlebiinae. Replacement name for *Perissophlebia* Savage.

**Genus Petersophlebia Demoulin**

*Petersophlebia* Demoulin, 1973:12. Type-species: *Petersophlebia insularis* Demoulin, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Petersula Sivaramakrishnan**

*Petersula* Sivaramakrishnan, 1984:194. Type-species: *Petersula courtallensis* Sivaramakrishnan, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus Phacelobranchus Handlirsch**

*Phacelobranchus* Handlirsch, 1906:604. Type-species: *Phacelobranchus braueri* Handlirsch, monotypy. Hexagenitidae. Synonym of *Ephemeropsis* Eichwald (Tshernova, 1961:861).

**Genus *Philolimnias* Hong**

*Philolimnias* Hong, 1979:336. Type-species: *Philolimnias sinica* Hong, original designation. Family incertus.

*Philolimnias* is known only from fossils.

**Genus *Phtartus* Handlirsch**

*Phtartus* Handlirsch, 1904:6. Type-species: *Phtartus rossicus* Handlirsch, original designation. Protereismatidae.

*Phtartus* is known only from fossils.

**Genus *Pinctodia* Sellards**

*Pinctodia* Sellards, 1907:352. Type-species: *Pinctodia curta* Sellards, original designation. Protereismatidae. Synonym of *Prottereisma* Sellards (Tillyard, 1932:244).

**Genus *Platybaetis* Müller-Liebenau**

*Platybaetis* Müller-Liebenau, 1980:104. Type-species: *Platybaetis edmundsi* Müller-Liebenau, original designation. Baetidae.

**Genus *Plethogenesia* Ulmer**

*Plethogenesia* Ulmer, 1920a:102. Type-species: *Palingenia papuana* Eaton, monotypy. Palingeniidae: Palingeniinae. Synonym *Tritogenesia* Lestage.

**Genus *Polymitarcys* Eaton**

*Polymitarcys* Eaton, 1868a:84. Type-species: *Ephemera virgo* Olivier, original designation. Polymitarcyidae: Polymitarcynae. Synonym of *Ephoron* Williamson (Spieth, 1940:109).

**Genus *Polyplocia* Lestage**

*Polyplocia* Lestage, 1921:212. Type-species: *Polyplocia vitalisi* Lestage, original designation. Euthyplociidae: Euthyplociinae.

*Polyplocia* was described as a new genus a second time by Lestage (1924a:80).

**Genus *Polythelais* Demoulin**

*Polythelais* Demoulin, 1973:15. Type-species: *Polythelais digitata* Demoulin, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Potamanthellus* Lestage**

*Potamanthellus* Lestage, 1931a:120. Type-species: *Potamanthellus horai* Lestage, original designation. Neoephemeridae. Synonym *Rhoenanthodes* Lestage.

**Genus *Potamanthindus* Lestage**

*Potamanthindus* Lestage, 1931a:123. Type-species: *Potamanthindus auratus* Lestage, original designation. Potamanthidae.

**Genus *Potamanthodes* Ulmer**

*Potamanthodes* Ulmer, 1920b:11. Type-species: *Potamanthus formosus* Eaton, original designation. Potamanthidae.

**Genus *Potamanthus* Pictet**

*Potamanthus* Pictet, 1843:197. Type-species: *Ephemera lutea* Linnaeus, subsequent designation by Eaton, 1868a:86. Potamanthidae. Synonym *Eucharidis* Joly & Joly.

**Genus *Potameis* Bengtsson**

*Potameis* Bengtsson, 1909:13. Type-species: *Potameis elegans* Bengtsson, subsequent designation by Hubbard, 1979a:412. Siphlonuridae: Siphlonurinae. Synonym of *Parameletus* Bengtsson (Bengtsson, 1930:13).

**Genus *Povilla* Navás**

*Povilla* Navás, 1912c:402. Type-species: *Povilla adusta* Navás, original designation. Polymitarcyidae: Asthenopodinae.

Two subgenera are recognized: *Povilla* (s.s.) and *Languidipes* Hubbard.

**Genus *Poya* Peters & Peters**

*Poya* Peters & Peters, 1980:65. Type-species: *Poya brunnea* Peters & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Subgenus *Prionodes* Kondrateff & Voshell**

*Isonychia* (*Prionodes*) Kondrateff & Voshell, 1983:129. Type-species: *Isonychia georgiae* McDunnough, original designation. Oligoneuriidae: Isonychiinae. Subgenus of *Isonychia* Eaton.

**Genus *Proameletus* Sinitshenkova**

*Proameletus* Sinitshenkova, 1976:86. Type-species: *Proameletus caudatus* Sinitshenkova, original designation. Siphlonuridae: Siphlonurinae.

*Proameletus* is known only from fossils.

**Genus *Proboscidoplocia* Demoulin**

*Proboscidoplocia* Demoulin, 1966b:946. Type-species: *Euthyplocia sikorai* Vayssi  re, original designation. Euthyplociidae: Euthyplociinae.

**Genus *Procloeon* Bengtsson**

*Procloeon* Bengtsson, 1915:34. Type-species: *Cloeon bifidum* Bengtsson, objective synonymy. Baetidae. Replacement name for *Pseudocloeon* Bengtsson.

*Procloeon* has been treated as both a synonym and a subgenus of *Baetis* Leach

**Genus *Procloeon* Matsumura**

*Procloeon* Matsumura, 1931:1472. Not available, Art. 13b, no type designated. Preoccupied. Baetidae. Synonym of *Promatsumura* Hubbard (Hubbard, 1988:240).

**Genus *Prodromites* Cockerell**

*Prodromites* Cockerell, 1924:136. Type-species: *Prodromus rectus* Sellards, objective synonymy. Replacement name for *Prodromus* Sellards. Prottereismatidae. Synonym of *Prottereisma* Sellards (Tillyard, 1932:244).

**Genus *Prodromus* Sellards**

*Prodromus* Sellards, 1907:349. Type-species: *Prodromus rectus* Sellards, original designation. Preoccupied. Prottereismatidae. Objective synonym of *Prodromites* Cockerell [= *Prottereisma* Sellards (Tillyard, 1932:244)].

**Genus *Promatsumura* Hubbard**

*Promatsumura* Hubbard, 1988:240. Type-species: *Procloeon nipponicum* Matsumura, original designation. Replacement name for *Procloeon* Matsumura [not available].

**Genus Promirara Jell & Duncan**

*Promirara* Jell & Duncan, 1986:116. Type-species: *Promirara cephalota* Jell & Duncan, original designation. Siphlonuridae.

*Promirara* is known only from fossils.

**Genus Propalingenia Handlirsch**

*Propalingenia* Handlirsch, 1906:86. Type-species: *Palingenia feistmantelli* Fritsch, monotypy.

Originally proposed as an Ephemeroptera, *Propalingenia* belongs in the Paleodictyoptera.

**Genus Prosopistoma Latreille**

*Prosopistoma* Latreille, 1833:33. Type-species: *Prosopistoma variegatum* Latreille, subsequent designation by Eaton, 1884:150. Prosopistomatidae. Synonyms *Binoculis* Geoffroy [not available] and *Chelysenton* Joly & Joly.

**Genus Protechma Sellards**

*Protechma* Sellards, 1907:349. Type-species: *Protechma acuminatum* Sellards, original designation. Prottereismatidae. Synonym of *Prottereisma* Sellards (Tillyard, 1932:244).

**Genus Prottereisma Sellards**

*Prottereisma* Sellards, 1907:347. Type-species: *Prottereisma permianum* Sellards, original designation. Prottereismatidae. Synonyms *Bantiska* Sellards, *Loxophlebia* Martynov, *Mecus* Sellards, *Pinctodia* Sellards, *Prodromites* Cockerell, *Prodromus* Sellards, *Protechma* Sellards, *Recter* Sellards, *Rekter* Sellards, and *Scopus* Sellards.

*Prottereisma* is known only from fossils.

**Genus Protobehningia Tshernova**

*Protobehningia* Tshernova in Tshernova & Bajkova, 1960:411. Type-species: *Protobehningia asiatica* Tshernova, original designation. Behningiidae.

**Genus Protoligoneuria Demoulin**

*Protoligoneuria* Demoulin, 1955g:271. Type-species: *Protoligoneuria limai* Demoulin, original designation. Oligoneuriidae: Oligoneuriinae.

*Protoligoneuria* is known only from fossils.

**Subgenus Psammonella Glazaczow**

*Pseudocentroptiloides* (*Psammonella*) Glazaczow in Jacob & Glazaczow, 1986:203. Type-species: *Pseudocentroptiloides ceylonica* Glazaczow, original designation. Subgenus of *Pseudocentroptiloides* Jacob. Baetidae.

**Subgenus Pseudeatonica Spieth**

*Hexagenia* (*Pseudeatonica*) Spieth, 1941:269. Type-species: *Hexagenia mexicana* Eaton, original designation. Ephemeridae. Subgenus of *Hexagenia* Walsh.

*Pseudeatonica* has been treated as a subgenus of *Eatonica* Navás.

**Genus Pseudiron McDunnough**

*Pseudiron* McDunnough, 1931:91. Type-species: *Pseudiron centralis* McDunnough, original designation. Heptageniidae: Anepeorinae.

**Genus Pseudocaenis Soldán**

*Pseudocaenis* Soldán, 1978:124. Type-species: *Pseudocaenis queenslandica* Soldán, original designation. Caenidae. Synonym of *Tasmanocoenis* Lestage (Suter, 1984:105).

**Genus Pseudocentroptiloides Jacob**

*Pseudocentroptiloides* Jacob in Jacob & Glazaczow, 1986:198. Type-species: *Pseudocentroptilum shadini* Kazlauskas, original designation. Baetidae.

Two subgenera are recognized: *Pseudocentroptiloides* (s.s.) and *Psammonella* Glazaczow.

**Genus Pseudocentroptilum Bogoesco**

*Pseudocentroptilum* Bogoesco, 1947:602. Type-species: *Pseudocentroptilum motasi* Bogoesco, monotypy. Baetidae. Synonym *Cloeoptilum* Kazlauskas [not available].

**Genus Pseudocloeon Klapálek**

*Pseudocloeon* Klapálek, 1905:105. Type-species: *Pseudocloeon kraepelini* Klapálek, monotypy. Baetidae.

**Genus Pseudocloeon Bengtsson**

*Pseudocloeon* Bengtsson, 1914:218. Type-species: *Cloeon bifidum* Bengtsson, original designation. Preoccupied. Baetidae. Objective synonym of *Procloeon* Bengtsson (Bengtsson, 1915:34).

**Genus *Pseudocloeon* Matsumura**

*Pseudocloeon* Matsumura, 1931:1473. Type-species: *Pseudocloeon aino* Matsumura, monotypy. Preoccupied. Baetidae. Objective synonym of *Matsumuracloeon* Hubbard (Hubbard, 1989:388).

**Genus *Pseudoligoneuria* Ulmer**

*Pseudoligoneuria* Ulmer, 1939:540. Type-species: *Pseudoligoneuria feuerborni* Ulmer, original designation. Oligoneuriidae: Chromarcyniae. Synonym of *Chromarcys* Navás (Demoulin, 1967:4).

**Genus *Pseudopaltingenia* Handlirsch**

*Pseudopaltingenia* Handlirsch, 1906:124. Type-species: *Palingenia feistmantelli* Handlirsch, original designation.

Originally proposed as an Ephemeroptera, *Pseudopaltingenia* belongs to the Paleodictyoptera.

**Genus *Pseudopannota* Waltz & McCafferty**

*Pseudopannota* Waltz & McCafferty, 1987a:95. Type-species: *Pseudocloeon bertrandi* Demoulin, original designation. Baetidae.

**Subgenus *Pseudulmeritus* Traver**

*Ulmeritus* (*Pseudulmeritus*) Traver, 1959:7. Type-species: *Thraulodes flavopedes* Spieth, original designation. Leptophlebiidae: Atalophlebiinae. Subgenus of *Ulmeritus* Traver.

**Genus *Rallidens* Penniket**

*Rallidens* Penniket, 1966:164. Type-species: *Rallidens mcfarlanei* Penniket, original designation. Siphlonuridae: Rallidentinae.

**Subgenus *Raptobaetopus* Müller-Liebenau**

*Raptobaetopus* Müller-Liebenau, 1978:470. Type-species: *Raptobaetopus orientalis* Müller-Liebenau, original designation. Baetidae. Subgenus of *Baetopus* Keffermüller.

**Genus *Raptoheptagenia* Whiting & Lehmkühl**

*Raptoheptagenia* Whiting & Lehmkühl, 1987a:405. Type-species: *Heptagenia cruentata* Walsh, original designation. Heptageniidae: Heptageniinae.

**Genus *Recter* Sellards**

*Recter* Sellards, 1909:151. Type-species: *Rekter arcuatus* Sellards, objective synonymy. Replacement name for *Rekter* Sellards. Prottereismatidae. Synonym of *Prottereisma* Sellards (Tillyard, 1932:244).

**Genus *Rekter* Sellards**

*Rekter* Sellards, 1907:349. Type-species: *Rekter arcuatus* Sellards, original designation. Prottereismatidae. Objective synonym of *Recter* Sellards [= *Prottereisma* Sellards (Tillyard, 1932:244)].

**Genus *Remipalpus* Bengtsson**

*Remipalpus* Bengtsson, 1908:242. Type-species: *Remipalpus elegans* Bengtsson, monotypy. Heptageniidae: Arthropleinae. Synonym of *Arthroplea* Bengtsson (Bengtsson, 1930:27).

**Genus *Rheobaetis* Müller-Liebenau**

*Rheobaetis* Müller-Liebenau, 1974:555. Type-species: *Rheobaetis petersi* Müller-Liebenau, original designation. Baetidae. Synonym of *Heterocloeon* McDunnough (McCafferty & Provansha, 1975:124).

**Genus *Rhigotopus* Pescador & Peters**

*Rhigotopus* Pescador & Peters, 1982:4. Type-species: *Rhigotopus andinensis* Pescador & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Subgenus *Rhionella* Allen**

*Cinctocostella (Rhionella)* Allen, 1980:83. Type-species: *Ephemerella insolta* Allen, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae. Subgenus of *Cincticostella* Allen.

**Genus *Rhithrocloeon* Gillies**

*Rhithrocloeon* Gillies, 1985:13. Type-species: *Cloeon permirum* Kopelke, original designation. Baetidae.

**Genus *Rhithrogena* Eaton**

*Rhithrogena* Eaton, 1881b:23. Type-species: *Baetis semicoloratus* Curtis, original designation. Heptageniidae: Heptageniinae.

**Genus Rhithrogeniella Ulmer**

*Rhithrogeniella* Ulmer, 1939:575. Type-species: *Rhithrogeniella ornata* Ulmer, original designation. Heptageniidae: Heptageniinae.

**Subgenus *Rhodobaetis* Kazlauskas**

*Baetis* (*Rhodobaetis*) Kazlauskas, 1972:338. Not available, Art. 13b, no type designated. Baetidae. Subgenus of *Baetis* Leach.

**Genus *Rhoenanthodes* Lestage**

*Rhoenanthodes* Lestage, 1931a:136. Type-species: *Rhoenanthus amabilis* Eaton, original designation. Neoephemeridae. Synonym of *Potamanthellus* Lestage (Hsu, 1937:137).

**Genus *Rhoenanthopsis* Ulmer**

*Rhoenanthopsis* Ulmer, 1932:212. Type-species: *Rhoenanthus magnificus* Ulmer, original designation. Potamanthidae.

**Genus *Rhoenanthus* Eaton**

*Rhoenanthus* Eaton, 1881a:192. Type-species: *Rhoenanthus speciosus* Eaton, original designation. Potamanthidae.

**Genus *Scopus* Sellards**

*Scopus* Sellards, 1907:352. Type-species: *Scopus gracilis* Sellards, original designation. Prottereismatidae. Objective synonym of *Mecus* Sellards [= *Prottereisma* Sellards (Tillyard, 1932:244)].

**Genus *Secochela* Pescador & Peters**

*Secochela* Pescador & Peters, 1982:7. Type-species: *Secochela illiesi* Pescador & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Serratella* Edmunds**

*Ephemerella* (*Serratella*) Edmunds, 1959:544. Type-species: *Ephemerella serrata* Morgan, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae.

*Serratella* was originally proposed as a subgenus of *Ephemerella* Walsh.

**Genus *Siberiogenites* Sinitshenkova**

*Siberiogenites* Sinitshenkova, 1985:20. Type species: *Siberiogenites angustatus* Sinitshenkova, original designation. Hexagenitidae.

*Siberiogenites* is known only from fossils. It was originally proposed as a *nomen nudum* by Sinitshenkova (1984:63).

### Genus *Sigmoneuria* Demoulin

*Sigmoneuria* Demoulin, 1964b:353. Type-species: *Sigmoneuria amseli* Demoulin, original designation. Heptageniidae: Heptageniinae. Synonym of *Heptagenia* Walsh (Kluge, 1987:314.)

### Genus *Simothraulopsis* Demoulin

*Simothraulopsis* Demoulin, 1966a:15. Type-species: *Simothraulopsis surinamensis* Demoulin, original designation. Leptophlebiidae: Atalophlebiinae.

### Genus *Simothraulus* Ulmer

*Simothraulus* Ulmer, 1939:508. Type-species: *Simothraulus seminiger* Ulmer, original designation. Leptophlebiidae: Atalophlebiinae.

### Genus *Sinoephemera* Ping

*Sinoephemera* Ping, 1935:111. Type-species: *Sinoephemera kingi* Ping, original designation.

Originally proposed as an Ephemeroptera, *Sinoephemera* probably belongs in the Plecoptera.

### Genus *Siphlaenigma* Penniket

*Siphlaenigma* Penniket, 1962:389. Type-species: *Siphlaenigma janae* Penniket, original designation. Siphlaenigmatidae.

### Genus *Siphlonella* Needham & Murphy

*Siphlonella* Needham & Murphy, 1924:30. Type-species: *Siphlonella ventilans* Needham & Murphy, monotypy. Oniscigastridae.

### Genus *Siphlonisca* Needham

*Siphlonisca* Needham, 1909:72. Type-species: *Siphlonisca aerodromia* Needham, original designation. Siphlonuridae: Siphlonurinae.

### Genus *Siphlonuroides* McDunnough

*Siphlonuroides* McDunnough, 1923:48. Type-species: *Siphlonuroides croesus* McDunnough, original designation. Siphlonuridae: Siphlonurinae. Synonym of *Parameletus* Bengtsson (McDunnough, 1932:81).

**Genus *Siphlonurus* Eaton**

*Siphlonurus* Eaton, 1868a:89. Type-species: *Baetis flavidus* Pictet, original designation. Siphlonuridae: Siphlonurinae. Synonyms *Andromina* Navás and *Siphlurus* Eaton.

Two subgenera are recognized: *Siphlonurus* (s.s.) and *Siphlurella* Bengtsson.

**Genus *Siphloplecton* Clemens**

*Siphloplecton* Clemens, 1915:258. Type-species: *Siphlurus flexus* Clemens, original designation. Metretopodidae.

**Subgenus *Siphlurella* Bengtsson**

*Siphlurella* Bengtsson, 1909:11. Type-species: *Siphlurella thomsoni* Bengtsson, subsequent designation by Hubbard, 1979a:412. Siphlonuridae: Siphlonurinae. Subgenus of *Siphlonurus* Eaton.

*Siphlurella* has been treated as a synonym of *Siphlonurus* Eaton.

**Genus *Siphluriscus* Ulmer**

*Siphluriscus* Ulmer, 1920b:61. Type-species: *Siphluriscus chinensis* Ulmer, original designation. Siphlonuridae: Acanthametropodinae.

**Genus *Siphlurites* Cockerell**

*Siphlurites* Cockerell, 1923:170. Type-species: *Siphlurites explanatus* Cockerell, original designation. Oligoneuriidae: Coloburiscinae.

*Siphlurites* is known only from fossils.

**Genus *Siphlurus* Eaton**

*Siphlurus* Eaton, 1871:125. Type-species: *Baetis flavidus* Pictet, objective synonymy. Unnecessary replacement name for *Siphlonurus* Eaton. Siphlonuridae: Siphlonurinae. Objective synonym of *Siphlonurus* Eaton.

**Genus *Spaniophlebia* Eaton**

*Spaniophlebia* Eaton, 1881a:191. Type-species: *Spaniophlebia trailae* Eaton, original designation. Oligoneuriidae: Oligoneuriinae.

**Genus *Sparrea* Esben-Petersen**

*Sparrea* Esben-Petersen, 1909:554. Type-species: *Sparrea norvegica* Esben-Petersen, monotypy. Siphlonuridae: Siphlonurinae. Synonym of *Parameletus* Bengtsson (Bengtsson, 1930:13).

**Genus *Spinadis* Edmunds & Jensen**

*Spinadis* Edmunds & Jensen, 1974:495. Type-species: *Spinadis wallacei* Edmunds & Jensen, original designation. Heptageniidae: Anepeorinae. Synonym of *Anepeorus* McDunnough (McCafferty & Provansha, 1988:15).

**Genus *Stackelbergisca* Tshernova**

*Stackelbergisca* Tshernova, 1967:323. Type-species: *Stackelbergisca sibirica* Tshernova, original designation. Siphlonuridae: Acanthametropodinae.

*Stackelbergisca* is known only from fossils.

**Genus *Stenacron* Jensen**

*Stenacron* Jensen, 1974:225. Type-species: *Baetis interpunctatus* Say, original designation. Heptageniidae: Heptageniinae.

**Genus *Stenodicranum* Demoulin**

*Stenodicranum* Demoulin, 1954e:571. Type-species: *Ephemera cellulosa* Hagen, original designation. Hexagenitidae. Synonym of *Hexagenites* Scudder (Demoulin, 1970c:7).

**Genus *Stenonema* Traver**

*Stenonema* Traver, 1933:113. Type-species: *Heptagenia tripunctata* Banks, original designation. Heptageniidae: Heptageniinae.

Two subgenera are recognized: *Stenonema* (s.s.) and *Maccaffertium* Bednarik.

**Genus *Succinogenia* Demoulin**

*Succinogenia* Demoulin, 1965a:151. Type-species: *Succinogenia larssoni* Demoulin, original designation. Heptageniidae: Heptageniinae.

*Succinogenia* is known only from fossils.

**Genus *Sulawesia* Peters & Edmunds**

*Sulawesia* Peters & Edmunds, 1990:327. Type-species: *Sulawesia haema* Peters & Edmunds, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Symbiocloeon* Müller-Liebenau**

*Symbiocloeon* Müller-Liebenau in Müller-Liebenau & Heard, 1979:57. Type-species: *Symbiocloeon heardi* Müller-Liebenau, original designation. Baetidae.

**Genus Syntonoptera Handlirsch**

*Syntonoptera* Handlirsch, 1911:299. Type species: *Syntonoptera schucherti* Handlirsch, monotypy. Syntonopteridae.

*Syntonoptera* is known only from fossils.

**Subgenus Takobia Novikova & Kluge**

*Baetis* (*Takobia*) Novikova & Kluge, 1987:10. Type-species: *Centroptilum maxillare* Braasch & Soldán, original designation. Baetidae. Subgenus of *Baetis* Leach.

**Subgenus Tanycola Peters & Edmunds**

*Isca* (*Tanycola*) Peters & Edmunds, 1970:219. Type-species: *Isca serendiba* Peters & Edmunds, original designation. Leptophlebiidae: Atalophlebiinae. Subgenus of *Isca* Gillies.

**Genus Tasmanocoenis Lestage**

*Tasmanocoenis* Lestage, 1931c:53. Type-species: *Tasmanocoenis tonnoiri* Lestage, original designation. Caenidae. Synonym *Pseudocaenis* Soldán.

**Genus Tasmanophlebia Tillyard**

*Tasmanophlebia* Tillyard, 1921:410. Type-species: *Tasmanophlebia lacustris* Tillyard, original designation. Oniscigastridae. Synonym *Tasmanophlebiodes* Lestage.

**Genus Tasmanophlebiodes Lestage**

*Tasmanophlebiodes* Lestage, 1935:351. not available, Art. 13b, no type designated. Oniscigastridae. Synonym of *Tasmanophlebia* Tillyard (Riek, 1955:268).

**Genus Teloganella Ulmer**

*Teloganella* Ulmer, 1939:516. Type-species: *Teloganella umbrata* Ulmer, original designation. Ephemerellidae: Teloganodinae.

**Genus Teloganodes Eaton**

*Teloganodes* Eaton, 1882:208. Type-species: *Cloe tristis* Hagen, original designation. Ephemerellidae: Teloganodinae.

### Genus *Teloganopsis* Ulmer

*Teloganopsis* Ulmer, 1939:513. Type-species: *Teloganopsis media* Ulmer, original designation. Ephemerallidae: Ephemerallinae: Ephemerallini: Ephemeralliae.

*Teloganopsis* has been treated as a subgenus of *Ephemerella* Walsh.

### Subgenus *Terama* Towns

*Zephlebia* (*Terama*) Towns, 1983:18. Type-species: *Atalophlebia borealis* Phillips, original designation. Leptophlebiidae: Atalophlebiinae. Subgenus of *Zephlebia* Penniket.

### Genus *Terpides* Demoulin

*Terpides* Demoulin, 1966a:15. Type-species: *Terpides guyanensis* Demoulin, original designation. Leptophlebiidae: Atalophlebiinae.

### Genus *Thalerosphyrus* Eaton

*Thalerosphyrus* Eaton, 1881b:22. Type-species: *Baetis determinatus* Walker, original designation. Heptageniidae: Heptageniinae. Synonym *Ecdyonuroides* Dang.

### Genus *Therates* Sellards

*Therates* Sellards, 1907:354. Type-species: *Therates planus*, original designation. Preoccupied. Synonym of *Esca* Sellards.

Originally proposed as a mayfly, *Therates* (the name has been replaced by *Esca* Sellards) is uncertain, but it is certainly not an Ephemeroptera.

### Genus *Thnetus* Handlirsch

*Thnetus* Handlirsch, 1904:7. Type-species: *Thnetus stuckenbergi* Handlirsch, original designation.

Originally proposed as an Ephemeroptera, *Thnetus* probably belongs in the Paleodictyoptera.

### Genus *Thraulodes* Ulmer

*Thraulodes* Ulmer, 1920b:33. Type-species: *Calliarcys laetus* Eaton, original designation. Leptophlebiidae: Atalophlebiinae.

### Genus *Thraulophlebia* Demoulin

*Thraulophlebia* Demoulin, 1955f:227. Type-species: *Atalophlebia lucida* Ulmer, original designation. Leptophlebiidae: Atalophlebiinae.

**Subgenus *Thraululus* Ulmer**

*Thraululus* Ulmer, 1939:499. Type-species: *Thraulus marginatus* Ulmer, original designation. Leptophlebiidae: Atalophlebiinae. Synonym of *Choroterpes (Euthraulus)* Barnard (Gillies, 1957:43).

**Genus *Thraulus* Eaton**

*Thraulus* Eaton, 1881a:195. Type-species: *Thraulus bellus* Eaton, original designation. Leptophlebiidae: Atalophlebiinae. Synonym *Masharikella* Peters, Gillies, & Edmunds.

**Genus *Timpanoga* Needham**

*Ephemerella (Timpanoga)* Needham, 1927:115. Type-species: *Ephemerella hecuba* Eaton, monotypy. Ephemerellidae: Ephemerellinae: Ephemerellini: Timpanogae.

*Timpanoga* was originally proposed as a subgenus of *Ephemerella* Walsh.

**Genus *Tindea* Peters & Peters**

*Tindea* Peters & Peters, 1980:68. Type-species: *Tindea cochereai* Peters & Peters, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Torephemera* Sinitshenkova**

*Torephemera* Sinitshenkova, 1989:40. Type-species: *Torephemera longipes* Sinitshenkova, original designation. Torephemeridae.

*Torephemera* is known only from fossils.

**Genus *Torleya* Lestage**

*Torleya* Lestage, 1917:366. Type-species: *Torleya belgica* Lestage, monotypy. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae.

*Torleya* has been treated as a subgenus of *Ephemerella* Walsh.

**Genus *Tortopus* Needham & Murphy**

*Tortopus* Needham & Murphy, 1924:23. Type-species: *Tortopus igaranus* Needham & Murphy, original designation. Polymitarcyidae: Campsurinae.

**Genus *Traverella* Edmunds**

*Traverella* Edmunds, 1948:141. Type-species: *Thraulus albertanus* McDunnough, original designation. Leptophlebiidae: Atalophlebiinae.

**Genus *Traverina* Peters**

*Traverina* Peters, 1971:9. Type-species: *Traverina cubensis* Peters & Alayo, original designation. Leptophlebiidae: Atalophlebiinae.

**Subgenus *Tribrochella* Allen**

*Drunella* (*Tribrochella*) Allen, 1980:80. Type-species: *Ephemerella trispina* Uéno, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae. Subgenus of *Drunella* Needham.

**Genus *Trichogenia* Braasch & Soldán**

*Trichogenia* Braasch & Soldán, 1988:119. Type-species: *Trichogenia maxillaris* Braasch & Soldán, original designation. Heptageniidae: Heptageniinae.

**Subgenus *Tricomerella* Demoulin**

*Ephemerythus* (*Tricomerella*) Demoulin, 1964a:17. Type-species: *Ephemerythus straeleni* Demoulin, monotypy. Tricorythidae: Ephemerythinae. Subgenus of *Ephemerythus* Gillies.

**Subgenus *Tricoryhyphes* Allen & Murvosh**

*Tricorythodes* (*Tricoryhyphes*) Allen & Murvosh, 1987:38. Type-species: *Tricorythodes condylus* Allen, original designation. Leptohyphidae: Leptohyphinae. Subgenus of *Tricorythodes* Ulmer.

**Genus *Tricorythafer* Lestage**

*Tricorythafer* Lestage, 1942:4. Type-species: *Caenopsis fugitans* Needham, objective synonymy. Leptohyphidae: Leptohyphinae. Replacement name for *Caenopsis* Needham. Synonyms *Caenopsis* Needham and *Needhamocoenis* Lestage.

**Genus *Tricorythodes* Ulmer**

*Tricorythodes* Ulmer, 1920b:51. Type-species: *Tricorythus explicatus* Eaton, original designation. Leptohyphidae: Leptohyphinae.

Three subgenera are recognized: *Tricorythodes* (s.s.), *Homoleptohyphes* Allen & Murvosh, and *Tricoryhyphes* Allen & Murvosh.

**Genus *Tricorythopsis* Traver**

*Tricorythopsis* Traver, 1958:491. Type-species: *Tricorythopsis artigas* Traver, original designation. Leptohyphidae: Leptohyphinae.

**Subgenus *Tricorythurus* Lestage**

*Tricorythurus* (*Tricorythurus*) Lestage, 1942:13. Type-species: *Tricorythus latus* Ulmer, monotypy. Tricorythidae: Tricorythinae. Subgenus of *Tricorythus* Eaton.

**Genus *Tricorythus* Eaton**

*Tricorythus* Eaton, 1868a:82. Type-species: *Caenis varicauda* Pictet, original designation. Tricorythidae: Tricorythinae.

Two subgenera are recognized: *Tricorythus* (s.s.) and *Tricorythurus* Lestage.

**Genus *Triplosoba* Handlirsch**

*Triplosoba* Handlirsch, 1906:312. Type-species: *Blanchardia pulchella* Brongniart, objective synonymy. Triplosobidae. Replacement name for *Blanchardia* Brongniart.

*Triplosoba* is known only from fossils.

**Genus *Tritogenesia* Lestage**

*Tritogenesia* Lestage, 1923:111. Type-species: *Tritogenesia bibisica* Lestage, original designation. Palingeniidae: Palingeniinae. Synonym of *Plethogenesis* Ulmer (Demoulin, 1965b:330).

**Genus *Turfanerella* Demoulin**

*Turfanerella* Demoulin, 1954d:324. Type-species: *Ephemeropsis tingi* Ping, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae.

*Turfanerella* is known only from fossils.

**Subgenus *Ulmeritoides* Traver**

*Ulmeritus* (*Ulmeritoides*) Traver, 1959:8. Type-species: *Ulmeritus uruguayensis* Traver, original designation. Leptophlebiidae: Atalophlebiinae. Subgenus of *Ulmeritus* Traver.

**Genus *Ulmeritus* Traver**

*Ulmeritus* Traver, 1956:2. Type-species: *Ulmeritus carbonelli* Traver, original designation. Leptophlebiidae: Atalophlebiinae.

Three subgenera are recognized: *Ulmeritus* (s.s.), *Pseudulmeritus* Traver, and *Ulmeritoides* Traver.

**Genus *Ulmerophlebia* Demoulin**

*Ulmerophlebia* Demoulin, 1955f:228. Type-species: *Ephyurus mjobergi* Ulmer, original designation. Leptophlebiidae: Atalophlebiinae.

**Subgenus *Unirachella* Allen**

*Drunella* (*Unirachella*) Allen, 1980:80. Type-species: *Ephemerella tuberculata* Morgan, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae. Subgenus of *Drunella* Needham.

**Subgenus *Uracanthella* Belov**

*Uracanthella* Belov, 1979:577. Type-species: *Ephemerella lenoki* Tshernova, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini: Ephemerellae. Subgenus of *Ephemerella* Walsh.

**Subgenus *Vernobaetis* Kazlauskas**

*Baetis* (*Vernobaetis*) Kazlauskas, 1972:338. Not available, Art. 13b, no type designated. Baetidae. Subgenus of *Baetis* Leach.

**Genus *Vietnamella* Tshernova**

*Vietnamella* Tshernova, 1972:609. Type-species: *Vietnamella thani* Tshernova, original designation. Ephemerellidae: Ephemerellinae: Ephemerellini: Vietnamellae.

*Vietnamella* has been treated as a subgenus of *Cincticostella* Allen.

**Subgenus *Yaruma* Savage & Peters**

*Miroculis* (*Yaruma*) Savage & Peters, 1983:546. Type-species: *Miroculis wandae* Savage & Peters, original designation. Leptophlebiidae: Atalophlebiinae. Subgenus of *Miroculis* Edmunds.

**Genus *Xenophlebia* Demoulin**

*Xenophlebia* Demoulin, 1968b:267. Type-species: *Xenophlebia aenigmatica* Demoulin, original designation. Leptophlebiidae: Atalophlebiinae.

*Xenophlebia* is known only from fossils.

**Genus *Xenophlebia* Riek**

*Xenophlebia* Riek, 1976:150. Type-species: *Xenophlebia optata* Riek, original designation. Preoccupied. Synonym of *Litophlebia* Hubbard & Riek.

Originally proposed as a mayfly, *Xenophlebia* (the name has been replaced by *Litophlebia* Hubbard & Riek) belongs to the Megasecoptera.

### Genus **Zephlebia** Penniket

*Zephlebia* Penniket, 1961:8. Type-species: *Atalophlebia versicolor* Eaton, original designation. Leptophlebiidae: Atalophlebiinae.

Two subgenera are recognized: *Zephlebia* (s.s.) and *Terama* Towns.

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