

INTRODUCTION:**EPEMEROPTERA**

The checklist of Ephemeroptera is adapted from McCafferty, W.P. 1996. The Ephemeroptera species of North America and index to their complete nomenclature. *Transactions of the American Entomological Society*, 122: 1-54. Modifications have included the addition of generic synonymies; the adoption of original orthography for all valid species names; notation of the bases of all subordinate names, both generic and specific; the deletion of strictly Mexican species in North America; and the addition of recent applicable synonymies.

**ALTERNATIVE FAMILY NAMES:
EPEHMEROPTERA**

The following is a list of names that historically have been used for extant families of Ephemeroptera. Valid family names are given in bold. Those valid families that are not represented in North America are indicated by (not NA). All invalid names are referred to a valid family by (see family).

Acanthametropodidae

(Ameletopsidae not NA)

Ameletidae**Ametropodidae**

Analetrididae (see Acanthametropodidae)

Arthropleidae**Baetidae****Baetiscidae****Behningiidae**

Binoculidae (see Prosopistomatidae)

Brachycercidae (see Caenidae)

Caenidae

Callibaetidae (see Baetidae)

Cloonidae (see Baetidae)

(Coloburiscidae not NA)**(Dipteromimidae not NA)**

Ecdyonuridae (see Heptageniidae)

Ecdyuridae (see Heptageniidae)

Ephemerellidae**Ephemeridae**

Ephoridae (see Polymitarcyidae)

Euthyplociidae (see Polymitarcyidae)

Heptageniidae

Ichthybotidae (see Ephemeridae)

Isonychiidae**Leptohyphidae****Leptophlebiidae**

Metamoniidae (see Nesameletidae)

Metretopodidae**Neophemeridae****(Nesameletidae not NA)****Oligoneuriidae****(Oniscigastridae not NA)**

Palingeniidae (see Ephemeridae)

Pentageniidae (see Ephemeridae)

Polymitarcyidae**Potamanthidae****(Prosopistomatidae not NA)****Pseudironidae****(Rallidentidae not NA)**

Rhithrogenidae (see Heptageniidae)

(Siphlaenigmatidae not NA)**Siphonuridae**

Siphloplectidae (see Metretopodidae)

Siphuridae (see Siphonuridae)

(Tricorythidae not NA)

EPHEMEROPTERA

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INTRODUCTION

The check list of Ephemeroptera is adapted from McCafferty, W.P. 1996. The Ephemeroptera species of North America and index to their complete nomenclature. *Transactions of the American Entomological Society*, 122:1-54. Modifications have included the addition of generic synonymies; the adoption of original orthography for all valid species names; notation of the bases of all subordinate names, both generic and specific; the deletion of strictly Mexican species in North America; and the addition of recent applicable synonymies.

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Acanthmetropodidae
(**Ameletopsidae** not NA)

Ameletidae

Ametropodidae

Analetrididae (see Acanthmetropodidae)

Arthropleidae

Baetidae

Baetiscidae

Behningiidae

Binoculidae (see Prosopistomatidae)

Brachycercidae (see Caenidae)

Caenidae

Callibaetidae (see Baetidae)

Cloeonidae (see Baetidae)

(**Coloburiscidae** not NA)

(**Dipteromimidae** not NA)

Ecdyonuridae (see Heptageniidae)

Ecdyuridae (see Heptageniidae)

Ephemerellidae

Ephemeridae

Ephoridae (see Polymitarciidae)

Euthyplociidae (see Polymitarciidae)

Heptageniidae

Ichthybotidae (see Ephemeridae)

Isonychiidae

Leptohiphidae

Leptophlebiidae

Metamoniidae (see Nesameletidae)

Metretopodidae

Neoephemeridae

(**Nesameletidae** not NA)

Oligoneuridae

(**Oniscigastridae** not NA)

Palingeniidae (see Ephemeridae)

Pentageniidae (see Ephemeridae)

Polymitarciidae

Potamanthidae

(**Prosopistomatidae** not NA)

Pseudironidae

(**Rallidentidae** not NA)

Rhithrogenidae (see Heptageniidae)

(**Siphlaenigmatidae** not NA)

Siphonuridae

Siphloplectidae (see Metretopodidae)

Siphonuridae (see Siphonuridae)

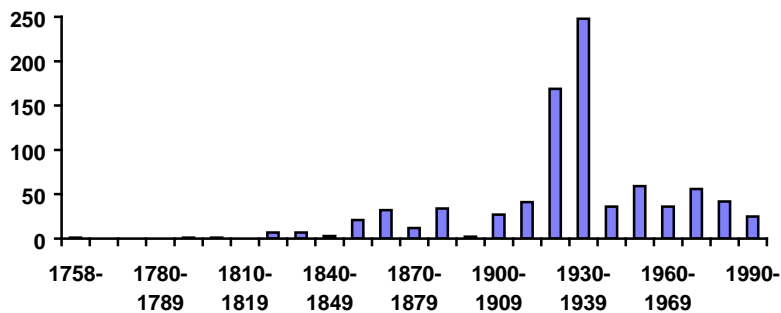
(**Tricorythidae** not NA)

STATISTICS

This section contains some raw statistics without comment. A list of the species group names proposed by decade is listed in the table below followed by a graph of the numbers. Allowance must be made in interpreting the graph for the truncated decades at the beginning and end of the graph. The tables on the following page are a break down of the number of valid species and names by family.

Species group names (valid and synonymous) described by decade.

| | |
|-------------|-----|
| 1758 - 1759 | 0 |
| 1760 - 1769 | 0 |
| 1770 - 1779 | 0 |
| 1780 - 1789 | 0 |
| 1790 - 1799 | 1 |
| 1800 - 1809 | 1 |
| 1810 - 1819 | 1 |
| 1820 - 1829 | 6 |
| 1830 - 1839 | 7 |
| 1840 - 1849 | 3 |
| 1850 - 1859 | 21 |
| 1860 - 1869 | 32 |
| 1870 - 1879 | 12 |
| 1880 - 1889 | 34 |
| 1890 - 1899 | 2 |
| 1900 - 1909 | 27 |
| 1910 - 1919 | 41 |
| 1920 - 1929 | 169 |
| 1930 - 1939 | 248 |
| 1940 - 1949 | 36 |
| 1950 - 1959 | 59 |
| 1960 - 1969 | 36 |
| 1970 - 1979 | 56 |
| 1980 - 1989 | 42 |
| 1990 - | 25 |



| Family | # Names | # Valid |
|---------------------|---------|---------|
| Acanthametropodidae | 2 | 2 |
| Ameletidae | 42 | 32 |
| Ametropodidae | 3 | 3 |
| Arthropleidae | 1 | 1 |
| Baetidae | 193 | 123 |
| Baetiscidae | 14 | 12 |
| Behningiidae | 1 | 1 |
| Caenidae | 32 | 24 |
| Ephemerellidae | 124 | 93 |
| Ephemeridae | 34 | 15 |
| Heptageniidae | 187 | 129 |
| Isonychiidae | 28 | 17 |
| Leptohyphidae | 32 | 26 |
| Leptophlebiidae | 90 | 66 |
| Metretopodidae | 13 | 9 |
| Neophemeridae | 4 | 4 |
| Oligoneuriidae | 7 | 6 |
| Polymitarcyidae | 8 | 6 |
| Potamanthidae | 11 | 4 |
| Pseudironidae | 2 | 1 |
| Siphonuridae | 33 | 25 |
| Total | 861 | 599 |

CLASSIFICATION

The higher classification of the North American Ephemeroptera is adapted from McCafferty, W.P. 1991. Toward a phylogenetic classification of the Ephemeroptera (Insecta): a commentary on systematics. *Annals of the Entomological Society of America* 84: 343-360. The higher classification, however, remains somewhat unstable, in that it has been in part provisional and is still in transition to a strictly phylogenetic arrangement. For example, it remains unclear if the superfamily Heptagenioidea (variously treated as the suborder or infraorder Setisura) is derived with the Pisciforma or with the Rectracheata. The scarce cladistic data available at this level remain more suggestive of the arrangement below. Modifications reflected here at the suborder level include recognition of a separate suborder (Carapacea), which appears basally divergent from all other extant mayflies based on unpublished data and wing venation data mentioned by Wang, T.-Q., McCafferty, W.P. and Bae, Y.J. 1997. Sister relationship of the Neoephemeridae and Caenidae (Ephemeroptera: Pannota). *Entomological News* 108: 52-56. Infraorders are purposely not listed at this time because of their provisional nature. The superfamily Siphonuroidea is taken in its broadest possible context (the concept of an Arenata infragroup being disallowed). The precise interrelationships of these siphonuroid families remain extremely tenuous and thus they can be listed only alphabetically. In addition, the possibility exists that the Siphonuroidea in the present sense is paraphyletic. Among the siphonuroid families, the family Analetrididae is disallowed based on McCafferty, W.P. and Wang, T.-Q. 1994. Relationships of the genera *Acanthametropus*, *Analetris*, and *Siphuriscus*, and re-evaluation of their higher classification (Ephemeroptera: Pisciforma). *Great Lakes Entomologist* 27: 209-215. The arrangement of superfamilies within the Rectracheata and ordering of families within the Ephemeroidea reflect my as yet unpublished data indicating the pannote mayflies (superfamilies Caenoidea + Ephemerelloidea below) and the tusked burrowing mayflies (superfamily Ephemeroidea below) share an immediate common ancestor. The arrangement of superfamilies of pannote mayflies follows McCafferty, W.P. and Edmunds, G.F. 1979. The higher classification of the Ephemeroptera and its evolutionary basis. *Annals of the Entomological Society of America* 72: 5-12, which is more consistent with recent findings by Wang *et al.* 1997. *ibid.* Nonetheless, additional modifications to the scheme of higher classification of the pannote mayflies are imminent based on data now being prepared for publication by Wang and McCafferty. Within the superfamily Heptagenioidea, family arrangement has been modified from McCafferty, W.P. 1991. The cladistics, classification, and evolution of the Heptagenioidea (Ephemeroptera). Pages 87-102 in **Overview and strategies of Ephemeroptera and Plecoptera**. J. Alba-Tercedor and A. Sanchez-Ortega (eds.). Sandhill Crane Press, Gainesville, based on additional data from Wang, T.-Q. and McCafferty, W.P. 1995. Relationships of the Arthropleidae, Heptageniidae, and Pseudironidae (Ephemeroptera: Heptagenioidea). *Entomological News* 106: 251-256. In the Ephemeridae, the subfamilies Ephemerinae and Hexageniinae have been combined to Ephemerinae to reflect additional cladistic findings by Bae, Y.J and McCafferty, W.P. 1995. Ephemeroptera tusks and their evolution. Pages 377-405 in **Current directions in research on Ephemeroptera**. L. Corkum and J. Ciborowski (eds.). Canadian Scholars' Press, Toronto. In the Oligoneuriidae, the subfamily Homoeoneuriinae encompasses the genera *Homoeoneuria* and *Oligoneurisca*, and is the ultimate clade in the sequence of subfamily groups shown by McCafferty, W.P. 1990. Ephemeroptera. Pages 20-50. in **Insects from the Santana Formation, Lower Cretaceous, of Brazil**. D. Grimaldi (ed.). Bulletin of the American Museum of Natural History 195.

SUBORDER CARAPACEA

BAETISCIDAE

Baetisca.

SUBORDER RECTRACHEATA

EPHEMEROPTERA: CLASSIFICATION

Superfamily LEPTOPHLEBIOIDEA

LEPTOPHLEBIIDAE

Atalophlebiinae: *Choroterpes, Farrodes, Hydrosmilodon, Neochoroterpes, Thraulodes, Traverella.*

Leptophlebiinae: *Habrophlebia, Habrophlebiodes, Leptophlebia, Paraleptophlebia.*

Superfamily BEHNINGIOIDEA

BEHNINGIIDAE

Dolania.

Superfamily EPHEMEROIDEA

POTAMANTHIDAE

Anthopotamus.

EPHEMERIDAE

Ephemerinae: *Ephemera, Hexagenia, Litobrancha.*

Pentageniinae: *Pentagenia.*

POLYMITARCYIDAE

Polymitarcyinae: *Ephoron.*

Campsurinae: *Campsurus, Tortopus.*

Superfamily CAENOIDEA

NEOEPHEMERIDAE

Neoephemera.

CAENIDAE

Caeninae: *Amercaenis, Caenis.*

Brachycercinae: *Brachycercus, Cercobrachys.*

Superfamily EPHEMERELLOIDEA

EPHEMERELLIDAE

Attenella, Caudatella, Caurinella, Drunella, Ephemerella, Eurylophella, Serratella, Timpanoga.

LEPTOHYPHIDAE

Leptohyphes, Tricorythodes.

SUBORDER PISCIFORMA

Superfamily SIPHLONUROIDEA

ACANTHAMETROPODIDAE

Acanthametropus, Analettris.

AMELETIDAE

Ameletus.

AMETROPODIDAE

Ametropus.

BAETIDAE

NOMINA INSECTA NEARCTICA

Acentrella, Acerpenna, Apobaetis, Baetis, Baetodes, Barbaetis, Callibaetis, Camelobaetidius, Centroptilum, Cloeodes, Cloeon, Diphetor, Fallceon, Heterocloeon, Labiobaetis, Paracloeodes, Procloeon, Pseudocentroptiloides.

METRETOPODIDAE

Metretopus, Siphloplecton.

SIPHONURIDAE

Edmundsius, Parameletus, Siphlonisca, Siphlonurus.

Superfamily HEPTAGENIOIDEA

ISONYCHIIDAE

Isonychia.

OLIGONEURIIDAE

Oligoneuriinae: *Lachlania.*

Homoeoneuriinae: *Homoeoneuria.*

PSEUDIRONIDAE

Pseudiron.

ARTHROPLEIDAE

Arthroplea.

HEPTAGENIIDAE

Acanthomola, Aneporus, Cinygma, Cinygmula, Epeorus, Heptagenia, Ironodes, Leucrocuta, Macdunnoa, Nixe, Raptoheptagenia, Rhithrogena, Stenacron, Stenonema.

ACANTHAMETROPODIDAE

Acanthametropus Tshernova 1948
Metreturus Burks 1953 Syn.

Acanthametropus pecatonica Burks 1953 (Metreturus)

Analetris Edmunds 1972

Analetris eximia Edmunds 1972 (Analetris)

AMELETIDAE

Ameletus Eaton 1885
Chimura Navás 1915 Syn.
Paleoameletus Lestage 1940 Syn.
Metreletus Demoulin 1951 Syn.

Ameletus amator Mayo 1939 (Ameletus)
Ameletus andersoni Zloty 1996 (Ameletus)
Ameletus bellulus Zloty 1996 (Ameletus)
Ameletus browni McDunnough 1933 (Ameletus)
Ameletus celer McDunnough 1934 (Ameletus)
Ameletus alticolus McDunnough 1934 Syn.
Ameletus celerooides McDunnough 1934 Syn.
Ameletus tuberculatus McDunnough 1939 Syn.
Ameletus cooki McDunnough 1929 (Ameletus)
Ameletus cryptostimulus Carle 1978 (Ameletus)
Ameletus dissitus Eaton 1885 (Ameletus)
Ameletus doddsianus Zloty 1996 (Ameletus)
Ameletus edmundsi Zloty 1996 (Ameletus)
Ameletus exquisitus Eaton 1885 (Ameletus)
Ameletus falsus McDunnough 1938 (Ameletus)
Ameletus imbellis Day 1952 (Ameletus)
Ameletus inopinatus Eaton 1887 (Ameletus)
Ameletus alpinus Bengtsson 1913 Syn.
Ameletus lineatus Traver 1932 (Ameletus)
Ameletus ludens Needham 1905 (Ameletus)
Ameletus majasculus Zloty 1996 (Ameletus)
Ameletus oregonensis McDunnough 1933 (Ameletus)
Ameletus pritchardi Zloty 1996 (Ameletus)
Ameletus sheperdi Traver 1934 (Ameletus)
Ameletus querulus McDunnough 1938 Syn.
Ameletus similior McDunnough 1928 (Ameletus)
Ameletus monta Mayo 1952 Syn.
Ameletus sparsatus McDunnough 1931 (Ameletus)
Ameletus aequivocus McDunnough 1934 Syn.
Ameletus subnotatus Eaton 1885 (Ameletus)
Ameletus suffusus McDunnough 1936 (Ameletus)
Ameletus tarteri Burrows 1987 (Ameletus)
Ameletus tertius McDunnough 1938 (Ameletus)
Ameletus tolai Zloty 1996 (Ameletus)
Ameletus validus McDunnough 1923 (Ameletus)
Ameletus vancouverensis McDunnough 1933 (Ameletus)
Ameletus facilis Day 1952 Syn.
Ameletus velox Dodds 1923 (Ameletus)
Ameletus connectus McDunnough 1936 Syn.
Ameletus connectina McDunnough 1939 Syn.
Ameletus vernalis McDunnough 1924 (Ameletus)
Ameletus walleyi Harper 1970 (Ameletus)

AMETROPODIDAE

Ametropus Albarda 1878

Ametropus albrighti Traver 1935 (Ametropus)
Ametropus ammophilus Allen and Edmunds 1976 (Ametropus)
Ametropus neavei McDunnough 1928 (Ametropus)

ARTHROPLEIDAE

Arthroplea Bengtsson 1908
Remipalpus Bengtsson 1908 Syn.
Haplogenia Blair 1929 Syn.

Arthroplea bipunctata McDunnough 1924 (Cinygma)

BAETIDAE

Acentrella Bengtsson 1912

Acentrella amplus Traver 1932 (Baetis)
Acentrella insignificans McDunnough 1926 (Baetis)
Acentrella lapponica Bengtsson 1912 (Acentrella)
Acentrella turbidum McDunnough 1924 (Pseudocloeon)
Cloeon carolina Banks 1924 Syn.

Acerpenna Waltz and McCafferty 1987

Acerpenna akataleptos McDunnough 1926 (Baetis)
Acerpenna harti McDunnough 1924 (Baetis)
Acerpenna macdunnoughi Ide 1937 (Baetis)
Acerpenna pygmaea Hagen 1861 (Cloe)
Baetis spiethi Berner 1940 Syn.

Apobaetis Day 1955

Apobaetis etowah Traver 1935 (Pseudocloeon)
Apobaetis indeprensus Day 1955 (Apobaetis)

Baetis Leach 1815

Brachyphlebia Westwood 1840 Syn.
Montobaetis Kazlauskas 1972 Unav.
Rhodobaetis Kazlauskas 1972 Unav.
Vernobaetis Kazlauskas 1972 Unav.
Tatubaetis Kang and Yang 1994 Syn.

Baetis adonis Traver 1935 (Baetis)
Baetis alachua Berner 1940 (Pseudocloeon)
Baetis alius Day 1954 (Baetis)
Baetis armillatus McCafferty and Waltz 1990 (Baetis)
Pseudocloeon parvulum McDunnough 1932 Homo.
Baetis bicaudatus Dodds 1923 (Baetis)

Baetis minimus Dodds 1923 Syn.
Baetis bimaculatus Berner 1946 (Pseudocloeon)
Baetis brunneicolor McDunnough 1925 (Baetis)
Baetis hiemalis Leonard 1950 Syn.
Baetis anachris Burks 1953 Syn.
Baetis phyllis Burks 1953 Syn.
Baetis bundyi Lehmkuhl 1973 (Baetis)
Baetis bundyae Lehmkuhl 1973 Emend.
Baetis caelestis Allen and Murvosh 1983 (Baetis)
Baetis caurinus Edmunds and Allen 1957 (Baetis)
Baetis cinctatus McCafferty and Waltz 1990 (Baetis)
Pseudocloeon cingulatum McDunnough 1931 Homo.
Baetis diablus Day 1954 (Baetis)
Baetis dubia Walsh 1862 (Cloe)
Cloeon chlorops McDunnough 1923 Syn.
Baetis elliotti Daggy 1945 (Pseudocloeon)
Pseudocloeon ida Daggy 1945 Syn.
Baetis flavistriga McDunnough 1921 (Baetis)
Baetis nanus McDunnough 1923 Syn.
Baetis phoebus McDunnough 1923 Syn.
Baetis pallidulus McDunnough 1924 Syn.
Baetis sinuosus Navás 1924 Syn.
Baetis cingulatus McDunnough 1925 Syn.
Baetis levitans McDunnough 1925 Syn.
Baetis ochris Burks 1953 Syn.
Baetis quebecensis Hubbard 1974 Syn.
Baetis foemina McDunnough 1936 (Baetis)
Baetis futile McDunnough 1931 (Pseudocloeon)
Baetis hudsonicus Ide 1937 (Baetis)
Baetis intercalaris McDunnough 1921 (Baetis)
Baetis lasallei Banks 1924 Syn.
Baetis magnus McCafferty and Waltz 1986 (Baetis)
Baetis libos Allen and Murvosh 1987 Syn.
Baetis moffati Dodds 1923 (Baetis)
Baetis notos Allen and Murvosh 1987 (Baetis)
Baetis palisadi Mayo 1952 (Baetis)
Baetis parallelus Banks 1924 (Baetis)
Baetis persecuta McDunnough 1939 (Baetis)
Baetis piscatoris Traver 1935 (Baetis)
Baetis pluto McDunnough 1925 (Baetis)
Baetis posticata Say 1823 (Cloeon)
Baetis punctiventris McDunnough 1923 (Pseudocloeon)
Pseudocloeon anoka Daggy 1945 Syn.
Pseudocloeon myrsum Burks 1953 Syn.
Pseudocloeon edmundsi Jensen 1969 Syn.
Baetis rubrolaterale McDunnough 1931 (Pseudocloeon)
Baetis rusticans McDunnough 1925 (Baetis)
Baetis sulfurosus Day 1954 (Baetis)
Baetis thermophilus McDunnough 1926 (Baetis)
Baetis tricaudatus Dodds 1923 (Baetis)
Baetis intermedius Dodds 1923 Syn.
Baetis incertans McDunnough 1925 Syn.
Baetis vagans McDunnough 1925 Syn.
Baetis jesmondensis McDunnough 1938 Syn.
Baetis veteris McDunnough 1924 (Pseudocloeon)
Baetis virile McDunnough 1923 (Pseudocloeon)

Baetodes Needham and Murphy 1924

Baetodes alleni McCafferty and Provonsha 1993 (Baetodes)
Baetodes arizonensis Koss 1972 (Baetodes)
Baetodes sigillatus Allen and Chao 1972 Syn.
Baetodes bibranchius McCafferty and Provonsha 1993 (Baetodes)
Baetodes edmundsi Koss 1972 (Baetodes)
Baetodes inermis Cohen and Allen 1972 (Baetodes)

Barbaetis Waltz and McCafferty 1985

Barbaetis benfieldi Kennedy 1985 (Barbaetis)
Barbaetis cestum Provonsha and McCafferty 1982 (Pseudocloeon)

Callibaetis Eaton 1881

Neobaetis Navás 1924 Syn.

Callibaetis californicus Banks 1900 (Callibaetis)
Callibaetis centralis Peters 1959 (Callibaetis)
Callibaetis ferruginea Walsh 1862 (Cloe)
Baetis tessellata Hagen 1861 Homo.
Callibaetis hageni Eaton 1885 Syn.
Callibaetis americanus Banks 1900 Syn.
Callibaetis coloradensis Banks 1900 Syn.
Callibaetis nigritus Banks 1918 Syn.
Callibaetis fuscus Dodds 1923 Syn.
Callibaetis carolus Traver 1935 Syn.
Callibaetis hebes Upholt 1936 Syn.
Callibaetis evergreenensis Thew 1959 Syn.
Callibaetis floridanus Banks 1900 (Callibaetis)
Callibaetis completa Banks 1930 Syn.
Callibaetis fluctuans Walsh 1862 (Cloe)
Callibaetis traverae Upholt 1937 Syn.
Callibaetis montanus Eaton 1885 (Callibaetis)
Callibaetis pallidus Banks 1900 (Callibaetis)
Callibaetis semicostatus Banks 1914 Syn.
Callibaetis pictus Eaton 1871 (Baetis)
Callibaetis signatus Banks 1918 Syn.
Callibaetis vitrea Dodds 1923 Syn.
Callibaetis pacificus Seemann 1927 Syn.
Callibaetis doddsi Traver 1935 Syn.
Callibaetis pretiosus Banks 1914 (Callibaetis)
Callibaetis punctilulus McCafferty and Provonsha 1993 (Callibaetis)
Callibaetis skokianus Needham 1903 (Callibaetis)
Callibaetis brevicostatus Daggy 1945 Syn.

Camelobaetidium Demoulin 1966

Dactylobaetis Traver and Edmunds 1968 Syn.

Camelobaetidium mexicanus Traver and Edmunds 1968 (Dactylobaetis)
Camelobaetidium musseri Traver and Edmunds 1968 (Dactylobaetis)
Dactylobaetis salinus Allen and Chao 1978 Syn.
Camelobaetidium waltzi McCafferty 1994 (Camelobaetidium)
Camelobaetidium warreni Traver and Edmunds 1968 (Dactylobaetis)
Dactylobaetis cepheus Traver and Edmunds 1968 Syn.
Dactylobaetis zenobia Traver and Edmunds 1968 Syn.
Dactylobaetis navis Allen and Chao 1978 Syn.
Dactylobaetis trivialis Allen and Chao 1978 Syn.

Centroptilum Eaton 1869

Neocloeon Traver 1932 Syn.

Centroptilum alamance Traver 1932 (Neocloeon)
Centroptilum bifurcatum McDunnough 1924 (Centroptilum)
Centroptilum selanderorum Edmunds 1954 (Centroptilum)
Centroptilum semirufum McDunnough 1926 (Centroptilum)
Centroptilum triangulifer McDunnough 1931 (Cloeon)
Centroptilum victoriae McDunnough 1938 (Centroptilum)

Cloeodes Traver 1938

Notobaetis Morihara and Edmunds 1980 Syn.

Cloeodes excogitatus Waltz and McCafferty 1987 (Cloeodes)
Cloeodes macrolamellus Waltz and McCafferty 1987 (Cloeodes)

Cloeon Leach 1815

Cloe Burmeister 1839 Emend.
Cloeopsis Eaton 1866 Syn.
Austrocloeon Barnard 1940 Syn.

Cloeon cognatum Stephens 1835 (Cloeon)
Cloeon dipterum Linnaeus 1761 Misid.

Dipheter Waltz and McCafferty 1987

Dipheter devinctus Traver 1935 (Baetis)
 Dipheter hageni Eaton 1885 (Baetis)
Cloe unicolor Hagen 1861 Homo.
Baetis parvus Dodds 1923 Syn.
Baetis herodes Burks 1953 Syn.

Fallceon Waltz and McCafferty 1987

Fallceon quilleri Dodds 1923 (Baetis)
Baetis endymion Traver 1935 Syn.
Baetis erebus Traver 1935 Syn.
Baetis cleptis Burks 1953 Syn.
Baetis leechi Burks 1954 Syn.
Baetis byblis Allen and Murvosh 1983 Syn.
Baetis buenoi Allen 1985 Syn.
Baetis sonora Allen and Murvosh 1987 Syn.

Heterocloeon McDunnough 1925

Rheobaetis Müller-Liebenau 1974 Syn.

Heterocloeon berneri Müller-Liebenau 1974 (Rheobaetis)
 Heterocloeon curiosum McDunnough 1923 (Centroptilum)
Rheobaetis traverae Müller-Liebenau 1974 Syn.
 Heterocloeon frivolum McDunnough 1925 (Baetis)
 Heterocloeon petersi Müller-Liebenau 1974 (Rheobaetis)

Labiobaetis Novikova and Kluge 1987

Mullerbaetis Kang and Yang 1994 Syn.

Labiobaetis apache McCafferty and Waltz 1995 (Labiobaetis)
 Labiobaetis dardanus McDunnough 1923 (Baetis)
Baetis elachistus Burks 1953 Syn.
 Labiobaetis ephippiatus Traver 1935 (Baetis)
 Labiobaetis frondalis McDunnough 1925 (Baetis)
Baetis australis Traver 1932 Syn.
Baetis baeticatus Burks 1953 Syn.
 Labiobaetis longipalpus Morihara and McCafferty 1979 (Baetis)
 Labiobaetis propinqua Walsh 1863 (Cloe)
Cloe vicina Walsh 1862 Homo.
Baetis spinosus McDunnough 1925 Syn.

Paracloeodes Day 1955

Paracloeodes minutum Daggy 1945 (Pseudocloeon)
Paracloeodes abditus Day 1955 Syn.

Procloeon Bengtsson 1915

Pseudocloeon Bengtsson 1914 Homo.

Procloeon album McDunnough 1926 (Centroptilum)
 Procloeon asperatum Traver 1935 (Centroptilum)
 Procloeon bellum McDunnough 1924 (Centroptilum)
 Procloeon caliginosum McDunnough 1925 (Centroptilum)
 Procloeon conturbatum McDunnough 1929 (Centroptilum)
 Procloeon convexum Ide 1930 (Centroptilum)
 Procloeon elsa Traver 1935 (Centroptilum)
 Procloeon fragile McDunnough 1923 (Centroptilum)
 Procloeon hobbsi Berner 1946 (Centroptilum)

Procloeon impicatum McDunnough 1924 (Cloeon)
 Procloeon inanum McDunnough 1924 (Cloeon)
 Procloeon ingens McDunnough 1923 (Cloeon)
 Procloeon insignificans McDunnough 1925 (Cloeon)
 Procloeon intermediale McDunnough 1931 (Centroptilum)
 Procloeon irrubrum Lowen and Flannagan 1992 (Procloeon)
 Procloeon mendax Walsh 1862 (Cloeon)
 Procloeon minor McDunnough 1926 (Cloeon)
 Procloeon oreophilum Edmunds 1954 (Centroptilum)
 Procloeon ozburni McDunnough 1924 (Centroptilum)
 Procloeon pennulatum Eaton 1870 (Centroptilum)
Centroptilum infrequens McDunnough 1924 Syn.
 Procloeon quaesitum McDunnough 1931 (Centroptilum)
 Procloeon rivulare Traver 1935 (Centroptilum)
 Procloeon rubropictum McDunnough 1923 (Cloeon)
 Procloeon rufostrigatum McDunnough 1924 (Centroptilum)
Centroptilum bistrigatum Daggy 1945 Syn.
 Procloeon simile McDunnough 1924 (Centroptilum)
 Procloeon simplex McDunnough 1925 (Cloeon)
 Procloeon texanum McCafferty and Provonsha 1993 (Procloeon)
 Procloeon venosum Traver 1935 (Centroptilum)
 Procloeon vicinum Hagen 1861 (Cloeon)
 Procloeon viridocularis Berner 1940 (Centroptilum)
 Procloeon walshi McDunnough 1929 (Centroptilum)

Pseudocentroptiloides Jacob 1986

Pseudocentroptiloides usa Waltz and McCafferty 1989
 (Pseudocentroptiloides)

BAETISCIDAE**Baetisca Walsh 1863**

Baetisca becki Schneider and Berner 1963 (Baetisca)
 Baetisca berneri Tarter and Kirchner 1978 (Baetisca)
 Baetisca callosa Traver 1931 (Baetisca)
 Baetisca carolina Traver 1931 (Baetisca)
Baetisca thomsenae Traver 1937 Syn.
 Baetisca columbiana Edmunds 1960 (Baetisca)
 Baetisca escambiensis Berner 1955 (Baetisca)
 Baetisca gibbera Berner 1953 (Baetisca)
 Baetisca lacustris McDunnough 1932 (Baetisca)
Baetisca bajkovi Neave 1934 Syn.
 Baetisca laurentina McDunnough 1932 (Baetisca)
 Baetisca obesa Say 1839 (Baetis)
 Baetisca rogersi Berner 1940 (Baetisca)
 Baetisca rubescens Provancher 1878 (Cloe)

BEHNINGIIDAE**Dolania Edmunds and Traver 1959**

Dolania americana Edmunds and Traver 1959 (Dolania)

CAENIDAE

Amercaenis Provonsha and McCafferty 1985

Amercaenis ridens McDunnough 1931 (Caenis)

Brachycercus Curtis 1834

Eurycaenis Bengtsson 1917 Syn.

Brachycercus arcticus Soldán 1986 (Brachycercus)

Brachycercus bernerii Soldán 1986 (Brachycercus)

Brachycercus floridicola Soldán 1986 *Syn.*

Brachycercus edmundsi Soldán 1986 (Brachycercus)

Brachycercus flavus Traver 1935 (Brachycercus)

Brachycercus lacustris Needham 1918 (Caenis)

Eurycaenis ideii Lestage 1931 *Syn.*

Brachycercus maculatus Berner 1946 (Brachycercus)

Brachycercus pini Soldán 1986 *Syn.*

Brachycercus nasutus Soldán 1986 (Brachycercus)

Brachycercus nitidus Traver 1932 (Eurycaenis)

Brachycercus prudens McDunnough 1931 (Eurycaenis)

Brachycercus tuberculatus Soldán 1986 (Brachycercus)

Caenis Stephens 1835

Oxycypha Burmeister 1839 Syn.

Ordella Champion 1923 Syn.

Austrocaenis Barnard 1932 Syn.

Caenis amica Hagen 1861 (Caenis)

Caenis simulans McDunnough 1931 *Syn.*

Caenis anceps Traver 1935 (Caenis)

Caenis bajaensis Allen and Murvosh 1983 (Caenis)

Caenis candida Harper and Harper 1981 (Caenis)

Caenis diminuta Walker 1853 (Caenis)

Caenis hilaris Say 1839 (Ephemerella)

Caenis latipennis Banks 1907 (Caenis)

Caenis forcipata McDunnough 1931 *Syn.*

Caenis jocosa McDunnough 1931 *Syn.*

Caenis delicata Traver 1935 *Syn.*

Caenis gigas Burks 1953 *Syn.*

Caenis maccafferti Provonsha 1990 (Caenis)

Caenis punctata McDunnough 1931 (Caenis)

Caenis tardata McDunnough 1931 (Caenis)

Caenis youngi Roemhild 1984 (Caenis)

Cercobrachys Soldán 1986

Cercobrachys etowah Soldán 1986 (Cercobrachys)

Cercobrachys serpentis Soldán 1986 (Cercobrachys)

EPHEMERELLIDAE

Attenella Edmunds 1971

Attenuatella Edmunds 1959 Hom.

Attenella attenuata McDunnough 1925 (Ephemerella)

Ephemerella hirsuta Berner 1946 *Syn.*

Attenella delantala Mayo 1952 (Ephemerella)

Attenella margarita Needham 1927 (Ephemerella)

Attenella soquele Day 1954 (Ephemerella)

Caudatella Edmunds 1959

Caudatella cascadia Allen and Edmunds 1961 (Ephemerella)

Caudatella edmundsi Allen 1959 (Ephemerella)

Caudatella heterocaudata McDunnough 1929 (Ephemerella)

Ephemerella columbiella McDunnough 1935 *Syn.*

Caudatella hystrix Traver 1934 (Ephemerella)

Ephemerella spinosa Mayo 1951 *Syn.*

Caudatella jacobi McDunnough 1939 (Ephemerella)

Ephemerella orestes Allen and Edmunds 1961 *Syn.*

Caurinella Allen 1984

Caurinella idahoensis Allen 1984 (Caurinella)

Drunella Needham 1905

Drunella allegheniensis Traver 1934 (Ephemerella)

Drunella coloradensis Dodds 1923 (Ephemerella)

Ephemerella wilsoni Mayo 1952 *Syn.*

Drunella cornuta Morgan 1911 (Ephemerella)

Ephemerella depressa Ide 1930 *Syn.*

Drunella cornutella McDunnough 1931 (Ephemerella)

Drunella doddsi Needham 1927 (Ephemerella)

Drunella flavilinea McDunnough 1926 (Ephemerella)

Ephemerella lapidula McDunnough 1935 *Syn.*

Drunella grandis Eaton 1884 (Ephemerella)

Ephemerella flavitincta McDunnough 1934 *Syn.*

Ephemerella glacialis Traver 1934 *Syn.*

Ephemerella ingens McDunnough 1934 *Syn.*

Ephemerella proserpina Traver 1934 *Syn.*

Ephemerella yosemite Traver 1934 *Syn.*

Drunella lata Morgan 1911 (Ephemerella)

Ephemerella inflata McDunnough 1926 *Syn.*

Drunella longicornis Traver 1932 (Ephemerella)

Drunella pelosa Mayo 1951 (Ephemerella)

Drunella spinifera Needham 1927 (Ephemerella)

Ephemerella autumnalis McDunnough 1934 *Syn.*

Ephemerella sierra Mayo 1952 *Syn.*

Drunella tuberculata Morgan 1911 (Ephemerella)

Ephemerella conestee Traver 1932 *Syn.*

Ephemerella cherokee Traver 1937 *Syn.*

Drunella walkeri Eaton 1884 (Ephemerella)

Baetis fuscata Walker 1853 *Homo.*

Ephemerella bispina Needham 1905 *Syn.*

Drunella wayah Traver 1932 (Ephemerella)

Ephemerella Walsh 1863

Chitonophora Bengtsson 1908 Syn.

Ephemerella alleni Jensen and Edmunds 1966 (Ephemerella)

Ephemerella altana Allen 1968 (Ephemerella)

Ephemerella apopsis McCafferty 1992 (Ephemerella)

Ephemerella argo Burks 1949 (Ephemerella)

Ephemerella aurivillii Bengtsson 1908 (Chitonophora)

Ephemerella aroni Eaton 1908 *Syn.*

Ephemerella norda McDunnough 1924 *Syn.*

Ephemerella concinnata Traver 1934 *Syn.*

Ephemerella bernerii Allen and Edmunds 1958 (Ephemerella)

Ephemerella catawba Traver 1932 (Ephemerella)

Ephemerella choctawhatchee Berner 1946 (Ephemerella)

Ephemerella consimilis Walsh 1862 (Ephemerella)

Ephemerella crenula Allen and Edmunds 1965 (Ephemerella)

Ephemerella dorothea Needham 1908 (Ephemerella)

Ephemerella excrucians Walsh 1862 (Ephemerella)

Ephemerella semiflava McDunnough 1926 *Syn.*
Ephemerella floripara McCafferty 1985 (*Ephemerella*)
Ephemerella fratercula McDunnough 1925 (*Ephemerella*)
Ephemerella hispida Allen and Edmunds 1965 (*Ephemerella*)
Ephemerella inconstans Traver 1932 (*Ephemerella*)
Ephemerella inermis Eaton 1884 (*Ephemerella*)
Ephemerella infrequens McDunnough 1924 (*Ephemerella*)
Ephemerella invaria Walker 1853 (*Baetis*)
Ephemerella lacustris Allen and Edmunds 1965 (*Ephemerella*)
Ephemerella maculata Traver 1934 (*Ephemerella*)
Ephemerella euterpe Traver 1934 *Syn.*
Ephemerella moffatae Allen 1977 (*Ephemerella*)
Ephemerella mollitia Seemann 1927 (*Ephemerella*)
Ephemerella mucronata Bengtsson 1909 (*Chitonophora*)
Ephemerella needhami McDunnough 1925 (*Ephemerella*)
Ephemerella ora Burks 1949 (*Ephemerella*)
Ephemerella quebecensis Provancher 1876 (*Cloe*)
Ephemerella rama Allen 1968 (*Ephemerella*)
Ephemerella rossi Allen and Edmunds 1965 (*Ephemerella*)
Ephemerella rotunda Morgan 1911 (*Ephemerella*)
Ephemerella vernalis Banks 1914 *Syn.*
Ephemerella feminina Needham 1924 *Syn.*
Ephemerella septentrionalis McDunnough 1925 (*Ephemerella*)
Ephemerella simila Allen and Edmunds 1965 (*Ephemerella*)
Ephemerella subvaria McDunnough 1931 (*Ephemerella*)
Ephemerella unicornis Needham 1905 (*Ephemerella*)
Ephemerella verruca Allen and Edmunds 1965 (*Ephemerella*)

Eurylophella Tiensuu 1935*Melanameletus Tiensuu 1935 Syn.*

Eurylophella aestiva McDunnough 1931 (*Ephemerella*)
Eurylophella bartoni Allen 1977 (*Ephemerella*)
Eurylophella bicolor Clemens 1913 (*Ephemerella*)
Eurylophella bicoloroides McDunnough 1938 (*Ephemerella*)
Eurylophella coxalis McDunnough 1926 (*Ephemerella*)
Eurylophella doris Traver 1934 (*Ephemerella*)
Ephemerella trilineata Berner 1946 *Syn.*
Eurylophella enoensis Funk 1994 (*Eurylophella*)
Eurylophella funeralis McDunnough 1925 (*Ephemerella*)
Eurylophella lodi Mayo 1952 (*Ephemerella*)
Eurylophella lutulenta Clemens 1913 (*Ephemerella*)
Ephemerella lineata Clemens 1913 *Syn.*
Eurylophella macdunnoughi Funk 1994 (*Eurylophella*)
Eurylophella minimella McDunnough 1931 (*Ephemerella*)
Eurylophella poconoensis Funk 1994 (*Eurylophella*)
Eurylophella prudentalis McDunnough 1931 (*Ephemerella*)
Eurylophella temporalis McDunnough 1924 (*Ephemerella*)
Eurylophella versimilis McDunnough 1930 (*Ephemerella*)

Serratella Edmunds 1959

Serratella carolina Berner and Allen 1961 (*Ephemerella*)
Serratella deficiens Morgan 1911 (*Ephemerella*)
Ephemerella atrescens McDunnough 1925 *Syn.*
Serratella frisoni McDunnough 1927 (*Ephemerella*)
Serratella levis Day 1954 (*Ephemerella*)
Serratella micheneri Traver 1934 (*Ephemerella*)
Serratella molita McDunnough 1930 (*Ephemerella*)
Serratella sequoia Allen and Collins 1968 (*Ephemerella*)
Serratella serrata Morgan 1911 (*Ephemerella*)
Serratella serratoides McDunnough 1931 (*Ephemerella*)
Serratella sordida McDunnough 1925 (*Ephemerella*)
Serratella spiculosa Berner and Allen 1961 (*Ephemerella*)
Serratella teresa Traver 1934 (*Ephemerella*)
Ephemerella cognata Traver 1934 *Syn.*
Serratella tibialis McDunnough 1924 (*Ephemerella*)
Ephemerella angusta Traver 1934 *Syn.*

Serratella velmae Allen and Edmunds 1963 (*Ephemerella*)**Timpanoga Needham 1927***Dannella Edmunds 1959 Syn.*

Timpanoga hecuba Eaton 1884 (*Ephemerella*)
Timpanoga lita Burks 1949 (*Ephemerella*)
Timpanoga provonshai McCafferty 1977 (*Ephemerella*)
Timpanoga simplex McDunnough 1925 (*Ephemerella*)

EPHEMERIDAE**Ephemera Linnaeus 1758***Nirvius Navás 1922 Syn.*

Ephemera blanda Traver 1932 (*Ephemera*)
Ephemera compar Hagen 1875 (*Ephemera*)
Ephemera guttulata Pictet 1843 (*Ephemera*)
Ephemera simulans Walker 1853 (*Ephemera*)
Ephemera decora Walker 1853 *Syn.*
Palingenia natata Walker 1853 *Syn.*
Ephemera traveri Spieth 1938 (*Ephemera*)
Ephemera traverae Spieth 1938 *Emend.*
Ephemera triplex Traver 1935 (*Ephemera*)
Ephemera varia Eaton 1883 (*Ephemera*)

Hexagenia Walsh 1863

Hexagenia atrocaudata McDunnough 1924 (*Hexagenia*)
Hexagenia bilineata Say 1824 (*Baetis*)
Hexagenia limbata Serville 1829 (*Ephemera*)
Palingenia occulta Walker 1853 *Syn.*
Palingenia viridescens Walker 1853 *Syn.*
Hexagenia munda Eaton 1883 *Syn.*
Hexagenia variabilis Eaton 1883 *Syn.*
Hexagenia venusta Eaton 1883 *Syn.*
Hexagenia affiliata McDunnough 1927 *Syn.*
Hexagenia carolina Traver 1931 *Syn.*
Hexagenia elegans Traver 1931 *Syn.*
Hexagenia marilandica Traver 1931 *Syn.*
Hexagenia mingo Traver 1931 *Syn.*
Hexagenia rosacea Traver 1931 *Syn.*
Hexagenia weewa Traver 1931 *Syn.*
Hexagenia pallens Traver 1935 *Syn.*
Hexagenia californica Upholt 1937 *Syn.*
Hexagenia kanuga Traver 1937 *Syn.*
Hexagenia orlando Traver 1931 (*Hexagenia*)
Hexagenia rigida McDunnough 1924 (*Hexagenia*)

Litobranca McCafferty 1971*Litobranca recurvata* Morgan 1913 (*Hexagenia*)**Pentagenia Walsh 1863**

Pentagenia robusta McDunnough 1926 (*Pentagenia*)
Pentagenia vittigera Walsh 1862 (*Pentagenia*)
Pentagenia quadripunctata Walsh 1863 *Syn.*

HEPTAGENIIDAE

Acanthomola Whiting and Lehmkuhl 1987

Acanthomola pubescens Whiting and Lehmkuhl 1987
(*Acanthomola*)

Anepeorus McDunnough 1925

Spinadis Edmunds and Jensen 1974 Syn.

Anepeorus rusticus McDunnough 1925 (*Anepeorus*)

Anepeorus simplex Walsh 1863 (*Heptagenia*)

Spinadis wallacei Edmunds and Jensen 1974 Syn.

Cinygma Eaton 1885

Cinygma dimicki McDunnough 1934 (*Cinygma*)

Cinygma integrum Eaton 1885 (*Cinygma*)

Cinygma lyriformis McDunnough 1924 (*Ecdyonurus*)

Ecdyonurus hyalinus Esben-Petersen 1916 Homo.

Ecdyonurus peterseni Lestage 1930 Syn.

Heptagenia abnormis Tshernova 1949 Syn.

Cinygmula McDunnough 1933

Cinygmula confusa McDunnough 1924 (*Cinygma*)

Cinygmula garterelli McDunnough 1934 (*Cinygmula*)

Cinygmula kootenai McDunnough 1943 (*Cinygmula*)

Cinygmula mimus Eaton 1885 (*Cinygma*)

Cinygmula par Eaton 1885 (*Cinygma*)

Cinygma hyalina McDunnough 1924 Syn.

Cinygmula ramaleyi Dodds 1923 (*Ecdyonurus*)

Iron tollandi Dodds 1923 Syn.

Cinygmula reticulata McDunnough 1934 (*Cinygmula*)

Cinygmula subaequalis Banks 1914 (*Heptagenia*)

Cinygma atlantica McDunnough 1924 Syn.

Cinygmula tarda McDunnough 1929 (*Cinygma*)

Cinygmula tioga Mayo 1952 (*Cinygmula*)

Cinygmula uniformis McDunnough 1934 (*Cinygmula*)

Epeorus Eaton 1881

Iron Eaton 1883 Syn.

Ironopsis Traver 1935 Syn.

Epeiron Demoulin 1964 Syn.

Epeorus albertae McDunnough 1924 (*Iron*)

Iron youngi Traver 1935 Syn.

Epeorus deceptiva McDunnough 1924 (*Cinygma*)

Epeorus dispar Traver 1933 (*Iron*)

Epeorus dulciana McDunnough 1935 (*Iron*)

Epeorus fragilis Morgan 1911 (*Iron*)

Iron tenuis Traver 1935 Syn.

Epeorus frisoni Burks 1946 (*Iron*)

Epeorus grandis McDunnough 1924 (*Iron*)

Epeorus hespera Banks 1924 (*Rhithrogena*)

Iron sanctagabriel Traver 1935 Syn.

Epeorus lagunitas Traver 1935 (*Iron*)

Epeorus longimanus Eaton 1885 (*Iron*)

Iron proprius Traver 1935 Syn.

Epeorus margarita Edmunds and Allen 1964 (*Epeorus*)

Epeorus namatus Burks 1946 (*Iron*)

Epeorus permagnus Traver 1935 (*Ironopsis*)

Epeorus pleuralis Banks 1910 (*Heptagenia*)

Iron confusus Traver 1935 Syn.

Iron fraudator Traver 1935 Syn.

Epeorus punctatus McDunnough 1925 (*Iron*)

Epeorus rubidus Traver 1933 (*Iron*)

Epeorus subpallidus Traver 1937 (*Iron*)

Epeorus suffusus McDunnough 1925 (*Iron*)

Epeorus vitrea Walker 1853 (*Palingenia*)

Epeorus humeralis Morgan 1911 Syn.

Heptagenia Walsh 1863

Heptagenia adequata McDunnough 1924 (*Heptagenia*)

Heptagenia culacantha Evans, Botts, and Flowers 1985

(*Heptagenia*)

Heptagenia diabasia Burks 1946 (*Heptagenia*)

Heptagenia dolosa Traver 1935 (*Heptagenia*)

Heptagenia elegantula Eaton 1885 (*Rhithrogena*)

Heptagenia coxalis Banks 1914 *Syn.*

Heptagenia querula McDunnough 1924 Syn.

Heptagenia flavescens Walsh 1862 (*Palingenia*)

Heptagenia julia Traver 1933 (*Heptagenia*)

Heptagenia manifesta Eaton 1885 (*Rhithrogena*)

Baetis debilis Walsh 1862 *Homo.*

Heptagenia marginalis Banks 1910 (*Heptagenia*)

Heptagenia patoka Burks 1946 (*Heptagenia*)

Heptagenia pullus Clemens 1913 (*Ecdyurus*)

Ecdyurus grandis Clemens 1913 *Syn.*

Heptagenia solitaria McDunnough 1924 (*Heptagenia*)

Heptagenia townesi Traver 1935 (*Heptagenia*)

Ironodes Traver 1935

Ironodes arctus Traver 1935 (*Ironodes*)

Ironodes californicus Banks 1910 (*Iron*)

Ironodes flavipennis Traver 1935 (*Ironodes*)

Ironodes geminatum Eaton 1885 (*Cinygma*)

Ironodes lepidus Traver 1935 (*Ironodes*)

Ironodes nitidus Eaton 1885 (*Iron*)

Leucrocuta Flowers 1980

Leucrocuta aphrodite McDunnough 1926 (*Heptagenia*)

Leucrocuta hebe McDunnough 1924 (*Heptagenia*)

Leucrocuta jewetti Allen 1966 (*Heptagenia*)

Leucrocuta junio McDunnough 1924 (*Heptagenia*)

Leucrocuta maculipennis Walsh 1863 (*Heptagenia*)

Leucrocuta minerva McDunnough 1924 (*Heptagenia*)

Leucrocuta petersi Allen 1966 (*Heptagenia*)

Leucrocuta thetis Traver 1935 (*Heptagenia*)

Leucrocuta umbratica McDunnough 1931 (*Heptagenia*)

Leucrocuta walshi McDunnough 1926 (*Heptagenia*)

Macdunnoa Lehmkuhl 1979

Macdunnoa brunnea Flowers 1982 (*Macdunnoa*)

Macdunnoa nipawinia Lehmkuhl 1979 (*Macdunnoa*)

Macdunnoa persimplex McDunnough 1929 (*Heptagenia*)

Nixe Flowers 1980

Nixe criddlei McDunnough 1927 (*Heptagenia*)

Nixe flowersi McCafferty 1982 (*Nixe*)

Nixe horrida McDunnough 1926 (*Heptagenia*)

Nixe inconspicua McDunnough 1924 (*Heptagenia*)

Nixe kennedyi McDunnough 1924 (*Heptagenia*)

Nixe lucidipennis Clemens 1913 (*Ecdyurus*)

Nixe otiosa McDunnough 1935 (*Heptagenia*)

Nixe perfida McDunnough 1926 (Heptagenia)
 Nixe rodocki Traver 1935 (Heptagenia)
 Nixe rosea Traver 1935 (Heptagenia)
Heptagenia rubroventris Traver 1935 Syn.
 Nixe rusticalis McDunnough 1931 (Heptagenia)
 Nixe simplicioides McDunnough 1924 (Heptagenia)
Heptagenia werestschagini Tshernova 1952 Syn.
Rhithrogena imanica Bajkova 1972 Syn.
 Nixe spinosa Traver 1933 (Heptagenia)

Raptoheptagenia Whiting and Lehmkuhl 1987

Raptoheptagenia cruentata Walsh 1863 (Heptagenia)
Heptagenia reversalis McDunnough 1924 Syn.

Rhithrogena Eaton 1881

Rhithrogena amica Traver 1935 (Rhithrogena)
 Rhithrogena anomala McDunnough 1928 (Rhithrogena)
 Rhithrogena brunneotincta McDunnough 1933 (Rhithrogena)
 Rhithrogena decora Day 1954 (Rhithrogena)
 Rhithrogena exilis Traver 1933 (Rhithrogena)
 Rhithrogena fasciata Traver 1933 (Rhithrogena)
 Rhithrogena flavianula McDunnough 1924 (Heptagenia)
 Rhithrogena fuscifrons Traver 1933 (Rhithrogena)
 Rhithrogena futilis McDunnough 1934 (Rhithrogena)
 Rhithrogena gaspeensis McDunnough 1933 (Rhithrogena)
 Rhithrogena hageni Eaton 1885 (Rhithrogena)
Heptagenia brunnea Hagen 1875 Homo.
Rhithrogena doddsi McDunnough 1926 Syn.
 Rhithrogena impersonata McDunnough 1925 (Heptagenia)
Rhithrogena sanguinea Ide 1954 Syn.
 Rhithrogena jejuna Eaton 1885 (Rhithrogena)
Baetis fusca Walker 1853 Homo.
 Rhithrogena morrisoni Banks 1924 (Epeorus)
Iron petulans Seemann 1927 Syn.
 Rhithrogena pellucida Daggy 1945 (Rhithrogena)
 Rhithrogena plana Allen and Chao 1978 (Rhithrogena)
 Rhithrogena robusta Dodds 1923 (Rhithrogena)
 Rhithrogena rubicunda Traver 1937 (Rhithrogena)
 Rhithrogena uhari Traver 1933 (Rhithrogena)
 Rhithrogena undulatus Banks 1924 (Epeorus)
 Rhithrogena virilis McDunnough 1934 (Rhithrogena)
 Rhithrogena vitta Allen and Chao 1978 (Rhithrogena)

Stenacron Jensen 1974

Stenacron candidum Traver 1935 (Stenonema)
 Stenacron carolina Banks 1914 (Heptagenia)
 Stenacron floridense Lewis 1974 (Stenonema)
 Stenacron gildersleevei Traver 1935 (Stenonema)
 Stenacron interpunctata Say 1839 (Baetis)
Baetis canadensis Walker 1853 Syn.
Heptagenia frontalis Banks 1910 Syn.
Ecdyonurus hetrotarsalis McDunnough 1933 Syn.
Stenonema affine Traver 1933 Syn.
Stenonema conjunctum Traver 1935 Syn.
Stenonema majus Traver 1935 Syn.
Stenonema ohioense Traver 1935 Syn.
Stenonema proximum Traver 1935 Syn.
Stenonema aerion Burks 1935 Syn.
 Stenacron minnetonka Daggy 1945 (Stenonema)
 Stenacron pallidum Traver 1933 (Stenonema)

Stenonema Traver 1933

Stenonema bednariki McCafferty 1981 (Stenonema)
 Stenonema carlsoni Lewis 1974 (Stenonema)

Stenonema exiguum Traver 1933 (Stenonema)
Stenonema alabamae Traver 1937 Syn.
Stenonema quinquespinum Lewis 1974 Syn.
 Stenonema femorata Say 1823 (Baetis)
Heptagenia tripunctata Banks 1910 Syn.
Stenonema birdi Traver 1935 Syn.
Stenonema scitulum Traver 1935 Syn.
 Stenonema flaveola Pictet 1843 (Baetis)
 Stenonema ithaca Clemens and Leonard 1924 (Heptagenia)
Stenonema allegheniense Carle 1977 Syn.
 Stenonema lenati McCafferty 1990 (Stenonema)
 Stenonema lutea Clemens 1913 (Heptagenia)
 Stenonema mediopunctatus McDunnough 1926 (Ecdyonurus)
Ecdyonurus nepotellus McDunnough 1933 Syn.
 Stenonema meririvulatum Carle and Lewis 1978 (Stenonema)
 Stenonema mexicana Ulmer 1920 (Heptagenia)
Heptagenia integer McDunnough 1924 Syn.
Stenonema bellum Traver 1933 Syn.
Stenonema wabasha Daggy 1945 Syn.
Stenonema metriotes Burks 1953 Syn.
 Stenonema modestus Banks 1910 (Epeorus)
Heptagenia rubromaculata Clemens 1913 Syn.
Ecdyonurus ruber McDunnough 1926 Syn.
Stenonema annexum Traver 1933 Syn.
Stenonema varium Traver 1933 Syn.
 Stenonema pudica Hagen 1861 (Ephemera)
 Stenonema pulchella Walsh 1862 (Palingenia)
 Stenonema sinclairi Lewis 1979 (Stenonema)
 Stenonema smithae Traver 1937 (Stenonema)
 Stenonema terminata Walsh 1862 (Palingenia)
Heptagenia placita Banks 1910 Syn.
Ecdyonurus bipunctatus McDunnough 1926 Syn.
Stenonema leptum Burks 1946 Syn.
Stenonema ares Burks 1953 Syn.
 Stenonema vicaria Walker 1853 (Baetis)
Baetis tessellata Walker 1853 Syn.
Heptagenia fusca Clemens 1913 Syn.
Ecdyonurus rivulicolus McDunnough 1933 Syn.

ISONYCHIIDAE

Isonychia Eaton 1871

Jolia Eaton 1881 Syn.
Chironetes Eaton 1881 Emend.
Eatonia Ali 1970 Unav.

Isonychia arida Say 1839 (Baetis)
Isonychia pictipes Traver 1934 Syn.
 Isonychia bernerii Kondratieff and Voshell 1984 (Isonychia)
 Isonychia bicolor Walker 1853 (Palingenia)
Chironetes albomanicatus Needham 1905 Syn.
Isonychia pacoleta Traver 1932 Syn.
Isonychia christina Traver 1934 Syn.
Isonychia circe Traver 1934 Syn.
Isonychia fattigi Traver 1934 Syn.
Isonychia harperi Traver 1934 Syn.
Isonychia matilda Traver 1934 Syn.
Isonychia sadleri Traver 1934 Syn.
 Isonychia campestris McDunnough 1931 (Isonychia)
 Isonychia diversa Traver 1934 (Isonychia)
 Isonychia georgiae McDunnough 1931 (Isonychia)

Isonychia hoffmani Kondratieff and Voshell 1984 (Isonychia)
 Isonychia intermedius Eaton 1885 (Chironetetes)
 Isonychia notata Traver 1932 (Isonychia)
 Isonychia obscura Traver 1932 (Isonychia)
 Isonychia rufa McDunnough 1931 (Isonychia)
 Isonychia sayi Burks 1953 (Isonychia)
 Isonychia serrata Traver 1932 (Isonychia)
 Isonychia sicca Walsh 1862 (Baetis)
Isonychia manca Eaton 1871 Syn.
Isonychia edmundsi Kondratieff and Voshell 1984 Syn.
 Isonychia similis Traver 1932 (Isonychia)
 Isonychia tuscalanensis Berner 1948 (Isonychia)
 Isonychia velma Needham 1932 (Isonychia)

LEPTOHYPHIDAE

Leptohyphes Eaton 1882

Leptohyphes apache Allen 1967 (Leptohyphes)
 Leptohyphes dolani Allen 1967 (Leptohyphes)
 Leptohyphes ferruginus Allen and Brusca 1973 (Leptohyphes)
 Leptohyphes michaeli Allen 1978 (Leptohyphes)
 Leptohyphes mirus Allen 1967 (Leptohyphes)
 Leptohyphes packeri Allen 1967 (Leptohyphes)
Leptohyphes phalarobranchus Kilgore and Allen 1973 Syn.
 Leptohyphes paraguttatus Allen 1978 (Leptohyphes)
 Leptohyphes quercus Kilgore and Allen 1973 (Leptohyphes)
 Leptohyphes robacki Allen 1967 (Leptohyphes)
 Leptohyphes sabinas Traver 1958 (Leptohyphes)
Leptohyphes consortis Allen and Brusca 1973 Syn.
 Leptohyphes succinus Allen 1978 (Leptohyphes)
 Leptohyphes vescus Allen 1978 (Leptohyphes)

Tricorythodes Ulmer 1920

Tricorythodes albilineatus Berner 1946 (Tricorythodes)
 Tricorythodes allecta Needham 1905 (Caenis)
Tricorythus atratus McDunnough 1923 Syn.
Tricorythodes peridius Burks 1953 Syn.
 Tricorythodes cobbi Alba-Tercedor and Flannagan 1995
 (Tricorythodes)
 Tricorythodes condylus Allen 1967 (Tricorythodes)
 Tricorythodes corpulentus Kilgore and Allen 1973 (Tricorythodes)
 Tricorythodes curvatus Allen 1977 (Tricorythodes)
 Tricorythodes dimorphus Allen 1967 (Tricorythodes)
 Tricorythodes edmundsi Allen 1967 (Tricorythodes)
 Tricorythodes explicatus Eaton 1892 (Tricorythus)
 Tricorythodes fictus Traver 1935 (Tricorythodes)
 Tricorythodes minutus Traver 1935 (Tricorythodes)
Tricorythodes fallax Traver 1935 Syn.
Tricorythodes fallacina McDunnough 1939 Syn.
 Tricorythodes mosegus Alba-Tercedor and Flannagan 1995
 (Tricorythodes)
 Tricorythodes stygiatus McDunnough 1931 (Tricorythodes)
 Tricorythodes texanus Traver 1935 (Tricorythodes)

LEPTOPHLEBIIDAE

Choroterpes Eaton 1881

Choroterpes albiannulata McDunnough 1924 (Choroterpes)
 Choroterpes basalis Banks 1900 (Leptophlebia)
Choroterpes ferruginea Traver 1934 Syn.
Choroterpes fusca Spieth 1938 Syn.
Choroterpes hubbelli Berner 1946 Syn.
 Choroterpes inornata Eaton 1892 (Choroterpes)
Choroterpes oaxacaensis Brusca and Allen 1973 Syn.
 Choroterpes terratoma Seemann 1927 (Choroterpes)

Farrodes Peters 1971

Farrodes texanus Davis 1987 (Farrodes)

Habrophlebia Eaton 1881

Habrophlebia vibrans Needham 1907 (Habrophlebia)
Habrophlebia jocosa Banks 1914 Syn.
Habrophlebia pusilla Traver 1932 Syn.

Habrophlebiodes Ulmer 1920

Habrophlebiodes americana Banks 1903 (Habrophlebia)
Choroterpes betteni Needham 1908 Syn.
 Habrophlebiodes annulata Traver 1934 (Habrophlebiodes)
 Habrophlebiodes brunneipennis Berner 1946 (Habrophlebiodes)
 Habrophlebiodes celeteria Berner 1975 (Habrophlebiodes)

Leptophlebia Westwood 1840

Blasturus Eaton 1881 Syn.
Euphyurus Bengtsson 1909 Syn.

Leptophlebia austrinus Traver 1932 (Blasturus)
 Leptophlebia bradleyi Needham 1932 (Leptophlebia)
 Leptophlebia collinus Traver 1932 (Blasturus)
 Leptophlebia cupida Say 1823 (Ephemera)
Ephemera hebes Walker 1853 Syn.
Palingenia concinna Walker 1853 Syn.
Palingenia pallipes Walker 1853 Syn.
Baetis ignava Hagen 1861 Syn.
 Leptophlebia grandis Traver 1932 (Blasturus)
 Leptophlebia gravastellus Eaton 1884 (Blasturus)
 Leptophlebia intermedius Traver 1932 (Blasturus)
 Leptophlebia johnsoni McDunnough 1924 (Leptophlebia)
Blasturus gracilis Traver 1932 Syn.
 Leptophlebia nebulosa Walker 1853 (Palingenia)
Potamanthus odonatus Walsh 1862 Syn.
 Leptophlebia pacificus McDunnough 1933 (Blasturus)
Blasturus vibex Traver 1934 Syn.

Neochoroterpes Allen 1974

Neochoroterpes kossi Allen 1974 (Choroterpes)
 Neochoroterpes nanita Traver 1934 (Choroterpes)
Choroterpes crocatus Allen 1974 Syn.
 Neochoroterpes oklahoma Traver 1934 (Choroterpes)
Choroterpes mexicanus Allen 1974 Syn.

Paraleptophlebia Lestage 1917

Oligophlebia Demoulin 1965 Syn.

Paraleptophlebia adoptiva McDunnough 1929 (Leptophlebia)
 Paraleptophlebia altana Kilgore and Allen 1973 (Paraleptophlebia)
 Paraleptophlebia aquilina Harper and Harper 1986
 (Paraleptophlebia)
 Paraleptophlebia assimilis Banks 1914 (Leptophlebia)

Paraleptophlebia associata McDunnough 1924 (Leptophlebia)
Paraleptophlebia compar Traver 1934 *Syn.*
 Paraleptophlebia bicornuta McDunnough 1926 (Leptophlebia)
 Paraleptophlebia brunneipennis McDunnough 1924 (Leptophlebia)
 Paraleptophlebia cachea Day 1954 (Paraleptophlebia)
 Paraleptophlebia calcarita Robotham and Allen 1988
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 Paraleptophlebia californica Traver 1934 (Paraleptophlebia)
 Paraleptophlebia clara McDunnough 1933 (Leptophlebia)
 Paraleptophlebia debilis Walker 1853 (Baetis)
Leptophlebia separata Ulmer 1920 *Syn.*
 Paraleptophlebia falcata Traver 1934 (Paraleptophlebia)
 Paraleptophlebia georgiana Traver 1934 (Paraleptophlebia)
 Paraleptophlebia gregalis Eaton 1884 (Leptophlebia)
Leptophlebia invalida McDunnough 1926 *Syn.*
 Paraleptophlebia guttata McDunnough 1924 (Leptophlebia)
 Paraleptophlebia helena Day 1952 (Paraleptophlebia)
 Paraleptophlebia heteronea McDunnough 1924 (Leptophlebia)
 Paraleptophlebia jeanae Berner 1955 (Paraleptophlebia)
 Paraleptophlebia kirchneri Kondratieff and Durfee 1994
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 Paraleptophlebia memorialis Eaton 1884 (Leptophlebia)
Leptophlebia pallipes Hagen 1875 *Homo.*
 Paraleptophlebia moerens McDunnough 1924 (Leptophlebia)
 Paraleptophlebia mollis Eaton 1871 (Leptophlebia)
Cloe mollis Hagen 1861 *Unav.*
 Paraleptophlebia ontario McDunnough 1926 (Leptophlebia)
 Paraleptophlebia packi Needham 1927 (Leptophlebia)
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 Paraleptophlebia temporalis McDunnough 1926 (Leptophlebia)
 Paraleptophlebia vaciva Eaton 1884 (Leptophlebia)
 Paraleptophlebia volitans McDunnough 1924 (Leptophlebia)
 Paraleptophlebia zayante Day 1952 (Paraleptophlebia)

Thraulodes Ulmer 1920

Thraulodes brunneus Koss 1966 (Thraulodes)
 Thraulodes gonzalesi Traver and Edmunds 1967 (Thraulodes)
Thraulodes salinus Kilgore and Allen 1973 *Syn.*
 Thraulodes speciosus Traver 1934 (Thraulodes)
Thraulodes arizonicus McDunnough 1942 *Syn.*

Traverella Edmunds 1948

Traverella albertanus McDunnough 1931 (Thraulodes)
Traverella castanea Kilgore and Allen 1973 *Syn.*
 Traverella lewisi Allen 1973 (Traverella)
 Traverella presidianus Traver 1934 (Thraulodes)

METRETOPODIDAE**Metretopus Eaton 1901**

Metretopus alter Bengtsson 1930 (Metretopus)
 Metretopus borealis Eaton 1871 (Heptagenia)
Metretopus norvegicus Eaton 1901 *Syn.*

Siphloplecton Clemens 1915

Siphloplecton basalis Walker 1853 (Baetis)
Siphylurus flexus Clemens 1913 *Syn.*
Siphloplecton signatum Traver 1932 *Syn.*
 Siphloplecton brunneum Berner 1978 (Siphloplecton)
 Siphloplecton costalense Spieth 1938 (Siphloplecton)
 Siphloplecton fuscum Berner 1978 (Siphloplecton)
 Siphloplecton interlineata Walsh 1863 (Baetis)
Baetis femorata Walsh 1862 *Homo.*
 Siphloplecton simile Berner 1978 (Siphloplecton)
 Siphloplecton speciosum Traver 1932 (Siphloplecton)

NEOEPHEMERIDAE**Neophemera McDunnough 1925**
Oreianthus Traver 1931 *Syn.*

Neophemera bicolor McDunnough 1925 (Neophemera)
 Neophemera compressa Berner 1956 (Neophemera)
 Neophemera purpureus Traver 1931 (Oreianthus)
 Neophemera youngi Berner 1953 (Neophemera)

OLIGONEURIIDAE**Homoeoneuria Eaton 1881**

Homoeoneuria alleni Pescador and Peters 1980 (Homoeoneuria)
 Homoeoneuria ammophila Spieth 1938 (Oligoneuria)
 Homoeoneuria cahabensis Pescador and Peters 1980
 (Homoeoneuria)
 Homoeoneuria dolani Edmunds, Berner, and Traver 1958
 (Homoeoneuria)

Lachlania Hagen 1868

Neophlebia Navás 1912 *Syn.*
Noya Navás 1912 *Syn.*
Noyopsis Navás 1924 *Syn.*
Alloydia Needham 1932 *Syn.*

Lachlania dencyanna Koss 1970 (Lachlania)
 Lachlania saskatchewanensis Ide 1941 (Lachlania)
Lachlania powelli Edmunds 1951 *Syn.*

POLYMITARCYIDAE**Campsurus Eaton 1868**

Campsurus decolorata Hagen 1861 (Palingenia)

Ephoron Williamson 1802

Polymitarceys Eaton 1868 Syn.
Eopolymitarceys Tshernova 1934 Syn.

Ephoron alba Say 1824 (Baetis)
 Ephoron leukon Williamson 1802 (Ephoron)

Tortopus Needham and Murphy 1924

Tortopus circumfluis Ulmer 1942 (Tortopus)
 Tortopus primus McDunnough 1924 (Campsurus)
Campsurus manitobensis Ide 1941 Syn.
 Tortopus puella Pictet 1843 (Palingenia)
Campsurus incertus Traver 1935 Syn.

POTAMANTHIDAE

Anthopotamus McCafferty and Bae 1990

Anthopotamus distinctus Traver 1935 (Potamanthus)
 Anthopotamus myops Walsh 1863 (Ephemera)
Potamanthus medius Banks 1908 Syn.
Potamanthus inequalis Needham 1909 Syn.
Potamanthus rufous Argo 1927 Syn.
 Anthopotamus neglectus Traver 1935 (Potamanthus)
 Anthopotamus verticis Say 1839 (Baetis)
Ephemera flaveola Walsh 1862 Syn.
Potamanthus diaphanus Needham 1907 Syn.
Potamanthus betteni Morgan 1913 Syn.
Potamanthus walkeri Ide 1935 Syn.

PSEUDIRONIDAE

Pseudiron McDunnough 1931

Pseudiron centralis McDunnough 1931 (Pseudiron)
Pseudiron meridionalis Traver 1935 Syn.

SIPHLONURIDAE

Edmundsius Day 1953

Edmundsius agilis Day 1953 (Edmundsius)

Parameletus Bengtsson 1908

Eatonia Bengtsson 1904 Unav.
Potameis Bengtsson 1909 Syn.
Sparrea Esben-Petersen 1909 Syn.
Palmenia Aro 1910 Syn.
Siphonuroides McDunnough 1923 Syn.

Parameletus chelifer Bengtsson 1908 (Parameletus)
Sparrea norvegica Esben-Petersen 1909 Syn.
 Parameletus columbiae McDunnough 1938 (Parameletus)

Parameletus croesus McDunnough 1923 (Siphonuroides)
 Parameletus midas McDunnough 1923 (Siphonuroides)

Siphlonisca Needham 1909

Siphlonisca aerodromia Needham 1909 (Siphlonisca)

Siphlonurus Eaton 1868

Siphlorus Eaton 1871 Emend.
Siphlorella Bengtsson 1909 Syn.
Andromina Navás 1912 Syn.

Siphlonurus alternata Say 1824 (Baetis)
Baetis annulata Walker 1853 Syn.
Baetis femorata Provancher 1876 Syn.
 Siphlonurus autumnalis McDunnough 1931 (Siphlonurus)
 Siphlonurus barbaroides McDunnough 1929 (Siphlonurus)
 Siphlonurus barbarus McDunnough 1924 (Siphlonurus)
 Siphlonurus columbianus McDunnough 1925 (Siphlonurus)
 Siphlonurus decorus Traver 1932 (Siphlonurus)
 Siphlonurus demaryi Kondratieff and Voshell 1981 (Siphlonurus)
 Siphlonurus luridipennis Burmeister 1839 (Baetis)
 Siphlonurus marginatus Traver 1932 (Siphlonurus)
 Siphlonurus marshalli Traver 1934 (Siphlonurus)
 Siphlonurus minnoi Provonsa and McCafferty 1982 (Siphlonurus)
 Siphlonurus noveboracana Lichtenstein 1796 (Ephemera)
 Siphlonurus occidentalis Eaton 1885 (Siphlorus)
Siphlonurus inflatus McDunnough 1931 Syn.
 Siphlonurus phyllis McDunnough 1923 (Siphlonurus)
 Siphlonurus quebecensis Provancher 1878 (Siphlonurus)
Siphlonurus triangularis Clemens 1915 Syn.
 Siphlonurus rapidus McDunnough 1924 (Siphlonurus)
 Siphlonurus securifer McDunnough 1926 (Siphlonurus)
 Siphlonurus spectabilis Traver 1934 (Siphlonurus)
Siphlonurus maria Mayo 1939 Syn.
 Siphlonurus typicus Eaton 1885 (Siphlorus)
Siphlonurus berenice McDunnough 1923 Syn.
Siphlonurus novangliae McDunnough 1924 Syn.

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arida Say *Baetis* (*Isonychiidae*) *Isonychia*
arizonensis Koss *Baetodes* (*Baetidae*) *Baetodes*

arizonicus McDunnough *Thraulodes* (*Leptophlebiidae*) *Thraulodes speciosus*
armillatus McCafferty and Waltz *Baetis* (*Baetidae*) *Baetis*
aroni Eaton *Ephemerella* (*Ephemerellidae*) *Ephemerella aurivillii*
asperatum Traver *Centroptilum* (*Baetidae*) *Procloeon*
assimilis Banks *Leptophlebia* (*Leptophlebiidae*) *Paraleptophlebia*
associata McDunnough *Leptophlebia* (*Leptophlebiidae*)
Paraleptophlebia
atlantica McDunnough *Cinygma* (*Heptageniidae*) *Cinygmula subaequalis*
atratus McDunnough *Tricorythus* (*Leptohyphidae*) *Tricorythodes allecta*
atrescens McDunnough *Ephemerella* (*Ephemerellidae*) *Serratella deficiens*
atrocaudata McDunnough *Hexagenia* (*Ephemeridae*) *Hexagenia*
attenuata McDunnough *Ephemerella* (*Ephemerellidae*) *Attenella*
aurivillii Bengtsson *Chitonophora* (*Ephemerellidae*) *Ephemerella*
australis Traver *Baetis* (*Baetidae*) *Labiobaetis frondalis*
austrinus Traver *Blasturus* (*Leptophlebiidae*) *Leptophlebia*
autumnalis McDunnough *Ephemerella* (*Ephemerellidae*) *Drunella spinifera*
autumnalis McDunnough *Siphonurus* (*Siphonuridae*) *Siphonurus*

b

baeticatus Burks *Baetis* (*Baetidae*) *Labiobaetis frondalis*
bajaensis Allen and Murvosh *Caenis* (*Caenidae*) *Caenis*
bajkovi Neave *Baetisca* (*Baetiscidae*) *Baetisca lacustris*
barbaroides McDunnough *Siphonurus* (*Siphonuridae*) *Siphonurus*
barbarus McDunnough *Siphonurus* (*Siphonuridae*) *Siphonurus*
bartoni Allen *Ephemerella* (*Ephemerellidae*) *Eurylophella*
basalis Banks *Leptophlebia* (*Leptophlebiidae*) *Choroterpes*
basalis Walker *Baetis* (*Metretopodidae*) *Siphoplecton*
becki Schneider and Berner *Baetisca* (*Baetiscidae*) *Baetisca*
bednariki McCafferty *Stenonema* (*Heptageniidae*) *Stenonema*
bellulus Zloty *Ameletus* (*Ameletidae*) *Ameletus*
bellum McDunnough *Centroptilum* (*Baetidae*) *Procloeon*
bellum Traver *Stenonema* (*Heptageniidae*) *Stenonema mexicana*
benfieldi Kennedy *Barbaetis* (*Baetidae*) *Barbaetis*
berenice McDunnough *Siphonurus* (*Siphonuridae*) *Siphonurus typicus*
berneri Allen and Edmunds *Ephemerella* (*Ephemerellidae*)
Ephemerella
berneri Kondratieff and Voshell *Isonychia* (*Isonychiidae*) *Isonychia*
berneri Müller-Liebenau *Rheobaetis* (*Baetidae*) *Heterocloeon*
berneri Soldán *Brachycercus* (*Caenidae*) *Brachycercus*
berneri Tarter and Kirchner *Baetisca* (*Baetiscidae*) *Baetisca*

- betteni* Morgan *Potamanthus* (*Potamanthidae*) *Anthopotamus verticis*
- betteni* Needham *Choroterpes* (*Leptophlebiidae*) *Habrophlebiodes americana*
- bibranchius McCafferty and Provonsha *Baetodes* (*Baetidae*) *Baetodes*
- bicaudatus Dodds *Baetis* (*Baetidae*) *Baetis*
- bicolor Clemens *Ephemerella* (*Ephemerellidae*) *Eurylophella*
- bicolor McDunnough *Neophemera* (*Neophemeridae*) *Neophemera*
- bicolor Walker *Palingenia* (*Isonychiidae*) *Isonychia*
- bicoloroides McDunnough *Ephemerella* (*Ephemerellidae*) *Eurylophella*
- bicornuta McDunnough *Leptophlebia* (*Leptophlebiidae*) *Paraleptophlebia*
- bifurcatum McDunnough *Centroptilum* (*Baetidae*) *Centroptilum*
- bilineata Say *Baetis* (*Ephemeridae*) *Hexagenia*
- bimaculatus Berner *Pseudocloeon* (*Baetidae*) *Baetis*
- bipunctata McDunnough *Cinygma* (*Arthropleidae*) *Arthroplea*
- bipunctatus* McDunnough *Ecdyonurus* (*Heptageniidae*) *Stenonema terminata*
- birdi* Traver *Stenonema* (*Heptageniidae*) *Stenonema femorata*
- bispina* Needham *Ephemerella* (*Ephemerellidae*) *Drunella walkeri*
- bistrigatum* Daggy *Centroptilum* (*Baetidae*) *Procloeon rufostrigatum*
- blanda Traver *Ephemera* (*Ephemeridae*) *Ephemera*
- borealis Eaton *Heptagenia* (*Metretopodidae*) *Metretopus*
- bradleyi Needham *Leptophlebia* (*Leptophlebiidae*) *Leptophlebia brevicostatus* Daggy *Callibaetis* (*Baetidae*) *Callibaetis skokianus*
- browni McDunnough *Ameletus* (*Ameletidae*) *Ameletus*
- brunnea Flowers *Macdunnoa* (*Heptageniidae*) *Macdunnoa*
- brunnea* Hagen *Heptagenia* (*Heptageniidae*) *Rhithrogena hageni*
- brunneicolor McDunnough *Baetis* (*Baetidae*) *Baetis*
- brunneipennis Berner *Habrophlebiodes* (*Leptophlebiidae*) *Habrophlebiodes*
- brunneipennis McDunnough *Leptophlebia* (*Leptophlebiidae*) *Paraleptophlebia*
- brunneotincta McDunnough *Rhithrogena* (*Heptageniidae*) *Rhithrogena*
- brunneum Berner *Siphloplecton* (*Metretopodidae*) *Siphloplecton*
- brunneus Koss *Thraulodes* (*Leptophlebiidae*) *Thraulodes*
- buanoi* Allen *Baetis* (*Baetidae*) *Fallceon quilleri*
- bundyae* Lehmkuhl *Baetis* (*Baetidae*) *Baetis bundyi*
- bundyi Lehmkuhl *Baetis* (*Baetidae*) *Baetis*
- byblis* Allen and Murvosh *Baetis* (*Baetidae*) *Fallceon quilleri*
- C**
- cachea Day *Paraleptophlebia* (*Leptophlebiidae*) *Paraleptophlebia*
- caelestis Allen and Murvosh *Baetis* (*Baetidae*) *Baetis*
- cahabensis Pescador and Peters *Homooneuria* (*Oligoneuriidae*) *Homooneuria*
- calcarita Robotham and Allen *Paraleptophlebia* (*Leptophlebiidae*) *Paraleptophlebia*
- californica Traver *Paraleptophlebia* (*Leptophlebiidae*) *Paraleptophlebia*
- californica* Upholt *Hexagenia* (*Ephemeridae*) *Hexagenia limbata*
- californicus Banks *Callibaetis* (*Baetidae*) *Callibaetis*
- californicus Banks Iron (*Heptageniidae*) *Ironodes*
- caliginosum McDunnough *Centroptilum* (*Baetidae*) *Procloeon*
- callosa Traver *Baetisca* (*Baetiscidae*) *Baetisca*
- campestris McDunnough *Isonychia* (*Isonychiidae*) *Isonychia*
- canadensis* Walker *Baetis* (*Heptageniidae*) *Stenacron interpunctata*
- candida Harper and Harper *Caenis* (*Caenidae*) *Caenis*
- candidum Traver *Stenonema* (*Heptageniidae*) *Stenacron*
- carlsoni Lewis *Stenonema* (*Heptageniidae*) *Stenonema*
- carolina* Banks *Cloeon* (*Baetidae*) *Acentrella turbidum*
- carolina* Banks *Heptagenia* (*Heptageniidae*) *Stenacron*
- carolina* Berner and Allen *Ephemerella* (*Ephemerellidae*) *Serratella*
- carolina* Traver *Baetisca* (*Baetiscidae*) *Baetisca*
- carolina* Traver *Hexagenia* (*Ephemeridae*) *Hexagenia limbata*
- carolus* Traver *Callibaetis* (*Baetidae*) *Callibaetis ferruginea*
- cascadia Allen and Edmunds *Ephemerella* (*Ephemerellidae*) *Caudatella*
- castanea* Kilgore and Allen *Traverella* (*Leptophlebiidae*) *Traverella albertanus*
- catawba Traver *Ephemerella* (*Ephemerellidae*) *Ephemerella*
- caurinus Edmunds and Allen *Baetis* (*Baetidae*) *Baetis*
- celer McDunnough *Ameletus* (*Ameletidae*) *Ameletus*
- celeroides* McDunnough *Ameletus* (*Ameletidae*) *Ameletus celer*
- celeteria Berner *Habrophlebiodes* (*Leptophlebiidae*) *Habrophlebiodes*
- centralis McDunnough *Pseudiron* (*Pseudironidae*) *Pseudiron*
- centralis Peters *Callibaetis* (*Baetidae*) *Callibaetis*
- cephus* Traver and Edmunds *Dactylobaetis* (*Baetidae*) *Camelobaetidius warreni*
- cestum Provonsha and McCafferty *Pseudocloeon* (*Baetidae*) *Barbaetis*
- chelifer Bengtsson *Parametelus* (*Siphonuridae*) *Parametelus*
- cherokee* Traver *Ephemerella* (*Ephemerellidae*) *Drunella tuberculata*
- chlorops* McDunnough *Cloeon* (*Baetidae*) *Baetis dubia*
- choctawhatchee Berner *Ephemerella* (*Ephemerellidae*) *Ephemerella*
- christina* Traver *Isonychia* (*Isonychiidae*) *Isonychia bicolor*
- cinctus McCafferty and Waltz *Baetis* (*Baetidae*) *Baetis*
- cingulatum* McDunnough *Pseudocloeon* (*Baetidae*) *Baetis cinctus*
- cingulatus* McDunnough *Baetis* (*Baetidae*) *Baetis flavistriga*
- circe* Traver *Isonychia* (*Isonychiidae*) *Isonychia bicolor*
- circumfluus Ulmer *Tortopus* (*Polymitarcyidae*) *Tortopus*
- clara McDunnough *Leptophlebia* (*Leptophlebiidae*) *Paraleptophlebia*
- cleptis* Burks *Baetis* (*Baetidae*) *Fallceon quilleri*
- cobbi Alba-Tercedor and Flannagan *Tricorythodes* (*Leptohiphidae*) *Tricorythodes*
- cognata* Traver *Ephemerella* (*Ephemerellidae*) *Serratella teresa*
- cognatum Stephens *Cloeon* (*Baetidae*) *Cloeon*
- collinus Traver *Blasturus* (*Leptophlebiidae*) *Leptophlebia*
- coloradensis* Banks *Callibaetis* (*Baetidae*) *Callibaetis ferruginea*
- coloradensis* Dodds *Ephemerella* (*Ephemerellidae*) *Drunella*
- columbiana McDunnough *Parametelus* (*Siphonuridae*) *Parametelus*
- columbiana Edmunds *Baetisca* (*Baetiscidae*) *Baetisca*
- columbianus McDunnough *Siphonurus* (*Siphonuridae*) *Siphonurus*
- columbiella* McDunnough *Ephemerella* (*Ephemerellidae*) *Caudatella heterocaudata*
- compar Hagen *Ephemera* (*Ephemeridae*) *Ephemera*
- compar* Traver *Paraleptophlebia* (*Leptophlebiidae*) *Paraleptophlebia associata*
- completa* Banks *Callibaetis* (*Baetidae*) *Callibaetis floridanus*
- compressa Berner *Neophemera* (*Neophemeridae*) *Neophemera*
- concinna* Walker *Palingenia* (*Leptophlebiidae*) *Leptophlebia cupida*
- concinata* Traver *Ephemerella* (*Ephemerellidae*) *Ephemerella aurivillii*
- condylus Allen *Tricorythodes* (*Leptohiphidae*) *Tricorythodes*
- conestee* Traver *Ephemerella* (*Ephemerellidae*) *Drunella tuberculata*
- confusa McDunnough *Cinygma* (*Heptageniidae*) *Cinygmula*
- confusus* Traver *Iron* (*Heptageniidae*) *Epeorus pleuralis*
- conjunctum* Traver *Stenonema* (*Heptageniidae*) *Stenacron interpunctata*
- connectina* McDunnough *Ameletus* (*Ameletidae*) *Ameletus velox*
- connectus* McDunnough *Ameletus* (*Ameletidae*) *Ameletus velox*
- consimilis Walsh *Ephemerella* (*Ephemerellidae*) *Ephemerella*
- consortis* Allen and Brusca *Leptohiphes* (*Leptohiphidae*) *Leptohiphes sabinas*
- conturbatum McDunnough *Centroptilum* (*Baetidae*) *Procloeon*
- convexum Ide *Centroptilum* (*Baetidae*) *Procloeon*

cooki McDunnough Ameletus (Ameletidae) Ameletus
 cornuta Morgan Ephemerella (Ephemerellidae) Drunella
 cornutella McDunnough Ephemerella (Ephemerellidae) Drunella
 corpulentus Kilgore and Allen Tricorythodes (Leptohyphidae)
 Tricorythodes
 costalense Spieth Siphloplecton (Metretopodidae) Siphloplecton
 coxalis Banks Heptagenia (Heptageniidae) Heptagenia elegantula
 coxalis McDunnough Ephemerella (Ephemerellidae) Eurylophella
 crenula Allen and Edmunds Ephemerella (Ephemerellidae)
 Ephemerella
 criddlei McDunnough Heptagenia (Heptageniidae) Nixe
 crocatus Allen Choroterpes (Leptophlebiidae) Neochoroterpes
 nanita
 croesus McDunnough Siphonuroides (Siphonuridae) Parameletus
 cruentata Walsh Heptagenia (Heptageniidae) Rptoheptagenia
 cryptostimulus Carle Ameletus (Ameletidae) Ameletus
 culacantha Evans, Botts, and Flowers Heptagenia (Heptageniidae)
 Heptagenia
 cupida Say Ephemera (Leptophlebiidae) Leptophlebia
 curiosum McDunnough Centroptilum (Baetidae) Heterocloeon
 curvatus Allen Tricorythodes (Leptohyphidae) Tricorythodes

d

dardanus McDunnough Baetis (Baetidae) Labiobaetis
 debilis Walker Baetis (Leptophlebiidae) Paraleptophlebia
 debilis Walsh Baetis (Heptageniidae) Heptagenia manifesta
 deceptiva McDunnough Cinygma (Heptageniidae) Epeorus
 decolorata Hagen Palingenia (Polymitarcyidae) Campsurus
 decora Day Rhithrogena (Heptageniidae) Rhithrogena
 decora Walker Ephemera (Ephemeridae) Ephemera simulans
 decorus Traver Siphonurus (Siphonuridae) Siphonurus
 deficiens Morgan Ephemerella (Ephemerellidae) Serratella
 delantala Mayo Ephemerella (Ephemerellidae) Attenella
 delicata Traver Caenis (Caenidae) Caenis latipennis
 demaryi Kondratieff and Voshell Siphonurus (Siphonuridae)
 Siphonurus
 dencyanna Koss Lachlania (Oligoneuriidae) Lachlania
 depressa Ide Ephemerella (Ephemerellidae) Drunella cornuta
 devinctus Traver Baetis (Baetidae) Diphetor
 diabasia Burks Heptagenia (Heptageniidae) Heptagenia
 diablus Day Baetis (Baetidae) Baetis
 diaphanus Needham Potamanthus (Potamanthidae) Anthopotamus
 verticis
 dimicki McDunnough Cinygma (Heptageniidae) Cinygma
 diminuta Walker Caenis (Caenidae) Caenis
 dimorphus Allen Tricorythodes (Leptohyphidae) Tricorythodes
 dipterum Linnaeus Cloeon (Baetidae) Cloeon cognatum
 dispar Traver Iron (Heptageniidae) Epeorus
 dissitus Eaton Ameletus (Ameletidae) Ameletus
 distinctus Traver Potamanthus (Potamanthidae) Anthopotamus
 diversa Traver Isonychia (Isonychiidae) Isonychia
 doddsi McDunnough Rhithrogena (Heptageniidae) Rhithrogena
 hageni
 doddsi Needham Ephemerella (Ephemerellidae) Drunella
 doddsi Traver Callibaetis (Baetidae) Callibaetis pictus
 doddsianus Zloty Ameletus (Ameletidae) Ameletus
 dolani Allen Leptohyphes (Leptohyphidae) Leptohyphes
 dolani Edmunds, Berner, and Traver Homoeoneuria (Oligoneuriidae)
 Homoeoneuria
 dolosa Traver Heptagenia (Heptageniidae) Heptagenia
 doris Traver Ephemerella (Ephemerellidae) Eurylophella
 dorothea Needham Ephemerella (Ephemerellidae) Ephemerella
 dubia Walsh Cloe (Baetidae) Baetis
 dulciana McDunnough Iron (Heptageniidae) Epeorus

e

edmundsi Allen Ephemerella (Ephemerellidae) Caudatella
 edmundsi Allen Tricorythodes (Leptohyphidae) Tricorythodes
 edmundsi Jensen Pseudocloeon (Baetidae) Baetis punctiventris
 edmundsi Kondratieff and Voshell Isonychia (Isonychiidae)
 Isonychia sicca

edmundsi Koss Baetodes (Baetidae) Baetodes
 edmundsi Soldán Brachycercus (Caenidae) Brachycercus
 edmundsi Zloty Ameletus (Ameletidae) Ameletus
 elachistus Burks Baetis (Baetidae) Labiobaetis dardanus
 elegans Traver Hexagenia (Ephemeridae) Hexagenia limbata
 elegantula Eaton Rhithrogena (Heptageniidae) Heptagenia
 eliotti Daggy Pseudocloeon (Baetidae) Baetis
 elsa Traver Centroptilum (Baetidae) Procleon
 endymion Traver Baetis (Baetidae) Fallceon quilleri
 enoensis Funk Eurylophella (Ephemerellidae) Eurylophella
 ephippiatus Traver Baetis (Baetidae) Labiobaetis
 erebus Traver Baetis (Baetidae) Fallceon quilleri
 escambiensis Berner Baetisca (Baetiscidae) Baetisca
 etowah Soldán Cercobrachys (Caenidae) Cercobrachys
 etowah Traver Pseudocloeon (Baetidae) Apobaetis
 euterpe Traver Ephemerella (Ephemerellidae) Ephemerella
 maculata

evergreenensis Thew Callibaetis (Baetidae) Callibaetis ferruginea
 excogitatus Waltz and McCafferty Cloeodes (Baetidae) Cloeodes
 excrucians Walsh Ephemerella (Ephemerellidae) Ephemerella
 exiguum Traver Stenonema (Heptageniidae) Stenonema
 exilis Traver Rhithrogena (Heptageniidae) Rhithrogena
 eximia Edmunds Analetis (Acanthametropodidae) Analetis
 explicatus Eaton Tricorythos (Leptohyphidae) Tricorythodes
 exquisitus Eaton Ameletus (Ameletidae) Ameletus

f

facilis Day Ameletus (Ameletidae) Ameletus vancouverensis
 falcula Traver Paraleptophlebia (Leptophlebiidae) Paraleptophlebia
 fallacina McDunnough Tricorythodes (Leptohyphidae)
 Tricorythodes minutus
 fallax Traver Tricorythodes (Leptohyphidae) Tricorythodes minutus
 falsus McDunnough Ameletus (Ameletidae) Ameletus
 fasciata Traver Rhithrogena (Heptageniidae) Rhithrogena
 fattigi Traver Isonychia (Isonychiidae) Isonychia bicolor
 feminina Needham Ephemerella (Ephemerellidae) Ephemerella
 rotunda
 femorata Provancher Baetis (Siphonuridae) Siphonurus alternata
 femorata Say Baetis (Heptageniidae) Stenonema
 femorata Walsh Baetis (Metretopodidae) Siphloplecton interlineata
 ferruginea Traver Choroterpes (Leptophlebiidae) Choroterpes
 basalis
 ferruginea Walsh Cloe (Baetidae) Callibaetis
 ferruginus Allen and Brusca Leptohyphes (Leptohyphidae)
 Leptohyphes
 fictus Traver Tricorythodes (Leptohyphidae) Tricorythodes
 flaveola Pictet Baetis (Heptageniidae) Stenonema
 flaveola Walsh Ephemera (Potamanthidae) Anthopotamus verticis
 flavescens Walsh Palingenia (Heptageniidae) Heptagenia
 flavianula McDunnough Heptagenia (Heptageniidae) Rhithrogena
 flavilinea McDunnough Ephemerella (Ephemerellidae) Drunella
 flavipennis Traver Ironodes (Heptageniidae) Ironodes
 flavistriga McDunnough Baetis (Baetidae) Baetis
 flavitincta McDunnough Ephemerella (Ephemerellidae) Drunella
 grandis
 flavus Traver Brachycercus (Caenidae) Brachycercus
 flexus Clemens Siphylurus (Metretopodidae) Siphloplecton basalis

floridanus Banks Callibaetis (Baetidae) Callibaetis
 floridense Lewis Stenonema (Heptageniidae) Stenacron
 floridicola Soldán *Brachycercus* (Caenidae) *Brachycercus bernerii*
 floripara McCafferty Ephemerella (Ephemerellidae) Ephemerella
 flowersi McCafferty Nixe (Heptageniidae) Nixe
 fluctuans Walsh Cloe (Baetidae) Callibaetis
 foemina McDunnough Baetis (Baetidae) Baetis
 forcipata McDunnough *Caenis* (Caenidae) *Caenis latipennis*
 fragile McDunnough Centropitulum (Baetidae) Procloeon
 fragilis Morgan Iron (Heptageniidae) Epeorus
 fratercula McDunnough Ephemerella (Ephemerellidae) Ephemerella
 fraudator Traver Iron (Heptageniidae) *Epeorus pleuralis*
 frisoni Burks Iron (Heptageniidae) Epeorus
 frisoni McDunnough Ephemerella (Ephemerellidae) Serratella
 frivolus McDunnough Baetis (Baetidae) Heterocloeon
 frondalis McDunnough Baetis (Baetidae) Labiobaetis
 frontalis Banks *Heptagenia* (Heptageniidae) *Stenacron*
interpunctata

funeralis McDunnough Ephemerella (Ephemerellidae) Euryophella
 fusca Clemens *Heptagenia* (Heptageniidae) *Stenonema vicaria*
 fusca Spieth *Choroterpes* (Leptophlebiidae) *Choroterpes basalis*
 fusca Walker Baetis (Heptageniidae) *Rhithrogena jejuna*
 fuscata Walker Baetis (Ephemerellidae) *Drunella walkeri*
 fuscifrons Traver *Rhithrogena* (Heptageniidae) *Rhithrogena*
 fuscum Berner Siphloplecton (Metretopodidae) Siphloplecton
 fuscus Dodds Callibaetis (Baetidae) Callibaetis *ferruginea*
 futile McDunnough Pseudocloeon (Baetidae) Baetis
 futilis McDunnough *Rhithrogena* (Heptageniidae) *Rhithrogena*

g

garterelli McDunnough Cinygmula (Heptageniidae) Cinygmula
 gaspeensis McDunnough *Rhithrogena* (Heptageniidae) *Rhithrogena*
 geminatum Eaton Cinygma (Heptageniidae) Ironodes
 georgiae McDunnough Isonychia (Isonychiidae) Isonychia
 georgiana Traver Paraleptophlebia (Leptophlebiidae)
 Paraleptophlebia
 gibbera Berner Baetisca (Baetiscidae) Baetisca
 gigas Burks *Caenis* (Caenidae) *Caenis latipennis*
 gildersleevei Traver Stenonema (Heptageniidae) Stenacron
 glacialis Traver Ephemerella (Ephemerellidae) *Drunella grandis*
 gonzalesi Traver and Edmunds Thraulodes (Leptophlebiidae)
 Thraulodes
 gracilis Traver Blasturus (Leptophlebiidae) *Leptophlebia johnsoni*
 grandis Clemens *Ecdyurus* (Heptageniidae) *Heptagenia pullus*
 grandis Eaton Ephemerella (Ephemerellidae) *Drunella*
 grandis McDunnough Iron (Heptageniidae) Epeorus
 grandis Traver Blasturus (Leptophlebiidae) *Leptophlebia*
 gravastellus Eaton Blasturus (Leptophlebiidae) *Leptophlebia*
 gregalis Eaton *Leptophlebia* (Leptophlebiidae) Paraleptophlebia
 guttata McDunnough *Leptophlebia* (Leptophlebiidae)
 Paraleptophlebia
 guttulata Pictet Ephemera (Ephemeridae) Ephemera

h

hageni Eaton Baetis (Baetidae) Dipheter
 hageni Eaton Callibaetis (Baetidae) Callibaetis *ferruginea*
 hageni Eaton *Rhithrogena* (Heptageniidae) *Rhithrogena*
 harperi Traver Isonychia (Isonychiidae) *Isonychia bicolor*
 harti McDunnough Baetis (Baetidae) Acerpenna
 hebe McDunnough *Heptagenia* (Heptageniidae) *Leucrocuta*
 hebes Upholt Callibaetis (Baetidae) Callibaetis *ferruginea*
 hebes Walker Ephemera (Leptophlebiidae) *Leptophlebia cupida*
 hecuba Eaton Ephemerella (Ephemerellidae) Timpanoga

helena Day Paraleptophlebia (Leptophlebiidae) Paraleptophlebia
 herodes Burks Baetis (Baetidae) *Dipheter hageni*
 hespera Banks *Rhithrogena* (Heptageniidae) Epeorus
 heterocaudata McDunnough Ephemerella (Ephemerellidae)
 Caudatella
 heteronea McDunnough *Leptophlebia* (Leptophlebiidae)
 Paraleptophlebia
 hetrotarsalis McDunnough *Ecdyonurus* (Heptageniidae) *Stenacron*
interpunctata
 hiemalis Leonard Baetis (Baetidae) Baetis *brunneicolor*
 hilaris Say Ephemera (Caenidae) *Caenis*
 hirsuta Berner Ephemerella (Ephemerellidae) *Attenella attenuata*
 hispida Allen and Edmunds Ephemerella (Ephemerellidae)
 Ephemerella
 hobbsi Berner Centropitulum (Baetidae) Procloeon
 hoffmani Kondratieff and Voshell Isonychia (Isonychiidae)
 Isonychia
 horrida McDunnough *Heptagenia* (Heptageniidae) Nixe
 hubbelli Berner *Choroterpes* (Leptophlebiidae) *Choroterpes basalis*
 hudsonicus Ide Baetis (Baetidae) Baetis
 humeralis Morgan Epeorus (Heptageniidae) *Epeorus vitrea*
 hyalina McDunnough Cinygma (Heptageniidae) Cinygmula *par*
 hyalinus Esben-Petersen *Ecdyonurus* (Heptageniidae) Cinygma
 lyriformis
 hystrix Traver Ephemerella (Ephemerellidae) Caudatella

i

ida Daggy Pseudocloeon (Baetidae) Baetis *elliotti*
 idahoensis Allen Caurinella (Ephemerellidae) Caurinella
 idei Lestage *Eurycaenis* (Caenidae) *Brachycercus lacustris*
 ignava Hagen Baetis (Leptophlebiidae) *Leptophlebia cupida*
 imanica Bajkova *Rhithrogena* (Heptageniidae) Nixe *simplicioides*
 imbellis Day Ameletus (Ameletidae) Ameletus
 impersonata McDunnough *Heptagenia* (Heptageniidae) *Rhithrogena*
 implicatum McDunnough Cloeon (Baetidae) Procloeon
 inanium McDunnough Cloeon (Baetidae) Procloeon
 incertans McDunnough Baetis (Baetidae) Baetis *tricaudatus*
 incertus Traver *Campsurus* (Polymitarcyidae) *Tortopus puella*
 inconspicua McDunnough *Heptagenia* (Heptageniidae) Nixe
 inconstans Traver Ephemerella (Ephemerellidae) Ephemerella
 indeprensus Day Apobaetis (Baetidae) Apobaetis
 inequalis Needham *Potamanthus* (Potamanthidae) *Anthopotamus*
 myops
 inermis Cohen and Allen Baetodes (Baetidae) Baetodes
 inermis Eaton Ephemerella (Ephemerellidae) Ephemerella
 inflata McDunnough Ephemerella (Ephemerellidae) *Drunella lata*
 inflatus McDunnough *Siphonurus* (Siphonuridae) *Siphonurus*
 occidentalis
 infrequens McDunnough Centropitulum (Baetidae) Procloeon
 pennulatum
 infrequens McDunnough Ephemerella (Ephemerellidae)
 Ephemerella
 ingens McDunnough Cloeon (Baetidae) Procloeon
 ingens McDunnough Ephemerella (Ephemerellidae) *Drunella*
 grandis
 inopinatus Eaton Ameletus (Ameletidae) Ameletus
 inornata Eaton *Choroterpes* (Leptophlebiidae) *Choroterpes*
 insignificans McDunnough Baetis (Baetidae) Acentrella
 insignificans McDunnough Cloeon (Baetidae) Procloeon
 integer McDunnough *Heptagenia* (Heptageniidae) *Stenonema*
 mexicana
 integrum Eaton Cinygma (Heptageniidae) Cinygma
 intercalaris McDunnough Baetis (Baetidae) Baetis
 interlineata Walsh Baetis (Metretopodidae) Siphloplecton
 intermediale McDunnough Centropitulum (Baetidae) Procloeon

intermedius Dodds *Baetis* (*Baetidae*) *Baetis tricaudatus*
intermedius Eaton Chironetetes (*Isonychiidae*) *Isonychia*
intermedius Traver *Blasturus* (*Leptophlebiidae*) *Leptophlebia*
interpunctata Say *Baetis* (*Heptageniidae*) *Stenacron*
invalida McDunnough *Leptophlebia* (*Leptophlebiidae*)
Paraleptophlebia gregalis
invaria Walker *Baetis* (*Ephemerellidae*) *Ephemerella*
irrubrum Lowen and Flannagan *Procloeon* (*Baetidae*) *Procloeon*
ithaca Clemens and Leonard *Heptagenia* (*Heptageniidae*) *Stenonema*

j

jacobi McDunnough *Ephemerella* (*Ephemerellidae*) *Caudatella*
jeanae Berner *Paraleptophlebia* (*Leptophlebiidae*) *Paraleptophlebia*
jejuna Eaton *Rhithrogena* (*Heptageniidae*) *Rhithrogena*
jesmondensis McDunnough *Baetis* (*Baetidae*) *Baetis tricaudatus*
jewetti Allen *Heptagenia* (*Heptageniidae*) *Leucrocota*
jocosa Banks *Habrophlebia* (*Leptophlebiidae*) *Habrophlebia vibrans*
jocosa McDunnough *Caenis* (*Caenidae*) *Caenis latipennis*
johnsoni McDunnough *Leptophlebia* (*Leptophlebiidae*)
Leptophlebia
julia Traver *Heptagenia* (*Heptageniidae*) *Heptagenia*
juno McDunnough *Heptagenia* (*Heptageniidae*) *Leucrocota*

k

kanuga Traver *Hexagenia* (*Ephemeridae*) *Hexagenia limbata*
kennedyi McDunnough *Heptagenia* (*Heptageniidae*) *Nixe*
kirchneri Kondratieff and Durfee *Paraleptophlebia* (*Leptophlebiidae*)
Paraleptophlebia
kootenai McDunnough *Cinygmula* (*Heptageniidae*) *Cinygmula*
kossi Allen *Choroterpes* (*Leptophlebiidae*) *Neochoroterpes*

l

lacustris Allen and Edmunds *Ephemerella* (*Ephemerellidae*)
Ephemerella
lacustris McDunnough *Baetisca* (*Baetiscidae*) *Baetisca*
lacustris Needham *Caenis* (*Caenidae*) *Brachycercus*
lagunitas Traver *Iron* (*Heptageniidae*) *Epeorus*
lapidula McDunnough *Ephemerella* (*Ephemerellidae*) *Drunella*
flavilinea
lapponica Bengtsson *Acentrella* (*Baetidae*) *Acentrella*
lasallei Banks *Baetis* (*Baetidae*) *Baetis intercalaris*
lata Morgan *Ephemerella* (*Ephemerellidae*) *Drunella*
latipennis Banks *Caenis* (*Caenidae*) *Caenis*
laurentina McDunnough *Baetisca* (*Baetiscidae*) *Baetisca*
leechi Burks *Baetis* (*Baetidae*) *Fallceon quilleri*
lenati McCafferty *Stenonema* (*Heptageniidae*) *Stenonema*
lepidus Traver *Ironodes* (*Heptageniidae*) *Ironodes*
lepton Burks *Stenonema* (*Heptageniidae*) *Stenonema terminata*
leukon Williamson *Ephoron* (*Polymitarcyidae*) *Ephoron*
levis Day *Ephemerella* (*Ephemerellidae*) *Serratella*
levitans McDunnough *Baetis* (*Baetidae*) *Baetis flavistriga*
lewisi Allen *Traverella* (*Leptophlebiidae*) *Traverella*
libos Allen and Murvosh *Baetis* (*Baetidae*) *Baetis magnus*
limbata Serville *Ephemera* (*Ephemeridae*) *Hexagenia*

lineata Clemens *Ephemerella* (*Ephemerellidae*) *Eurylophella*
lutulenta
lineatus Traver *Ameletus* (*Ameletidae*) *Ameletus*
lita Burks *Ephemerella* (*Ephemerellidae*) *Timpanoga*
lodi Mayo *Ephemerella* (*Ephemerellidae*) *Eurylophella*
longicornis Traver *Ephemerella* (*Ephemerellidae*) *Drunella*
longimanus Eaton *Iron* (*Heptageniidae*) *Epeorus*
longipalpus Morihara and McCafferty *Baetis* (*Baetidae*) *Labiobaetis*

lucidipennis Clemens *Ecdyurus* (*Heptageniidae*) *Nixe*
ludens Needham *Ameletus* (*Ameletidae*) *Ameletus*
luridipennis Burmeister *Baetis* (*Siphonuridae*) *Siphonurus*
lutea Clemens *Heptagenia* (*Heptageniidae*) *Stenonema*
lutulenta Clemens *Ephemerella* (*Ephemerellidae*) *Eurylophella*
lyriformis McDunnough *Ecdyonurus* (*Heptageniidae*) *Cinygma*

m

macafferti Provonsha *Caenis* (*Caenidae*) *Caenis*
macdunnoughi Funk *Eurylophella* (*Ephemerellidae*) *Eurylophella*
macdunnoughi Ide *Baetis* (*Baetidae*) *Acerpenna*
macrolamelus Waltz and McCafferty *Cloeodes* (*Baetidae*) *Cloeodes*
maculata Traver *Ephemerella* (*Ephemerellidae*) *Ephemerella*
maculatus Berner *Brachycercus* (*Caenidae*) *Brachycercus*
maculipennis Walsh *Heptagenia* (*Heptageniidae*) *Leucrocota*
magnus McCafferty and Waltz *Baetis* (*Baetidae*) *Baetis*
majasculus Zloty *Ameletus* (*Ameletidae*) *Ameletus*
majus Traver *Stenonema* (*Heptageniidae*) *Stenacron interpunctata*
manca Eaton *Isonychia* (*Isonychiidae*) *Isonychia sicca*
manifesta Eaton *Rhithrogena* (*Heptageniidae*) *Heptagenia*
manitobensis Ide *Campsurus* (*Polymitarcyidae*) *Tortopus primus*
margarita Edmunds and Allen *Epeorus* (*Heptageniidae*) *Epeorus*
margarita Needham *Ephemerella* (*Ephemerellidae*) *Attenella*
marginalis Banks *Heptagenia* (*Heptageniidae*) *Heptagenia*
marginatus Traver *Siphonurus* (*Siphonuridae*) *Siphonurus*
maria Mayo *Siphonurus* (*Siphonuridae*) *Siphonurus spectabilis*
marilandica Traver *Hexagenia* (*Ephemeridae*) *Hexagenia limbata*
marshalli Traver *Siphonurus* (*Siphonuridae*) *Siphonurus*
matilda Traver *Isonychia* (*Isonychiidae*) *Isonychia bicolor*
mediopunctatus McDunnough *Ecdyonurus* (*Heptageniidae*)
Stenonema
medius Banks *Potamanthus* (*Potamanthidae*) *Anthopotamus myops*
memorialis Eaton *Leptophlebia* (*Leptophlebiidae*) *Paraleptophlebia*
mendax Walsh *Cloeon* (*Baetidae*) *Procloeon*
meridionalis Traver *Pseudiron* (*Pseudironidae*) *Pseudiron centralis*
meririvulanium Carle and Lewis *Stenonema* (*Heptageniidae*)
Stenonema
metriotes Burks *Stenonema* (*Heptageniidae*) *Stenonema mexicana*
mexicana Ulmer *Heptagenia* (*Heptageniidae*) *Stenonema*
mexicanus Allen *Choroterpes* (*Leptophlebiidae*) *Neochoroterpes*
oklahoma
mexicanus Traver and Edmunds *Dactylobaetis* (*Baetidae*)
Camelobaetidius
michaeli Allen *Leptohyphes* (*Leptohyphidae*) *Leptohyphes*
micheneri Traver *Ephemerella* (*Ephemerellidae*) *Serratella*
midas McDunnough *Siphonuroides* (*Siphonuridae*) *Parameletus*
mimus Eaton *Cinygma* (*Heptageniidae*) *Cinygmula*
minerva McDunnough *Heptagenia* (*Heptageniidae*) *Leucrocota*
mingo Traver *Hexagenia* (*Ephemeridae*) *Hexagenia limbata*
minimella McDunnough *Ephemerella* (*Ephemerellidae*)
Eurylophella
minimus Dodds *Baetis* (*Baetidae*) *Baetis bicaudatus*
minnetonka Daggy *Stenonema* (*Heptageniidae*) *Stenacron*
minnoi Provonsha and McCafferty *Siphonurus* (*Siphonuridae*)
Siphonurus
minor McDunnough *Cloeon* (*Baetidae*) *Procloeon*
minutum Daggy *Pseudocloeon* (*Baetidae*) *Paracloeodes*
minutus Traver *Tricorythodes* (*Leptohyphidae*) *Tricorythodes*
mirus Allen *Leptohyphes* (*Leptohyphidae*) *Leptohyphes*
modestus Banks *Epeorus* (*Heptageniidae*) *Stenonema*
moerens McDunnough *Leptophlebia* (*Leptophlebiidae*)
Paraleptophlebia
moffatae Allen *Ephemerella* (*Ephemerellidae*) *Ephemerella*
moffati Dodds *Baetis* (*Baetidae*) *Baetis*
molita McDunnough *Ephemerella* (*Ephemerellidae*) *Serratella*
mollis Eaton *Leptophlebia* (*Leptophlebiidae*) *Paraleptophlebia*

mollis Hagen Cloe (*Leptophlebiidae*) *Paraleptophlebia mollis*
mollitia Seemann Ephemerella (*Ephemerellidae*) Ephemerella
monta Mayo Ameletus (*Ameletidae*) *Ameletus similior*

montanus Eaton Callibaetis (*Baetidae*) Callibaetis
 morrisoni Banks Epeorus (*Heptageniidae*) Rhithrogena
 mosegus Alba-Tercedor and Flannagan Tricorythodes
 (*Leptohyphidae*) Tricorythodes
 mucronata Bengtsson Chitonophora (*Ephemerellidae*) Ephemerella
munda Eaton Hexagenia (*Ephemeridae*) *Hexagenia limbata*
 musseri Traver and Edmunds Dactylobaetis (*Baetidae*)
 Camelobaetidius
 myops Walsh Ephemera (*Potamanthidae*) Anthopotamus
myrsum Burks *Pseudocloeon* (*Baetidae*) *Baetis punctiventris*

N

namatus Burks Iron (*Heptageniidae*) Epeorus
 nanita Traver Choroterpes (*Leptophlebiidae*) Neochoroterpes
nanus McDunnough *Baetis* (*Baetidae*) *Baetis flavistriga*
 nasutus Soldán Brachycercus (*Caenidae*) Brachycercus
natata Walker Palingenia (*Ephemeridae*) *Ephemera simulans*
navis Allen and Chao *Dactylobaetis* (*Baetidae*) *Camelobaetidius*
warreni
 neavei McDunnough Ametropus (*Ametropodidae*) Ametropus
 nebulosa Walker Palingenia (*Leptophlebiidae*) *Leptophlebia*
 needhami McDunnough Ephemerella (*Ephemerellidae*) Ephemerella
 neglectus Traver Potamanthus (*Potamanthidae*) Anthopotamus
nepotellus McDunnough *Ecdyonurus* (*Heptageniidae*) *Stenonema*
mediopunctatus
nigritus Banks *Callibaetis* (*Baetidae*) *Callibaetis ferruginea*
 nipawinia Lehmkuhl Macdunnoa (*Heptageniidae*) Macdunnoa
 nitidus Eaton Iron (*Heptageniidae*) Ironodes
 nitidus Traver Eurycaenis (*Caenidae*) Brachycercus
norda McDunnough *Ephemerella* (*Ephemerellidae*) *Ephemerella*
aurivillii
norvegica Esben-Petersen *Sparrea* (*Siphonuridae*) *Parameletus*
chelifer
norvegicus Eaton *Metretopus* (*Metretopodidae*) *Metretopus borealis*
 notata Traver Isonychia (*Isonychiidae*) Isonychia
 notos Allen and Murvosh *Baetis* (*Baetidae*) *Baetis*
novangliae McDunnough *Siphonurus* (*Siphonuridae*) *Siphonurus*
typicus
 noveboracana Lichtenstein Ephemera (*Siphonuridae*) *Siphonurus*

O

oaxacaensis Brusca and Allen Choroterpes (*Leptophlebiidae*)
Choroterpes inornata
 obesa Say *Baetis* (*Baetiscidae*) *Baetis*
 obscura Traver Isonychia (*Isonychiidae*) Isonychia
 occidentalis Eaton Siphonurus (*Siphonuridae*) Siphonurus
occulta Walker Palingenia (*Ephemeridae*) *Hexagenia limbata*
ochris Burks *Baetis* (*Baetidae*) *Baetis flavistriga*
odonatus Walsh *Potamanthus* (*Leptophlebiidae*) *Leptophlebia*
nebulosa
ohioense Traver *Stenonema* (*Heptageniidae*) *Stenacron*
interpunctata
 oklahoma Traver Choroterpes (*Leptophlebiidae*) Neochoroterpes
 ontario McDunnough *Leptophlebia* (*Leptophlebiidae*)
 Paraleptophlebia
 ora Burks Ephemerella (*Ephemerellidae*) Ephemerella
 oregonensis McDunnough Ameletus (*Ameletidae*) Ameletus
orestes Allen and Edmunds *Ephemerella* (*Ephemerellidae*)
Caudatella jacobi
 orlando Traver Hexagenia (*Ephemeridae*) Hexagenia

oreophilum Edmunds *Centroptilum* (*Baetidae*) *Procloeon*
 otiosa McDunnough *Heptagenia* (*Heptageniidae*) Nixe
 ozburni McDunnough *Centroptilum* (*Baetidae*) *Procloeon*

P

pacificus McDunnough *Blasturus* (*Leptophlebiidae*) *Leptophlebia*
pacificus Seemann Callibaetis (*Baetidae*) *Callibaetis pictus*
 packeri Allen *Leptohyphes* (*Leptohyphidae*) *Leptohyphes*
 packi Needham *Leptophlebia* (*Leptophlebiidae*) *Paraleptophlebia*
pacoleta Traver *Isonychia* (*Isonychiidae*) *Isonychia bicolor*
 palisadi Mayo *Baetis* (*Baetidae*) *Baetis*
pallens Traver *Hexagenia* (*Ephemeridae*) *Hexagenia limbata*
pallidulus McDunnough *Baetis* (*Baetidae*) *Baetis flavistriga*
 pallidum Traver *Stenonema* (*Heptageniidae*) *Stenacron*
 pallidus Banks *Callibaetis* (*Baetidae*) *Callibaetis*
pallipes Hagen *Leptophlebia* (*Leptophlebiidae*) *Paraleptophlebia*
memorialis
pallipes Walker Palingenia (*Leptophlebiidae*) *Leptophlebia cupida*
 par Eaton Cinygma (*Heptageniidae*) Cinygmula
 paraguttatus Allen *Leptohyphes* (*Leptohyphidae*) *Leptohyphes*
 parallelus Banks *Baetis* (*Baetidae*) *Baetis*
parvulum McDunnough *Pseudocloeon* (*Baetidae*) *Baetis armillatus*
parvus Dodds *Baetis* (*Baetidae*) *Dipheter hageni*
 patoka Burks *Heptagenia* (*Heptageniidae*) *Heptagenia*
 pecatonica Burks *Metreturus* (*Acanthametropodidae*)
 Acanthametropus
 pellucida Daggy Rhithrogena (*Heptageniidae*) Rhithrogena
 pelosa Mayo Ephemerella (*Ephemerellidae*) *Drunella*
 pennulatum Eaton *Centroptilum* (*Baetidae*) *Procloeon*
 perfida McDunnough *Heptagenia* (*Heptageniidae*) Nixe
peridius Burks *Tricorythodes* (*Leptohyphidae*) *Tricorythodes allecta*
 permagnus Traver Ironopsis (*Heptageniidae*) Epeorus
 persecuta McDunnough *Baetis* (*Baetidae*) *Baetis*
 persimplex McDunnough *Heptagenia* (*Heptageniidae*) Macdunnoa
peterseni Lestage *Ecdyonurus* (*Heptageniidae*) Cinygma *lyriformis*
 petersi Allen *Heptagenia* (*Heptageniidae*) *Leucrocuta*
 petersi Müller-Liebenau *Rheobaetis* (*Baetidae*) *Heterocloeon*
petulans Seemann Iron (*Heptageniidae*) *Rhithrogena morrisoni*
phalarobranchus Kilgore and Allen *Leptohyphes* (*Leptohyphidae*)
Leptohyphes packeri
phoebus McDunnough *Baetis* (*Baetidae*) *Baetis flavistriga*
phyllis Burks *Baetis* (*Baetidae*) *Baetis brunneicolor*
 phyllis McDunnough *Siphonurus* (*Siphonuridae*) *Siphonurus*
pictipes Traver *Isonychia* (*Isonychiidae*) *Isonychia arida*
 pictus Eaton *Baetis* (*Baetidae*) *Callibaetis*
pini Soldán *Brachycercus* (*Caenidae*) *Brachycercus maculatus*
 piscatoris Traver *Baetis* (*Baetidae*) *Baetis*
 placeri Mayo *Paraleptophlebia* (*Leptophlebiidae*) *Paraleptophlebia*
placita Banks *Heptagenia* (*Heptageniidae*) *Stenonema terminata*
 plana Allen and Chao Rhithrogena (*Heptageniidae*) Rhithrogena
 pleuralis Banks *Heptagenia* (*Heptageniidae*) Epeorus
 pluto McDunnough *Baetis* (*Baetidae*) *Baetis*
 poconoensis Funk *Eurylophella* (*Ephemerellidae*) *Eurylophella*
 posticata Say Cloeon (*Baetidae*) *Baetis*
powelli Edmunds *Lachlania* (*Oligoneuriidae*) *Lachlania*
saskatchewanensis
 praepedita Eaton *Leptophlebia* (*Leptophlebiidae*) *Paraleptophlebia*
 presidianus Traver *Thraulius* (*Leptophlebiidae*) *Traverella*
 pretiosus Banks *Callibaetis* (*Baetidae*) *Callibaetis*
 primus McDunnough *Campsurus* (*Polymitarcyidae*) *Tortopus*
 pritchardi Zloty *Ameletus* (*Ameletidae*) *Ameletus*
 propinqua Walsh Cloe (*Baetidae*) *Labiobaetis*
proprius Traver Iron (*Heptageniidae*) *Epeorus longimanus*
proserpina Traver *Ephemerella* (*Ephemerellidae*) *Drunella grandis*
 provonshai McCafferty *Ephemerella* (*Ephemerellidae*) *Timpanoga*

proximum Traver *Stenonema* (Heptageniidae) *Stenacron interpunctata*
prudens McDunnough *Eurycaenis* (Caenidae) *Brachycercus prudentalis* McDunnough *Ephemerella* (Ephemerellidae) *Eurylophella*
pubescens Whiting and Lehmkuhl *Acanthomola* (Heptageniidae) *Acanthomola*
pudica Hagen *Ephemera* (Heptageniidae) *Stenonema*
puella Pictet *Palingenia* (Polymitarciidae) *Tortopus*
pulchella Walsh *Palingenia* (Heptageniidae) *Stenonema*
pullus Clemens *Ecdyurus* (Heptageniidae) *Heptagenia*
punctata McDunnough *Caenis* (Caenidae) *Caenis*
punctatus McDunnough *Iron* (Heptageniidae) *Epeorus punctilulus* McCafferty and Provonsha *Callibaetis* (Baetidae) *Callibaetis*
punctiventris McDunnough *Pseudocloeon* (Baetidae) *Baetis purpureus* Traver *Oreianthus* (Neophemeridae) *Neophemera pusilla* Traver *Habrophlebia* (Leptophlebiidae) *Habrophlebia vibrans*
pygmaea Hagen *Cloe* (Baetidae) *Acerpenna*

q

quadripunctata Walsh *Pentagenia* (Ephemeridae) *Pentagenia vittigera*
quaesitum McDunnough *Centroptilum* (Baetidae) *Procloeon quebecensis* Hubbard *Baetis* (Baetidae) *Baetis flavistriga quebecensis* Provancher *Cloe* (Ephemerellidae) *Ephemerella quebecensis* Provancher *Siphonurus* (Siphonuridae) *Siphonurus quercus* Kilgore and Allen *Leptohyphes* (Leptohyphidae) *Leptohyphes*
querula McDunnough *Heptagenia* (Heptageniidae) *Heptagenia elegantula*
querulus McDunnough *Ameletus* (Ameletidae) *Ameletus sheperdi*
quilleri Dodds *Baetis* (Baetidae) *Fallecon*
quinquespinum Lewis *Stenonema* (Heptageniidae) *Stenonema exiguum*
quisquilia Day *Paraleptophlebia* (Leptophlebiidae) *Paraleptophlebia*

r

rama Allen *Ephemerella* (Ephemerellidae) *Ephemerella ramaleyi* Dodds *Ecdyonurus* (Heptageniidae) *Cinygmula rapidus* McDunnough *Siphonurus* (Siphonuridae) *Siphonurus*
recurvata Morgan *Hexagenia* (Ephemeridae) *Litobranchia reticulata* McDunnough *Cinygmula* (Heptageniidae) *Cinygmula reversalis* McDunnough *Heptagenia* (Heptageniidae) *Raptoheptagenia cruentata*
ridens McDunnough *Caenis* (Caenidae) *Amercaenis*
rigida McDunnough *Hexagenia* (Ephemeridae) *Hexagenia rivulare* Traver *Centroptilum* (Baetidae) *Procloeon rivulicolus* McDunnough *Ecdyonurus* (Heptageniidae) *Stenonema vicaria*
robachi Allen *Leptohyphes* (Leptohyphidae) *Leptohyphes*
robusta Dodds *Rhithrogena* (Heptageniidae) *Rhithrogena*
robusta McDunnough *Pentagenia* (Ephemeridae) *Pentagenia*
rodocki Traver *Heptagenia* (Heptageniidae) *Nixe*
rogersi Berner *Baetisca* (Baetiscidae) *Baetisca*
rosacea Traver *Hexagenia* (Ephemeridae) *Hexagenia limbata*
rosea Traver *Heptagenia* (Heptageniidae) *Nixe*
rossi Allen and Edmunds *Ephemerella* (Ephemerellidae) *Ephemerella*
rotunda Morgan *Ephemerella* (Ephemerellidae) *Ephemerella*
ruber McDunnough *Ecdyonurus* (Heptageniidae) *Stenonema modestus*

rubescens Provancher *Cloe* (Baetiscidae) *Baetisca*
rubicunda Traver *Rhithrogena* (Heptageniidae) *Rhithrogena*
rubidus Traver *Iron* (Heptageniidae) *Epeorus*
rubrolaterale McDunnough *Pseudocloeon* (Baetidae) *Baetis rubromaculata* Clemens *Heptagenia* (Heptageniidae) *Stenonema modestus*
rubropictum McDunnough *Cloeon* (Baetidae) *Procloeon rubroventris* Traver *Heptagenia* (Heptageniidae) *Nixe rosea rufa* McDunnough *Isonychia* (Isonychiidae) *Isonychia rufivenosa* Eaton *Leptophlebia* (Leptophlebiidae) *Paraleptophlebia rufostrigatum* McDunnough *Centroptilum* (Baetidae) *Procloeon rufous* Argo *Potamanthus* (Potamanthidae) *Anthopotamus myops rusticalis* McDunnough *Heptagenia* (Heptageniidae) *Nixe rusticans* McDunnough *Baetis* (Baetidae) *Baetis rusticus* McDunnough *Anepeorus* (Heptageniidae) *Anepeorus*

S

sabinas Traver *Leptohyphes* (Leptohyphidae) *Leptohyphes sadleri* Traver *Isonychia* (Isonychiidae) *Isonychia bicolor salinus* Allen and Chao *Dactylobaetis* (Baetidae) *Camelobaetidius musseri*
salinus Kilgore and Allen *Thraulodes* (Leptophlebiidae) *Thraulodes gonzalesi*
sanctagabriel Traver *Iron* (Heptageniidae) *Epeorus hespera sanguinea* Ide *Rhithrogena* (Heptageniidae) *Rhithrogena impersonata*
saskatchewanensis Ide *Lachlania* (Oligoneuriidae) *Lachlania*
sayi Burks *Isonychia* (Isonychiidae) *Isonychia*
scitulum Traver *Stenonema* (Heptageniidae) *Stenonema femorata sculleni* Traver *Paraleptophlebia* (Leptophlebiidae) *Paraleptophlebia securifer* McDunnough *Siphonurus* (Siphonuridae) *Siphonurus selanderorum* Edmunds *Centroptilum* (Baetidae) *Centroptilum semicostatus* Banks *Callibaetis* (Baetidae) *Callibaetis pallidus semiflava* McDunnough *Ephemerella* (Ephemerellidae) *Ephemerella excrucians*
semirufum McDunnough *Centroptilum* (Baetidae) *Centroptilum separata* Ulmer *Leptophlebia* (Leptophlebiidae) *Paraleptophlebia debilis*
septentrionalis McDunnough *Ephemerella* (Ephemerellidae) *Ephemerella*
sequoia Allen and Collins *Ephemerella* (Ephemerellidae) *Serratella*
serpentis Soldán *Cercobrachys* (Caenidae) *Cercobrachys serrata* Morgan *Ephemerella* (Ephemerellidae) *Serratella serrata* Traver *Isonychia* (Isonychiidae) *Isonychia serratoides* McDunnough *Ephemerella* (Ephemerellidae) *Serratella sheperdi* Traver *Ameletus* (Ameletidae) *Ameletus sicca* Walsh *Baetis* (Isonychiidae) *Isonychia sierra* Mayo *Ephemerella* (Ephemerellidae) *Drunella spinifera sigillatus* Allen and Chao *Baetodes* (Baetidae) *Baetodes arizonensis signatum* Traver *Siphloplecton* (Metretopodidae) *Siphloplecton basalis*
signatus Banks *Callibaetis* (Baetidae) *Callibaetis pictus*
simila Allen and Edmunds *Ephemerella* (Ephemerellidae) *Ephemerella*
simile Berner *Siphloplecton* (Metretopodidae) *Siphloplecton simile* McDunnough *Centroptilum* (Baetidae) *Procloeon similior* McDunnough *Ameletus* (Ameletidae) *Ameletus similis* Traver *Isonychia* (Isonychiidae) *Isonychia simplex* McDunnough *Cloeon* (Baetidae) *Procloeon simplex* McDunnough *Ephemerella* (Ephemerellidae) *Timpanoga simplex* Walsh *Heptagenia* (Heptageniidae) *Anepeorus simplicioides* McDunnough *Heptagenia* (Heptageniidae) *Nixe simulans* McDunnough *Caenis* (Caenidae) *Caenis amica simulans* Walker *Ephemera* (Ephemeridae) *Ephemera sinclairi* Lewis *Stenonema* (Heptageniidae) *Stenonema sinuosus* Navás *Baetis* (Baetidae) *Baetis flavistriga*

skokianus Needham Callibaetis (Baetidae) Callibaetis
 smithae Traver Stenonema (Heptageniidae) Stenonema
 solitaria McDunnough Heptagenia (Heptageniidae) Heptagenia
 sonora Allen and Murvosh Baetis (Baetidae) Fallceon quilleri
 soquele Day Ephemerella (Ephemerellidae) Attenella
 sordida McDunnough Ephemerella (Ephemerellidae) Serratella
 sparsatus McDunnough Ameletus (Ameletidae) Ameletus
 speciosum Traver Siphloplecton (Metretopodidae) Siphloplecton
 speciosus Traver Thraulodes (Leptophlebiidae) Thraulodes
 spectabilis Traver Siphonurus (Siphonuridae) Siphonurus
 spiculosa Berner and Allen Ephemerella (Ephemerellidae) Serratella
 spiethi Berner Baetis (Baetidae) Acerpenna pygmaea
 spinifera Needham Ephemerella (Ephemerellidae) Drunella
 spinosa Mayo Ephemerella (Ephemerellidae) Caudatella hystrix
 spinosa Traver Heptagenia (Heptageniidae) Nixe
 spinosus McDunnough Baetis (Baetidae) Labiobaetis propinqua
 stricta Burks Paraleptophlebia (Leptophlebiidae) Paraleptophlebia
 strigula McDunnough Leptophlebia (Leptophlebiidae)
 Paraleptophlebia
 stygiatus McDunnough Tricorythodes (Leptohyphidae) Tricorythodes
 subaequalis Banks Heptagenia (Heptageniidae) Cinygmula
 subnotatus Eaton Ameletus (Ameletidae) Ameletus
 subpallidus Traver Iron (Heptageniidae) Epeorus
 subvaria McDunnough Ephemerella (Ephemerellidae) Ephemerella
 succinus Allen Leptohyphes (Leptohyphidae) Leptohyphes
 suffusus McDunnough Ameletus (Ameletidae) Ameletus
 suffusus McDunnough Iron (Heptageniidae) Epeorus
 sulfurosus Day Baetis (Baetidae) Baetis
 swannanoa Traver Leptophlebia (Leptophlebiidae) Paraleptophlebia

t

tarda McDunnough Cinygma (Heptageniidae) Cinygmula
 tardata McDunnough Caenis (Caenidae) Caenis
 tarteri Burrows Ameletus (Ameletidae) Ameletus
 temporalis McDunnough Ephemerella (Ephemerellidae)
 Eurylophella
 temporalis McDunnough Leptophlebia (Leptophlebiidae)
 Paraleptophlebia
 tenuis Traver Iron (Heptageniidae) Epeorus fragilis
 teresa Traver Ephemerella (Ephemerellidae) Serratella
 terminata Walsh Palingenia (Heptageniidae) Stenonema
 terratoma Seemann Choroterpes (Leptophlebiidae) Choroterpes
 tertius McDunnough Ameletus (Ameletidae) Ameletus
 tessellata Hagen Baetis (Baetidae) Callibaetis ferruginea
 tessellata Walker Baetis (Heptageniidae) Stenonema vicaria
 texanum McCafferty and Provonsha Procloeon (Baetidae) Procloeon
 texanus Davis Farrodes (Leptophlebiidae) Farrodes
 texanus Traver Tricorythodes (Leptohyphidae) Tricorythodes
 thermophilos McDunnough Baetis (Baetidae) Baetis
 thetis Traver Heptagenia (Heptageniidae) Leucrocota
 thomsenae Traver Baetisca (Baetiscidae) Baetisca carolina
 tibialis McDunnough Ephemerella (Ephemerellidae) Serratella
 tioga Mayo Cinygmula (Heptageniidae) Cinygmula
 tolai Zloty Ameletus (Ameletidae) Ameletus
 tollandi Dodds Iron (Heptageniidae) Cinygmula ramaleyi
 townesi Traver Heptagenia (Heptageniidae) Heptagenia
 traveriae Müller-Liebenau Rheobaetis (Baetidae) Heterocloeon
 curiosum
 traveriae Spieth Ephemerella (Ephemerellidae) Ephemerella traveri
 traveriae Upholt Callibaetis (Baetidae) Callibaetis fluctuans
 traveri Spieth Ephemerella (Ephemerellidae) Ephemerella
 triangularis Clemens Siphonurus (Siphonuridae) Siphonurus
 quebecensis
 triangulifer McDunnough Cloeon (Baetidae) Centropitulum
 tricaudatus Dodds Baetis (Baetidae) Baetis
 trilineata Berner Ephemerella (Ephemerellidae) Eurylophella doris

triplex Traver Ephemerella (Ephemeridae) Ephemerella

tripunctata Banks Heptagenia (Heptageniidae) Stenonema femorata
 trivialis Allen and Chao Dactylobaetis (Baetidae) Camelobaetidius
 warreni
 tuberculata Morgan Ephemerella (Ephemerellidae) Drunella
 tuberculatus McDunnough Ameletus (Ameletidae) Ameletus celer
 tuberculatus Soldán Brachycercus (Caenidae) Brachycercus
 turbidum McDunnough Pseudocloeon (Baetidae) Acentrella
 tuscalanensis Berner Isonychia (Isonychiidae) Isonychia
 typicus Eaton Siphonurus (Siphonuridae) Siphonurus

u

uhari Traver Rhithrogena (Heptageniidae) Rhithrogena
 umbratica McDunnough Heptagenia (Heptageniidae) Leucrocota
 undulatus Banks Epeorus (Heptageniidae) Rhithrogena
 unicolor Hagen Cloe (Baetidae) Diphetor hageni
 unicornis Needham Ephemerella (Ephemerellidae) Ephemerella
 uniformis McDunnough Cinygmula (Heptageniidae) Cinygmula
 usa Waltz and McCafferty Pseudocentropitiloides (Baetidae)
 Pseudocentropitiloides

v

vaciva Eaton Leptophlebia (Leptophlebiidae) Paraleptophlebia
 vagans McDunnough Baetis (Baetidae) Baetis tricaudatus
 validus McDunnough Ameletus (Ameletidae) Ameletus
 vancouverensis McDunnough Ameletus (Ameletidae) Ameletus
 varia Eaton Ephemerella (Ephemeridae) Ephemerella
 variabilis Eaton Hexagenia (Ephemeridae) Hexagenia limbata
 varium Traver Stenonema (Heptageniidae) Stenonema modestus
 velma Needham Isonychia (Isonychiidae) Isonychia
 velmae Allen and Edmunds Ephemerella (Ephemerellidae) Serratella
 velox Dodds Ameletus (Ameletidae) Ameletus
 venosus Traver Centropitulum (Baetidae) Procloeon
 venusta Eaton Hexagenia (Ephemeridae) Hexagenia limbata
 vernalis Banks Ephemerella (Ephemerellidae) Ephemerella rotunda
 vernalis McDunnough Ameletus (Ameletidae) Ameletus
 verruca Allen and Edmunds Ephemerella (Ephemerellidae)
 Ephemerella
 versimilis McDunnough Ephemerella (Ephemerellidae) Eurylophella
 verticis Say Baetis (Potamanthidae) Anthopotamus
 vescus Allen Leptohyphes (Leptohyphidae) Leptohyphes
 veteris McDunnough Pseudocloeon (Baetidae) Baetis
 vibex Traver Blasturus (Leptophlebiidae) Leptophlebia pacificus
 vibrans Needham Habrophlebia (Leptophlebiidae) Habrophlebia
 vicaria Walker Baetis (Heptageniidae) Stenonema
 vicina Walsh Cloe (Baetidae) Labiobaetis propinqua
 vicinaria Hagen Cloeon (Baetidae) Procloeon
 victoriae McDunnough Centropitulum (Baetidae) Centropitulum
 viridescens Walker Palingenia (Ephemeridae) Hexagenia limbata
 viridocularis Berner Centropitulum (Baetidae) Procloeon
 virile McDunnough Pseudocloeon (Baetidae) Baetis
 virilis McDunnough Rhithrogena (Heptageniidae) Rhithrogena
 vitrea Dodds Callibaetis (Baetidae) Callibaetis pictus
 vitrea Walker Palingenia (Heptageniidae) Epeorus
 vitta Allen and Chao Rhithrogena (Heptageniidae) Rhithrogena
 vittigera Walsh Pentagenia (Ephemeridae) Pentagenia
 volitans McDunnough Leptophlebia (Leptophlebiidae)
 Paraleptophlebia

w

wabasha Daggy Stenonema (Heptageniidae) Stenonema mexicana
 walkeri Eaton Ephemerella (Ephemerellidae) Drunella

walkeri Ide *Potamanthus* (*Potamanthidae*) *Anthopotamus verticis*
wallacei Edmunds and Jensen *Spinadis* (*Heptageniidae*) *Anepeorus*
simplex
walleyi Harper *Ameletus* (*Ameletidae*) *Ameletus*
walshi McDunnough *Centroptilum* (*Baetidae*) *Procloeon*
walshi McDunnough *Heptagenia* (*Heptageniidae*) *Leucrocuta*
waltzi McCafferty *Camelobaetidius* (*Baetidae*) *Camelobaetidius*
warreni Traver and Edmunds *Dactylobaetis* (*Baetidae*)
Camelobaetidius
wayah Traver *Ephemerella* (*Ephemerellidae*) *Drunella*
weewa Traver *Hexagenia* (*Ephemeridae*) *Hexagenia limbata*
werestschagini Tshernova *Heptagenia* (*Heptageniidae*) *Nixe*
simplicioides
wilsoni Mayo *Ephemerella* (*Ephemerellidae*) *Drunella coloradensis*

y

yosemite Traver *Ephemerella* (*Ephemerellidae*) *Drunella grandis*
youngi Berner *Neoephemera* (*Neoephemeridae*) *Neoephemera*
youngi Roemhild *Caenis* (*Caenidae*) *Caenis*
youngi Traver Iron (*Heptageniidae*) *Epeorus albertae*

Z

zayante Day *Paraleptophlebia* (*Leptophlebiidae*) *Paraleptophlebia*
zenobia Traver and Edmunds *Dactylobaetis* (*Baetidae*)
Camelobaetidius warreni