

# The Ephemeroptera Species of North America and Index to Their Complete Nomenclature

W. P. McCafferty

Department of Entomology, Purdue University, West Lafayette, Indiana 47907,  
U.S.A.

## ABSTRACT

A total of 672 species and subspecies of mayflies (Ephemeroptera) are listed for North America (Canada, Mexico, and the continental United States). Changes to the list are as follows: *Callibaetis ferrugineus hageni* Eaton, 1885, new status [= *C. americanus* Banks, 1900, new synonym] and *Callibaetis ferrugineus ferrugineus* (Walsh), 1862, new status, are western and eastern subspecies, respectively; *Camelobaetidius arriaga* (Traver & Edmunds), 1968 [= *C. chiapas* (Edmunds & Traver), 1968, new synonym, = *C. jenseni* (Edmunds & Traver), 1968, new synonym]; *Isonychia sicca* (Walsh), 1862 [= *I. edmundsi* Kondratieff & Voshell, 1984, new synonym]; *Tortopus puella* (Pictet), 1843 [= *T. incertus* (Traver), 1935, new synonym]; and *Lachlania saskatchewanensis* Ide, 1941 [= *L. powelli* Edmunds, 1951, new synonym]. Ten species are listed as *nomina dubia*. A utilitarian, alphabetical index to 1,428 different species names historically used for the North American fauna is provided. The checklist and index serve as an initial basis for a continually updated electronic version available over the internet.

The last accounting of the mayfly species of North America was contained in the now out-of-print book by Edmunds et al. (1976). Species and their general distribution were tabulated under general treatments of each genus known at that time, however, no other nomenclatural annotations were provided. The last comprehensive treatment of the North American species, i.e. with species synonymies, was by Traver (1935). That work was essentially limited to species known from north of Mexico, and synonymies were not always complete.

The quantity of revisionary work on North American Ephemeroptera since 1976 (e.g., Allen 1980, Bednarik & McCafferty 1979, Flowers 1980, Funk & Sweeney 1994, Kondratieff & Voshell 1984, McCafferty & Waltz 1990, Morihara & McCafferty 1979) and the lack of a recent general account of the entire fauna and its historical nomenclature, have made tracking of the mayfly fauna and its updated classification particularly difficult. This is a serious problem for the many workers who are not mayfly specialists but must deal with mayflies species, whether they be involved in limnological or geographic survey work, freshwater ecological studies, or environmental quality analyses. It is also a special concern of curators of general entomological and zoological collections who must

manage their Ephemeroptera holdings. The need for modern checklists of all orders of insects and its endorsement by the Entomological Collections Network has been discussed by Morse (1993).

The list and index provided here is intended to alleviate the problems discussed above. In addition, and more importantly for the future, it will serve as the initial basis of an electronic version available on the World Wide Web that will be continually updated and will allow all of the convenient search capabilities associated with that medium. The World Wide Web version of the list may be accessed via the Mayfly Central home page.

The checklist below is a consecutively numbered accounting of all recognized species and subspecies of mayflies known from Canada, Mexico, and the continental United States of America. The list is formatted alphabetically by genus and species name under families that are arranged phylogenetically under suborders, and infraorders when appropriate, from McCafferty (1991) with modifications from McCafferty & Wang (1994) and Wang & McCafferty (1995). Equivalent family names beginning with Edmunds et al. (1976) are given in parentheses.

To facilitate tracking of all names that have ever been associated with the mayflies of North America, a comprehensive index for all such names follows the checklist. It is a completely alphabetical list of all names, including synonyms, homonyms, genus/species combinations, misspellings, etc., that historically have been used to refer to the North American Ephemeroptera species. Currently accepted names appear in italics, whereas all others are not italicized. All names in the index have a species number from the checklist associated with them that indicates to what currently valid name in the checklist they refer. Authors and dates of publication of the species names are always given, and the convention of placing author names in parentheses when the original generic name has been changed is maintained.

The names used in the checklist follow the most recent revisions. The one exception to this involves the family Heptageniidae. Independent cladistic research (McCafferty & Wang, in preparation) has indicated that the radical reduction of the generic nomenclature proposed by Kluge (1988) is inappropriate and would preclude considerable phylogenetic and biological information now imparted by the generic names used in the current binomials. Also, Kluge (1988) potentially created a secondary homonym of *Macdunnoa brunnea* Flowers, 1982 by recombining the species name with *Heptagenia*. However, since that revision is not recognized, no homonym exists and no action is necessary.

Edmunds & Allen (1957) regarded *Callibaetis hageni* Eaton, 1885 as a *nomen dubium*, and Edmunds et al. (1976) later indicated that different specimens assigned to this name belonged to *C. americanus* Banks, 1900, *C. carolus* Traver, 1935, and *C. coloradensis* Banks, 1900. McCafferty & Waltz (1990) showed the latter two names to be junior subjective synonyms of *C. americanus*. *Callibaetis ferrugineus hageni*, new status, is regarded here as the senior subjective synonym of *C. americanus*: *Callibaetis ferrugineus hageni* Eaton [= *C. americanus* Banks, new synonym]; *C. ferrugineus ferrugineus* (Walsh), new status, is the eastern subspecies

equivalent to the historical concept of *C. ferrugineus*, and *C. ferrugineus hageni* is the western subspecies equivalent to the historical concept of *C. americanus* and all names that have been synonymized under it (see McCafferty & Waltz 1990).

*Camelobaetidium arriaga* (Traver & Edmunds), 1968, *Camelobaetidium chiapas* (Edmunds & Traver), 1968, and *Camelobaetidium jenseni* (Edmunds & Traver), 1968 were based on slight color variants and questionable genitalic differences (Lugo-Ortiz & McCafferty 1995) in adults that now appear to be from the same population of mayflies, all taken from the same locality in Mexico on the same date. Therefore, based on page priority, the latter two names are placed as junior subjective synonyms of *Camelobaetidium arriaga* (Edmunds & Jensen) [= *C. chiapas* (Edmunds & Traver), new synonym and = *C. jenseni* (Traver & Edmunds), new synonym].

*Isonychia edmundsi* Kondratieff & Voshell, 1984 has no consistent differences with *I. sicca* (Walsh), 1862. Adult coloration differences previously identified for northern (*sicca*) and Neotropical representatives (*edmundsi*) grade through Mexico, and no larval differences are known. *Isonychia sicca* (Walsh) [= *I. edmundsi* Kondratieff & Voshell, new synonym] is considered a far ranging and variable species.

Eaton (1883) incorrectly considered *Tortopus puella* (Pictet), 1843 to be a junior synonym of *Ephoron album* (Say), 1824, and Burks (1953) considered the former species to be of dubious status. From Pictet's (1843) short description, key, and the type locality of New Orleans, it can be discerned that the species belongs to *Tortopus*. Its locality is consistent with that of *T. incertus* (Traver), 1935, not *T. primus* (McDunnough), 1924 (see McCafferty 1994). There is now sufficient evidence to consider *Tortopus incertus* as a subjective junior synonym of *Tortopus puella* (Pictet) [= *T. incertus* (Traver), new synonym].

Koss & Edmunds (1970) in Utah, and McCafferty et al. (1993) in Colorado noted the similarity of *Lachlania saskatchewanensis* Ide, 1941 and *L. powelli* Edmunds, 1951. Because no differences can be found between the two, and because of the now apparent homogeneous distribution, the latter name is here placed as a subjective junior synonym of *Lachlania saskatchewanensis* Ide [= *L. powelli* Edmunds, new synonym].

Except for *C. hageni* and *T. puella*, the other four species listed as *nomina dubia* by Edmunds and Allen (1957) remain as such. In addition, *Baetis posticatus* (Say), 1823, *Baetisca callosa* Traver, 1931, *Callibaetis undatus* (Pictet), 1843, *Heptagenia manifesta* (Eaton), 1885, *Ironodes geminatus* (Eaton), 1885, and *Stenonema flaveolum* (Pictet), 1843 (see McCafferty & Bae 1992) are here listed as *nomina dubia* because the species to which they actually refer cannot be determined.

*Cloeon cognatum* Stephens, 1835 is an adventive species from Europe that until very recently has always been, in North America, incorrectly referred to as *C. dipterum* (Linnaeus), 1761, another European species (see Flowers 1978). For tracking purposes, this historical misidentification is noted by placing the latter name in the index in reference to the former. In no other cases have misidentifications been noted.

## CHECKLIST

Suborder Rectracheata

Infraorder Lanceolata

## LEPTOPHLEBIIDAE

001. *Choroterpes albiannulata* McDunnough, 1924
002. *Choroterpes basalis* (Banks), 1900
003. *Choroterpes ferruginea* Traver, 1934
004. *Choroterpes fusca* Spieth, 1938
005. *Choroterpes hubbelli* Berner, 1946
006. *Choroterpes inornata* Eaton, 1892
007. *Choroterpes terratoma* Seemann, 1927
  
008. *Farrodes texanus* Davis, 1987
  
009. *Habrophlebia vibrans* Needham, 1907
  
010. *Habrophlebiodes americana* (Banks), 1903
011. *Habrophlebiodes annulata* Traver, 1934
012. *Habrophlebiodes brunneipennis* Berner, 1946
013. *Habrophlebiodes celeteria* Berner, 1975
  
014. *Hydrosmilodon primanus* (Eaton), 1892
  
015. *Leptophlebia austrina* (Traver), 1932
016. *Leptophlebia bradleyi* (Needham), 1932
017. *Leptophlebia collina* (Traver), 1932
018. *Leptophlebia cupida* (Say), 1823
019. *Leptophlebia grandis* (Traver), 1932
020. *Leptophlebia gravastella* (Eaton), 1884
021. *Leptophlebia intermedia* (Traver), 1932
022. *Leptophlebia johnsoni* McDunnough, 1924
023. *Leptophlebia nebulosa* (Walker), 1853
024. *Leptophlebia pacifica* (McDunnough), 1933
  
025. *Neochoroterpes kossi* (Allen), 1974
026. *Neochoroterpes oklahoma* (Traver), 1934
027. *Neochoroterpes nanita* (Traver), 1934
028. *Neochoroterpes orientalis* Henry, 1993
  
029. *Paraleptophlebia adoptiva* (McDunnough), 1929
030. *Paraleptophlebia altana* Kilgore & Allen, 1973
031. *Paraleptophlebia aquilina* Harper & Harper, 1986
032. *Paraleptophlebia assimilis* (Banks), 1914
033. *Paraleptophlebia associata* (McDunnough), 1924
034. *Paraleptophlebia bicornuta* (McDunnough), 1926
035. *Paraleptophlebia brunneipennis* (McDunnough), 1924
036. *Paraleptophlebia cachea* Day, 1954

- 
037. *Paraleptophlebia calcarita* Robotham & Allen, 1988  
038. *Paraleptophlebia californica* Traver, 1934  
039. *Paraleptophlebia clara* (McDunnough), 1933  
040. *Paraleptophlebia debilis* (Walker), 1853  
041. *Paraleptophlebia falcula* Traver, 1934  
042. *Paraleptophlebia georgiana* Traver, 1934  
043. *Paraleptophlebia gregalis* (Eaton), 1884  
044. *Paraleptophlebia guttata* (McDunnough), 1924  
045. *Paraleptophlebia helena* Day, 1952  
046. *Paraleptophlebia heteronea* (McDunnough), 1924  
047. *Paraleptophlebia jeanae* Berner, 1955  
048. *Paraleptophlebia kirchneri* Kondratieff & Durfee, 1994  
049. *Paraleptophlebia memorialis* (Eaton), 1884  
050. *Paraleptophlebia moerens* (McDunnough), 1924  
051. *Paraleptophlebia mollis* (Eaton), 1871  
052. *Paraleptophlebia ontario* (McDunnough), 1926  
053. *Paraleptophlebia packi* (Needham), 1927  
054. *Paraleptophlebia placeri* Mayo, 1939  
055. *Paraleptophlebia praepedita* (Eaton), 1884  
056. *Paraleptophlebia quisquilia* Day, 1952  
057. *Paraleptophlebia rufivenosa* (Eaton), 1884  
058. *Paraleptophlebia sculleni* Traver, 1934  
059. *Paraleptophlebia sticta* Burks, 1953  
060. *Paraleptophlebia strigula* (McDunnough), 1932  
061. *Paraleptophlebia swannanoa* (Traver), 1932  
062. *Paraleptophlebia temporalis* (McDunnough), 1926  
063. *Paraleptophlebia vaciva* (Eaton), 1884  
064. *Paraleptophlebia volitans* (McDunnough), 1924  
065. *Paraleptophlebia zayante* Day, 1952
066. *Thraulodes brunneus* Koss, 1966  
067. *Thraulodes ephippiatus* Traver & Edmunds, 1967  
068. *Thraulodes gonzalesi* Traver & Edmunds, 1967  
069. *Thraulodes hilaris* (Eaton), 1892  
070. *Thraulodes humeralis* Navás, 1935  
071. *Thraulodes lunatus* Traver & Edmunds, 1967  
072. *Thraulodes mexicanus* (Eaton), 1884  
073. *Thraulodes packeri* Traver & Edmunds, 1967  
074. *Thraulodes spangleri* Traver & Edmunds, 1967  
075. *Thraulodes speciosus* Traver, 1934  
076. *Thraulodes zonalis* Traver & Edmunds, 1967
077. *Traverella albertana* (McDunnough), 1931  
078. *Traverella lewisi* Allen, 1973  
079. *Traverella presidiana* (Traver), 1934

## BEHNINGIIDAE

080. *Dolania americana* Edmunds & Traver, 1959

## POTAMANTHIDAE

081. *Anthopotamus distinctus* (Traver), 1935  
082. *Anthopotamus myops* (Walsh), 1863  
083. *Anthopotamus neglectus disjunctus* Bae & McCafferty, 1991  
084. *Anihopotamus neglectus neglectus* (Traver), 1935  
085. *Anthopotamus verticis* (Say), 1839

## POLYMITARCYIDAE

(=Euthyplociidae + Polymitarcyidae)

086. *Campsurus cuspidatus* Eaton, 1871  
087. *Campsurus decoloratus* (Hagen), 1861  
  
088. *Ephoron album* (Say), 1824  
089. *Ephoron leukon* Williamson, 1802  
  
090. *Euthyplocia hecuba* (Hagen), 1861  
  
091. *Tortopus circumfluus* Ulmer, 1942  
092. *Tortopus primus* (McDunnough), 1924  
093. *Tortopus puella* (Pictet), 1843

## EPHEMERIDAE

(=Ephemeridae + Palingeniidae)

094. *Ephemera blanda* Traver, 1932  
095. *Ephemera compar* Hagen, 1875  
096. *Ephemera guttulata* Pictet, 1843  
097. *Ephemera simulans* Walker, 1853  
098. *Ephemera traverae* Spieth, 1938  
099. *Ephemera triplex* Traver, 1935  
100. *Ephemera varia* Eaton, 1883  
  
101. *Hexagenia albivitta* (Walker), 1853  
102. *Hexagenia atrocaudata* McDunnough, 1924  
103. *Hexagenia bilineata* (Say), 1824  
104. *Hexagenia limbata* (Serville), 1829  
105. *Hexagenia mexicana* Eaton, 1885  
106. *Hexagenia orlando* Traver, 1931  
107. *Hexagenia rigida* McDunnough, 1924  
  
108. *Litobrancha recurvata* (Morgan), 1913  
  
109. *Pentagenia robusta* McDunnough, 1926  
110. *Pentagenia vittigera* (Walsh), 1862

## Infraorder Pannota

## BAETISCIDAE

111. *Baetisca becki* Schneider & Berner, 1963
112. *Baetisca berneri* Tarter & Kirchner, 1978
113. *Baetisca callosa* Traver, 1931 *nomen dubium*
114. *Baetisca carolina* Traver, 1931
115. *Baetisca columbiana* Edmunds, 1960
116. *Baetisca escambiensis* Berner, 1955
117. *Baetisca gibbera* Berner, 1953
118. *Baetisca lacustris* McDunnough, 1932
119. *Baetisca laurentina* McDunnough, 1932
120. *Baetisca obesa* (Say), 1839
121. *Baetisca rogersi* Berner, 1940
122. *Baetisca rubescens* (Provancher), 1878

## NEOEPHEMERIDAE

123. *Neophemera bicolor* McDunnough, 1925
124. *Neophemera compressa* Berner, 1956
125. *Neophemera purpurea* (Traver), 1931
126. *Neophemera youngi* Berner, 1953

## CAENIDAE

127. *Amercaenis ridens* (McDunnough), 1931
128. *Brachycercus arcticus* Soldán, 1986
129. *Brachycercus berneri* Soldán, 1986
130. *Brachycercus edmundsi* Soldán, 1986
131. *Brachycercus flavus* Traver, 1935
132. *Brachycercus floridicola* Soldán, 1986
133. *Brachycercus lacustris* (Needham), 1918
134. *Brachycercus maculatus* Berner, 1946
135. *Brachycercus nasutus* Soldán, 1986
136. *Brachycercus nitidus* (Traver), 1932
137. *Brachycercus pini* Soldán, 1986
138. *Brachycercus prudens* (McDunnough), 1931
139. *Brachycercus tuberculatus* Soldán, 1986
140. *Caenis amica* Hagen, 1861
141. *Caenis anceps* Traver, 1935
142. *Caenis bajaensis* Allen & Murvosh, 1983
143. *Caenis candida* Harper & Harper, 1981
144. *Caenis diminuta diminuta* Walker, 1853
145. *Caenis hilaris* (Say), 1839
146. *Caenis latipennis* Banks, 1907
147. *Caenis macafferti* Provonsha, 1990
148. *Caenis punctata* McDunnough, 1931
149. *Caenis tardata* McDunnough, 1931

- 150. *Caenis youngi* Roemhild, 1984
- 151. *Cercobrachys etowah* Soldán, 1986
- 152. *Cercobrachys serpentis* Soldán, 1986

## EPHEMERELLIDAE

- 153. *Attenella attenuata* (McDunnough), 1925
- 154. *Attenella delantala* (Mayo), 1952
- 155. *Attenella margarita* (Needham), 1927
- 156. *Attenella soquele* (Day), 1954
  
- 157. *Caudatella cascadia* (Allen & Edmunds), 1961
- 158. *Caudatella edmundsi* (Allen), 1959
- 159. *Caudatella heterocaudata californica* (Allen & Edmunds), 1961
- 160. *Caudatella heterocaudata circia* (Allen & Edmunds), 1961
- 161. *Caudatella heterocaudata heterocaudata* (McDunnough), 1929
- 162. *Caudatella hystrix* (Traver), 1934
- 163. *Caudatella jacobii* (McDunnough), 1939
  
- 164. *Caurinella idahoensis* Allen, 1984
  
- 165. *Drunella allegheniensis* (Traver), 1934
- 166. *Drunella coloradensis* (Dodds), 1923
- 167. *Drunella cornuta* (Morgan), 1911
- 168. *Drunella cornutella* (McDunnough), 1931
- 169. *Drunella doddsi* (Needham), 1927
- 170. *Drunella flavilinea* (McDunnough), 1926
- 171. *Drunella grandis flavitincta* (McDunnough), 1934
- 172. *Drunella grandis grandis* (Eaton), 1884
- 173. *Drunella grandis ingens* (McDunnough), 1934
- 174. *Drunella lata* (Morgan), 1911
- 175. *Drunella longicornis* (Traver), 1932
- 176. *Drunella pelosa* (Mayo), 1951
- 177. *Drunella spinifera* (Needham), 1927
- 178. *Drunella tuberculata* (Morgan), 1911
- 179. *Drunella walkeri* (Eaton), 1884
- 180. *Drunella wayah* (Traver), 1932
  
- 181. *Ephemerella alleni* Jensen & Edmunds, 1966
- 182. *Ephemerella altana* Allen, 1968
- 183. *Ephemerella apopsis* McCafferty, 1992
- 184. *Ephemerella argo* Burks, 1949
- 185. *Ephemerella aurivillii* (Bengtsson), 1908
- 186. *Ephemerella berneri* Allen & Edmunds, 1958
- 187. *Ephemerella catawba* Traver, 1932
- 188. *Ephemerella choctawhatchee* Berner, 1946
- 189. *Ephemerella consimilis* Walsh, 1862 *nomen dubium*
- 190. *Ephemerella crenula* Allen & Edmunds, 1965
- 191. *Ephemerella dorothea* Needham, 1908



192. *Ephemerella excrucians* Walsh, 1862
193. *Ephemerella floripara* McCafferty, 1985
194. *Ephemerella fratercula* McDunnough, 1925
195. *Ephemerella hispida* Allen & Edmunds, 1965
196. *Ephemerella inconstans* Traver, 1932
197. *Ephemerella inermis* Eaton, 1884
198. *Ephemerella infrequens* McDunnough, 1924
199. *Ephemerella invaria* (Walker), 1853
200. *Ephemerella lacustris* Allen & Edmunds, 1965
201. *Ephemerella maculata* Traver, 1934
202. *Ephemerella moffatae* Allen, 1977
203. *Ephemerella mollitia* Seemann, 1927
204. *Ephemerella mucronata* (Bengtsson), 1909
205. *Ephemerella needhami* McDunnough, 1925
206. *Ephemerella ora* Burks, 1949
207. *Ephemerella quebecensis* (Provancher), 1876 *nomen dubium*
208. *Ephemerella rama* Allen, 1968
209. *Ephemerella rossi* Allen & Edmunds, 1965
210. *Ephemerella rotunda* Morgan, 1911
211. *Ephemerella septentrionalis* McDunnough, 1925
212. *Ephemerella simila* Allen & Edmunds, 1965
213. *Ephemerella subvaria* McDunnough, 1931
214. *Ephemerella unicornis* Needham, 1905 *nomen dubium*
215. *Ephemerella verruca* Allen & Edmunds, 1965
  
216. *Eurylophella aestiva* (McDunnough), 1931
217. *Eurylophella bartoni* (Allen), 1977
218. *Eurylophella bicolor* (Clemens), 1913
219. *Eurylophella bicoloroides* (McDunnough), 1938
220. *Eurylophella coxalis* (McDunnough), 1926
221. *Eurylophella doris* (Traver), 1934
222. *Eurylophella enoensis* Funk, 1994
223. *Eurylophella funeralis* (McDunnough), 1925
224. *Eurylophella lodi* (Mayo), 1952
225. *Eurylophella lutulenta* (Clemens), 1913
226. *Eurylophella macdunnoughi* Funk, 1994
227. *Eurylophella minimella* (McDunnough), 1931
228. *Eurylophella poconoensis* Funk, 1994
229. *Eurylophella prudentialis* (McDunnough), 1931
230. *Eurylophella temporalis* (McDunnough), 1924
231. *Eurylophella versimilis* (McDunnough), 1930
  
232. *Serratella carolina* (Berner & Allen), 1961
233. *Serratella deficiens* (Morgan), 1911
234. *Serratella frisoni* (McDunnough), 1927
235. *Serratella levis* (Day), 1954
236. *Serratella micheneri* (Traver), 1934
237. *Serratella molita* (McDunnough), 1930
238. *Serratella sequoia* (Allen & Collins), 1968
239. *Serratella serrata* (Morgan), 1911

240. *Serratella serratooides* (McDunnough), 1931  
241. *Serratella sordida* (McDunnough), 1925  
242. *Serratella spiculosa* (Berner & Allen), 1961  
243. *Serratella teresa* (Traver), 1934  
244. *Serratella tibialis* (McDunnough), 1924  
245. *Serratella velmae* (Allen & Edmunds), 1963
246. *Timpanoga hecuba hecuba* (Eaton), 1884  
247. *Timpanoga hecuba pacifica* (Allen & Edmunds), 1959  
248. *Timpanoga lita* (Burks), 1949  
249. *Timpanoga provonshai* (McCafferty), 1977  
250. *Timpanoga simplex* (McDunnough), 1925

## LEPTOHYPHIDAE

(=Tricorythidae, subfamily Leptohyphinae)

251. *Leptohyphes alleni* Brusca, 1971  
252. *Leptohyphes apache* Allen, 1967  
253. *Leptohyphes bernerii* Traver, 1958  
254. *Leptohyphes brunneus* Allen & Brusca, 1973  
255. *Leptohyphes canstaneus* Allen, 1967  
256. *Leptohyphes dicinctus* Allen & Brusca, 1973  
257. *Leptohyphes dolani* Allen, 1967  
258. *Leptohyphes ferruginus* Allen & Brusca, 1973  
259. *Leptohyphes hispidus* Allen & Brusca, 1973  
260. *Leptohyphes lestes* Allen & Brusca, 1973  
261. *Leptohyphes michaeli* Allen, 1978  
262. *Leptohyphes mirus* Allen, 1967  
263. *Leptohyphes nigripunctus* Traver, 1943  
264. *Leptohyphes packeri* Allen, 1967  
265. *Leptohyphes paraguttatus* Allen, 1978  
266. *Leptohyphes pilosus* Allen & Brusca, 1973  
267. *Leptohyphes quercus* Kilgore & Allen, 1973  
268. *Leptohyphes robacki* Allen, 1967  
269. *Leptohyphes sabinus* Traver, 1958  
270. *Leptohyphes spiculatus* Allen & Brusca, 1973  
271. *Leptohyphes succinus* Allen, 1978  
272. *Leptohyphes tarsos* Allen & Murvosh, 1987  
273. *Leptohyphes vescus* Allen, 1978  
274. *Leptohyphes zalope* Traver, 1958
275. *Tricorythodes albilineatus* Berner, 1946  
276. *Tricorythodes allectus* (Needham), 1905  
277. *Tricorythodes angulatus* Traver, 1959  
278. *Tricorythodes atratus* (McDunnough), 1923  
279. *Tricorythodes comus* Traver, 1959  
280. *Tricorythodes condylus* Allen, 1967  
281. *Tricorythodes corpulentus* Kilgore & Allen, 1973  
282. *Tricorythodes curvatus* Allen, 1977  
283. *Tricorythodes dimorphus* Allen, 1967

284. *Tricorythodes edmundsi* Allen, 1967
285. *Tricorythodes explicatus* (Eaton), 1892
286. *Tricorythodes fictus* Traver, 1935
287. *Tricorythodes minutus* Traver, 1935
288. *Tricorythodes mulaiki* Traver, 1959
289. *Tricorythodes notatus* Allen & Brusca, 1973
290. *Tricorythodes peridius* Burks, 1953
291. *Tricorythodes stygiatus* McDunnough, 1931
292. *Tricorythodes texanus* Traver, 1935
293. *Tricorythodes ulmeri* Allen & Brusca, 1973

Suborder Pisciforma  
ACANTHAMETROPODIDAE

(=Acanthametropodidae + Analetrididae)  
(=Siphonuridae, subfamily Acanthametropodinae)

294. *Acanthametropus pecatonica* (Burks), 1953
295. *Analetris eximia* Edmunds, 1972

AMELETIDAE

(=Siphonuridae, subfamily Siphonurinae in part)

296. *Ameletus aequivocus* McDunnough, 1934
297. *Ameletus alticolus* McDunnough, 1934
298. *Ameletus amator* Mayo, 1939
299. *Ameletus browni* McDunnough, 1933
300. *Ameletus celer* McDunnough, 1934
301. *Ameletus celeroides* McDunnough, 1934
302. *Ameletus connectinus* McDunnough, 1939
303. *Ameletus connectus* McDunnough, 1936
304. *Ameletus cooki* McDunnough, 1929
305. *Ameletus cryptostimulus* Carle, 1978
306. *Ameletus dissitus* Eaton, 1885
307. *Ameletus exquisitus* Eaton, 1885
308. *Ameletus facilis* Day, 1952
309. *Ameletus falsus* McDunnough, 1938
310. *Ameletus imbellis* Day, 1952
311. *Ameletus lineatus* Traver, 1932
312. *Ameletus ludens* Needham, 1905
313. *Ameletus montis* Mayo, 1952
314. *Ameletus oregonensis* McDunnough, 1933
315. *Ameletus querulus* McDunnough, 1938
316. *Ameletus shepherdii* Traver, 1934
317. *Ameletus similior* McDunnough, 1928
318. *Ameletus sparsatus* McDunnough, 1931
319. *Ameletus subnotatus* Eaton, 1885
320. *Ameletus suffusus* McDunnough, 1936
321. *Ameletus tarteri* Burrows, 1987
322. *Ameletus tertius* McDunnough, 1938
323. *Ameletus tuberculatus* McDunnough, 1939

- 324. *Ameletus validus* McDunnough, 1923
- 325. *Ameletus vancouverensis* McDunnough, 1933
- 326. *Ameletus velox* Dodds, 1923
- 327. *Ameletus vernalis* McDunnough, 1924
- 328. *Ameletus walleyi* Harper, 1970

## AMETROPODIDAE

- 329. *Ametropus albrighti* Traver, 1935
- 330. *Ametropus ammophilus* Allen & Edmunds, 1976
- 331. *Ametropus neavei* McDunnough, 1928

## BAETIDAE

- 332. *Acentrella ampla* Traver, 1932
- 333. *Acentrella insignificans* (McDunnough), 1926
- 334. *Acentrella lapponica* Bengtsson, 1912
- 335. *Acentrella turbida* (McDunnough), 1924
  
- 336. *Acerpenna akataleptos* (McDunnough), 1926
- 337. *Acerpenna harti* (McDunnough), 1924
- 338. *Acerpenna macdunnoughi* (Ide), 1937
- 339. *Acerpenna pletura* Lugo-Ortiz & McCafferty, 1994
- 340. *Acerpenna pygmaea* (Hagen), 1861
  
- 341. *Apobaetis etowah* (Traver), 1935
- 342. *Apobaetis indepressus* Day, 1955
  
- 343. *Baetis adonis* Traver, 1935
- 344. *Baetisalachua* (Berner), 1940
- 345. *Baetis alius* Day, 1954
- 346. *Baetis armillatus* McCafferty & Waltz, 1990
- 347. *Baetis bicaudatus* Dodds, 1923
- 348. *Baetis bimaculatus* (Berner), 1946
- 349. *Baetis brunneicolor* McDunnough, 1925
- 350. *Baetis bundyae* Lehmkuhl, 1973
- 351. *Baetis caelestis* Allen & Murvosh, 1983
- 352. *Baetis caurinus* Edmunds & Allen, 1957
- 353. *Baetis cinctutus* McCafferty & Waltz, 1990
- 354. *Baetis diablus* Day, 1954
- 355. *Baetis dubius* (Walsh), 1862
- 356. *Baetis elliotti* (Daggy), 1945
- 357. *Baetis flavistriga* McDunnough, 1921
- 358. *Baetis foemina* McDunnough, 1936
- 359. *Baetis futile* (McDunnough), 1931
- 360. *Baetis hudsonicus* Ide, 1937
- 361. *Baetis intercalaris* McDunnough, 1921
- 362. *Baetis magnus* McCafferty & Waltz, 1986
- 363. *Baetis moffati* Dodds, 1923
- 364. *Baetis notos* Allen & Murvosh, 1987

365. *Baetis palisadi* Mayo, 1952
366. *Baetis parallelus* Banks, 1924
367. *Baetis persecutus* McDunnough, 1939
368. *Baetis piscatoris* Traver, 1935
369. *Baetis pluto* McDunnough, 1925
370. *Baetis posticatus* (Say), 1823 *nomen dubium*
371. *Baetis punctiventris* (McDunnough), 1923
372. *Baetis rubrolaterale* (McDunnough), 1931
373. *Baetis rusticans* McDunnough, 1925
374. *Baetis sulfurosus* Day, 1954
375. *Baetis thermophilos* McDunnough, 1926
376. *Baetis tricaudatus* Dodds, 1923
377. *Baetis veteris* (McDunnough), 1924
378. *Baetis virile* (McDunnough), 1923
  
379. *Baetodes adustus* Cohen & Allen, 1972
380. *Baetodes alleni* McCafferty & Provonsha, 1993
381. *Baetodes arizonensis* Koss, 1972
382. *Baetodes bibranchius* McCafferty & Provonsha, 1993
383. *Baetodes caritus* Cohen & Allen, 1972
384. *Baetodes deficiens* Cohen & Allen, 1972
385. *Baetodes edmundsi* Koss, 1972
386. *Baetodes fortinensis* Mayo, 1972
387. *Baetodes fuscipes* Cohen & Allen, 1972
388. *Baetodes inermis* Cohen & Allen, 1972
389. *Baetodes longus* Mayo, 1973
390. *Baetodes obesus* Mayo, 1972
391. *Baetodes pallidus* Cohen & Allen, 1972
392. *Baetodes pictus* Cohen & Allen, 1972
393. *Baetodes tritus* Cohen & Allen, 1972
  
394. *Barbaetis benfieldi* Kennedy, 1985
395. *Barbaetis cestus* (Provonsha & McCafferty), 1982
  
396. *Callibaetis californicus* Banks, 1900
397. *Callibaetis centralis* Peters, 1959
398. *Callibaetis ferrugineus ferrugineus* (Walsh), 1862 *new status*
399. *Callibaetis ferrugineus hageni* Eaton, 1885 *new status*
400. *Callibaetis floridanus* Banks, 1900
401. *Callibaetis fluctuans* (Walsh), 1862
402. *Callibaetis montanus* Eaton, 1885
403. *Callibaetis pallidus* Banks, 1900
404. *Callibaetis pictus* (Eaton), 1871
405. *Callibaetis pretiosus* Banks, 1914
406. *Callibaetis punctilusus* McCafferty & Provonsha, 1993
407. *Callibaetis skokianus* Needham, 1903
408. *Callibaetis undatus* (Pictet), 1843 *nomen dubium*

409. *Camelobaetidius arriaga* (Traver & Edmunds), 1968  
410. *Camelobaetidius mexicanus* (Traver & Edmunds), 1968  
411. *Camelobaetidius musseri* (Traver & Edmunds), 1968  
412. *Camelobaetidius similis* Lugo-Ortiz & McCafferty, 1995  
413. *Camelobaetidius sinaloa* (Allen & Murvosh), 1987  
414. *Camelobaetidius waltzi* McCafferty, 1994  
415. *Camelobaetidius warreni* (Traver & Edmunds), 1968
416. *Centroptilum alamance* (Traver), 1932  
417. *Centroptilum bifurcatum* McDunnough, 1924  
418. *Centroptilum selanderorum* Edmunds, 1954  
419. *Centroptilum semirufum* McDunnough, 1926  
420. *Centroptilum triangulifer* (McDunnough), 1931  
421. *Centroptilum victoriae* McDunnough, 1938
422. *Cloeodes excogitatus* Waltz & McCafferty, 1987  
423. *Cloeodes macrolamellus* Waltz & McCafferty, 1987  
424. *Cloeodes peninsulus* Waltz & McCafferty, 1987
425. *Cloeon cognatum* Stephens, 1835
426. *Dipheter devinctus* (Traver), 1935  
427. *Dipheter hageni* (Eaton), 1885
428. *Fallceon eatoni* (Kimmins), 1934  
429. *Fallceon longifolius* (Kluge), 1992  
430. *Fallceon quilleri* (Dodds), 1923
431. *Heterocloeon bernerii* (Müller-Liebenau), 1974  
432. *Heterocloeon curiosum* (McDunnough), 1923  
433. *Heterocloeon frivolum* (McDunnough), 1925  
434. *Heterocloeon petersi* (Müller-Liebenau), 1974
435. *Labiobaetis apache* McCafferty & Waltz, 1995  
436. *Labiobaetis dardanus* (McDunnough), 1923  
437. *Labiobaetis ephippiatus* (Traver), 1935  
438. *Labiobaetis frondalis* (McDunnough), 1925  
439. *Labiobaetis longipalpus* (Moriyama & McCafferty), 1979  
440. *Labiobaetis propinquus* (Walsh), 1863
441. *Moribaetis macaferti* Waltz, 1985
442. *Paracloeodes minutus* (Daggy), 1945
443. *Procloeon album* (McDunnough), 1926  
444. *Procloeon asperatum* (Traver), 1935  
445. *Procloeon bellum* (McDunnough), 1924  
446. *Procloeon caliginosum* (McDunnough), 1925  
447. *Procloeon conturbatum* (McDunnough), 1929

448. *Procloeon convexum* (Ide), 1930  
449. *Procloeon elsa* (Traver), 1935  
450. *Procloeon fragile* (McDunnough), 1923  
451. *Procloeon hobbsi* (Berner), 1946  
452. *Procloeon implicatum* (McDunnough), 1924  
453. *Procloeon in anum* (McDunnough), 1924  
454. *Procloeon ingens* (McDunnough), 1923  
455. *Procloeon insignificans* (McDunnough), 1925  
456. *Procloeon intermediale* (McDunnough), 1931  
457. *Procloeon irrubrum* Lowen & Flannagan, 1992  
458. *Procloeon mendax* (Walsh), 1862  
459. *Procloeon minor* (McDunnough), 1926  
460. *Procloeon oreophilum* (Edmunds), 1954  
461. *Procloeon ozburni* (McDunnough), 1924  
462. *Procloeon pennulatum* (Eaton), 1870  
463. *Procloeon quaesitum* (McDunnough), 1931  
464. *Procloeon rivulare* (Traver), 1935  
465. *Procloeon rubropictum* (McDunnough), 1923  
466. *Procloeon rufostrigatum* (McDunnough), 1924  
467. *Procloeon simile* (McDunnough), 1924  
468. *Procloeon simplex* (McDunnough), 1925  
469. *Procloeon texanum* McCafferty & Provonsha, 1993  
470. *Procloeon venosum* (Traver), 1935  
471. *Procloeon vicinum* (Hagen), 1861  
472. *Procloeon viridocularis* (Berner), 1940  
473. *Procloeon walshi* (McDunnough), 1929  
  
474. *Pseudocentroptiloides usa* Waltz & McCafferty, 1989

## METRETOPODIDAE

475. *Metretopus alter* Bengtsson, 1930  
476. *Metretopus borealis* (Eaton), 1871  
  
477. *Siphloplecton basale* (Walker), 1853  
478. *Siphloplecton brunneum* Berner, 1978  
479. *Siphloplecton costalense* Spieth, 1938  
480. *Siphloplecton fuscum* Berner, 1978  
481. *Siphloplecton interlineatum* (Walsh), 1863  
482. *Siphloplecton simile* Berner, 1978  
483. *Siphloplecton speciosum* Traver, 1932

## SIPHONURIDAE

(=Siphonuridae, subfamily Siphonurinae in part)

484. *Edmundsius agilis* Day, 1953  
  
485. *Parameletus chelifer* Bengtsson, 1908  
486. *Parameletus columbiae* McDunnough, 1938  
487. *Parameletus croesus* (McDunnough), 1923

488. *Parameletus midas* (McDunnough), 1923
489. *Siphlonisca aerodromia* Needham, 1908
490. *Siphlonurus alternatus* (Say), 1824
491. *Siphlonurus autumnalis* McDunnough, 1931
492. *Siphlonurus barbaroides* McDunnough, 1929
493. *Siphlonurus barbarus* McDunnough, 1924
494. *Siphlonurus columbianus* McDunnough, 1925
495. *Siphlonurus decorus* Traver, 1932
496. *Siphlonurus demaryi* Kondratieff & Voshell, 1981
497. *Siphlonurus luridipennis* (Burmeister), 1839
498. *Siphlonurus marginatus* Traver, 1932
499. *Siphlonurus marshalli* Traver, 1934
500. *Siphlonurus minnoi* Provonsha & McCafferty, 1982
501. *Siphlonurus mirus* (Eaton), 1885
502. *Siphlonurus noveboracana* (Lichtenstein), 1796 *nomen dubium*
503. *Siphlonurus occidentalis* (Eaton), 1885
504. *Siphlonurus phyllis* McDunnough, 1923
505. *Siphlonurus quebecensis* (Provancher), 1878
506. *Siphlonurus rapidus* McDunnough, 1924
507. *Siphlonurus securifer* McDunnough, 1926
508. *Siphlonurus spectabilis* Traver, 1934
509. *Siphlonurus typicus* (Eaton), 1885

## Suborder Setisura

## ISONYCHIIDAE

(=Oligoneuriidae, subfamily Isonychiinae)

(=Siphlonuridae, subfamily Isonychiinae)

510. *Isonychia arida* (Say), 1839
511. *Isonychia beneri* Kondratieff & Voshell, 1984
512. *Isonychia bicolor* (Walker), 1853
513. *Isonychia campestris* McDunnough, 1931
514. *Isonychia diversa* Traver, 1934
515. *Isonychia georgiae* McDunnough, 1931
516. *Isonychia hoffmani* Kondratieff & Voshell, 1984
517. *Isonychia intermedia* (Eaton), 1885
518. *Isonychia notata* Traver, 1932
519. *Isonychia obscura* Traver, 1932
520. *Isonychia rufa* McDunnough, 1931
521. *Isonychia sayi* Burks, 1953
522. *Isonychia serrata* Traver, 1932
523. *Isonychia sicca* (Walsh), 1862
524. *Isonychia similis* Traver, 1932
525. *Isonychia tusculanensis* Berner, 1948
526. *Isonychia velma* Needham, 1932



## OLIGONEURIIDAE

527. *Homoeoneuria alleni* Pescador & Peters, 1980  
528. *Homoeoneuria ammophila* (Spieth), 1938  
529. *Homoeoneuria cahabensis* Pescador & Peters, 1980  
530. *Homoeoneuria dolani* Edmunds, Berner & Traver, 1958  
531. *Homoeoneuria salviniae* Eaton, 1883  
  
532. *Lachlania dencyanna* Koss, 1970  
533. *Lachlania iops* Allen & Chao, 1977  
534. *Lachlania saskatchewanensis* Ide, 1941

## PSEUDIRONIDAE

(=Heptageniidae, subfamily Pseudironinae)  
(=Siphonuridae, subfamily Pseudironinae)

535. *Pseudiron centralis* McDunnough, 1931

## ARTHROPLEIDAE

(=Heptageniidae, subfamily Arthropleinae)

536. *Arthroplea bipunctata* (McDunnough), 1924

## HEPTAGENIIDAE

(=Heptageniidae, subfamily Heptageniinae)

537. *Acanthomola pubescens* Whiting & Lehmkuhl, 1987

538. *Anepeorus rusticus* McDunnough, 1925

539. *Anepeorus simplex* (Walsh), 1863

540. *Cinygma dimicki* McDunnough, 1934

541. *Cinygma integrum* Eaton, 1885

542. *Cinygma lyriformis* (McDunnough), 1924

543. *Cinygmula confusa* (McDunnough), 1924

544. *Cinygmula gartrelli* McDunnough, 1934

545. *Cinygmula kootenai* McDunnough, 1943

546. *Cinygmula mimus* (Eaton), 1885

547. *Cinygmula par* (Eaton), 1885

548. *Cinygmula ramaleyi* (Dodds), 1923

549. *Cinygmula reticulata* McDunnough, 1934

550. *Cinygmula subaequalis* (Banks), 1914

551. *Cinygmula tarda* (McDunnough), 1929

552. *Cinygmula tioga* Mayo, 1952

553. *Cinygmula uniformis* McDunnough, 1934

554. *Epeorus albertae* (McDunnough), 1924

555. *Epeorus deceptivus* (McDunnough), 1924

556. *Epeorus dispar* (Traver), 1933

557. *Epeorus dulciana* (McDunnough), 1935

558. *Epeorus fragilis* (Morgan), 1911  
559. *Epeorus frisoni* (Burks), 1946  
560. *Epeorus grandis* (McDunnough), 1924  
561. *Epeorus hesperus* (Banks), 1924  
562. *Epeorus lagunitas* (Traver), 1935  
563. *Epeorus longimanus* (Eaton), 1885  
564. *Epeorus margarita* Edmunds & Allen, 1964  
565. *Epeorus metlacensis* Traver, 1964  
566. *Epeorus namatus* (Burks), 1946  
567. *Epeorus permagnus* (Traver), 1935  
568. *Epeorus pleuralis* (Banks), 1910  
569. *Epeorus punctatus* (McDunnough), 1925  
570. *Epeorus rubidus* (Traver), 1933  
571. *Epeorus subpallidus* (Traver), 1937  
572. *Epeorus suffusus* (McDunnough), 1925  
573. *Epeorus vitreus* (Walker), 1853
574. *Heptagenia adequata* McDunnough, 1924  
575. *Heptagenia culacantha* Evans, Botts & Flowers, 1985  
576. *Heptagenia diabasia* Burks, 1946  
577. *Heptagenia dolosa* Traver, 1935  
578. *Heptagenia elegantula* (Eaton), 1885  
579. *Heptagenia flavescens* (Walsh), 1862  
580. *Heptagenia julia* Traver, 1933  
581. *Heptagenia manifesta* (Eaton), 1885 *nomen dubium*  
582. *Heptagenia marginalis* Banks, 1910  
583. *Heptagenia patoka* Burks, 1946  
584. *Heptagenia pulla* (Clemens), 1913  
585. *Heptagenia solitaria* McDunnough, 1924  
586. *Heptagenia townesi* Traver, 1935
587. *Ironodes arctus* Traver, 1935  
588. *Ironodes californicus* (Banks), 1910  
589. *Ironodes flavipennis* Traver, 1935  
590. *Ironodes geminatus* (Eaton), 1885 *nomen dubium*  
591. *Ironodes lepidus* Traver, 1935  
592. *Ironodes nitidus* (Eaton), 1885
593. *Leucrocuta aphrodite* (McDunnough), 1926  
594. *Leucrocuta hebe* (McDunnough), 1924  
595. *Leucrocuta jewetti* (Allen), 1966  
596. *Leucrocuta juno* (McDunnough), 1924  
597. *Leucrocuta maculipennis* (Walsh), 1863  
598. *Leucrocuta minerva* (McDunnough), 1924  
599. *Leucrocuta petersi* (Allen), 1966  
600. *Leucrocuta thetis* (Traver), 1935  
601. *Leucrocuta umbratica* (McDunnough), 1931  
602. *Leucrocuta walshi* (McDunnough), 1926

603. *Macdunnoa brunnea* Flowers, 1982  
604. *Macdunnoa nipawinia* Lehmkuhl, 1979  
605. *Macdunnoa persimplex* (McDunnough), 1929
606. *Nixe bella* (Allen & Cohen), 1977  
607. *Nixe criddlei* (McDunnough), 1927  
608. *Nixe flowersi* McCafferty, 1982  
609. *Nixe horrida* (McDunnough), 1926  
610. *Nixe inconspicua* (McDunnough), 1924  
611. *Nixe kennedyi* (McDunnough), 1924  
612. *Nixe lucidipennis* (Clemens), 1913  
613. *Nixe otiosa* (McDunnough), 1935  
614. *Nixe perfida* (McDunnough), 1926  
615. *Nixe rodocki* (Traver), 1935  
616. *Nixe rosea* (Traver), 1935  
617. *Nixe rusticalis* (McDunnough), 1931  
618. *Nixe salvini* (Kimmings), 1934  
619. *Nixe simplicioides* (McDunnough), 1924  
620. *Nixe spinosa* (Traver), 1933
621. *Raptoheptagenia cruentata* (Walsh), 1863
622. *Rhithrogena amica* Traver, 1935  
623. *Rhithrogena anomala* McDunnough, 1928  
624. *Rhithrogena brunneotincta* McDunnough, 1933  
625. *Rhithrogena decora* Day, 1954  
626. *Rhithrogena exilis* Traver, 1933  
627. *Rhithrogena fasciata* Traver, 1933  
628. *Rhithrogena flavianula* (McDunnough), 1924  
629. *Rhithrogena fuscifrons* Traver, 1933  
630. *Rhithrogena futilis* McDunnough, 1934  
631. *Rhithrogena gaspeensis* McDunnough, 1933  
632. *Rhithrogena hageni* Eaton, 1885  
633. *Rhithrogena impersonata* (McDunnough), 1925  
634. *Rhithrogena jejuna* Eaton, 1885  
635. *Rhithrogena morrisoni* (Banks), 1924  
636. *Rhithrogena notialis* Allen & Chao, 1977  
637. *Rhithrogena pellucida* Daggy, 1945  
638. *Rhithrogena plana* Allen & Chao, 1978  
639. *Rhithrogena robusta* Dodds, 1923  
640. *Rhithrogena rubicunda* Traver, 1937  
641. *Rhithrogena uhari* Traver, 1933  
642. *Rhithrogena undulata* (Banks), 1924  
643. *Rhithrogena virilis* McDunnough, 1934  
644. *Rhithrogena vitta* Allen & Chao, 1978
645. *Stenacron candidum* (Traver), 1935  
646. *Stenacron carolina* (Banks), 1914  
647. *Stenacron floridense* (Lewis), 1974

648. *Stenacron gildersleevei* (Traver), 1935  
 649. *Stenacron interpunctatum* (Say), 1839  
 650. *Stenacron minnetonka* (Daggy), 1945  
 651. *Stenacron pallidum* (Traver), 1933
652. *Stenonema bednariki* McCafferty, 1981  
 653. *Stenonema carlsoni* Lewis, 1974  
 654. *Stenonema exiguum* Traver, 1933  
 655. *Stenonema femoratum* (Say), 1823  
 656. *Stenonema flaveolum* (Pictet), 1843 *nomen dubium*  
 657. *Stenonema ithaca* (Clemens & Leonard), 1924  
 658. *Stenonema lenati* McCafferty, 1990  
 659. *Stenonema luteum* (Clemens), 1913  
 660. *Stenonema mediopunctatum arwini* Bednarik & McCafferty, 1979  
 661. *Stenonema mediopunctatum mediopunctatum* (McDunnough), 1926  
 662. *Stenonema meririvulatum* Carle & Lewis, 1978  
 663. *Stenonema mexicanum integrum* (McDunnough), 1924  
 664. *Stenonema mexicanum mexicanum* (Ulmer), 1920  
 665. *Stenonema modestum* (Banks), 1910  
 666. *Stenonema pudicum* (Hagen), 1861  
 667. *Stenonema pulchellum* (Walsh), 1862  
 668. *Stenonema sinclairi* Lewis, 1979  
 669. *Stenonema smithae* Traver, 1937  
 670. *Stenonema terminatum placitum* (Banks), 1910  
 672. *Stenonema terminatum terminatum* (Walsh), 1862  
 672. *Stenonema vicarium* (Walker), 1853

INDEX OF SPECIES NAME EQUIVALENTS  
 (Only currently accepted names in italics)

- Acanthametropus peccatonica* (Burks), 1953 - 294
- Acanthomola pubescens* Whiting & Lehmkuhl, 1987 - 537
- Acentrella ampla* Traver, 1932 - 332  
*Acentrella carolina* (Banks), 1924 - 335  
*Acentrella insignificans* (McDunnough), 1926 - 333  
*Acentrella lapponica* Bengtsson, 1912 - 334  
*Acentrella turbida* (McDunnough), 1924 - 335
- Acerpenna akataleptos* (McDunnough), 1926 - 336  
*Acerpenna harti* (McDunnough), 1924 - 337  
*Acerpenna macdunnoughi* (Ide), 1937 - 338  
*Acerpenna pletura* Lugo-Ortiz & McCafferty, 1994 - 339  
*Acerpenna pygmaea* (Hagen), 1861 - 340
- Ameletus aequivocus* McDunnough, 1934 - 296  
*Ameletus alticolus* McDunnough, 1934 - 297

- Ameletus amador* Mayo, 1939 - 298  
*Ameletus browni* McDunnough, 1933 - 299  
*Ameletus celer* McDunnough, 1934 - 300  
*Ameletus celeroides* McDunnough, 1934 - 301  
*Ameletus connectina* McDunnough, 1939 - 302  
*Ameletus connectinus* McDunnough, 1939 - 303  
*Ameletus connectus* McDunnough, 1936 - 303  
*Ameletus cooki* McDunnough, 1929 - 304  
*Ameletus cryptostimulus* Carle, 1978 - 305  
*Ameletus dissitus* Eaton, 1885 - 306  
*Ameletus exquisitus* Eaton, 1885 - 307  
*Ameletus facilis* Day, 1952 - 308  
*Ameletus falsus* McDunnough, 1938 - 309  
*Ameletus imbellis* Day, 1952 - 310  
*Ameletus lineatus* Traver, 1932 - 311  
*Ameletus ludens* Needham, 1905 - 312  
*Ameletus monta* Mayo, 1952 - 313  
*Ameletus montis* Mayo, 1952 - 314  
*Ameletus oregonensis* McDunnough, 1933 - 314  
*Ameletus querulus* McDunnough, 1938 - 315  
*Ameletus shepherdii* Traver, 1934 - 316  
*Ameletus similior* McDunnough, 1928 - 317  
*Ameletus sparsatus* McDunnough, 1931 - 318  
*Ameletus subnotatus* Eaton, 1885 - 319  
*Ameletus suffusus* McDunnough, 1936 - 320  
*Ameletus tarteri* Burrows, 1987 - 321  
*Ameletus tertius* McDunnough, 1938 - 322  
*Ameletus tuberculatus* McDunnough, 1939 - 323  
*Ameletus validus* McDunnough, 1923 - 324  
*Ameletus vancouverensis* McDunnough, 1933 - 325  
*Ameletus velox* Dodds, 1923 - 326  
*Ameletus vernalis* McDunnough, 1924 - 327  
*Ameletus walleyi* Harper, 1970 - 328
- Amercaenis ridens* (McDunnough), 1931 - 127
- Ametropus albrighti* Traver, 1935 - 329  
*Ametropus ammophilus* Allen & Edmunds, 1976 - 330  
*Ametropus neavei* McDunnough, 1928 - 331
- Analetris eximia* Edmunds, 1972 - 295
- Anepeorus rusticus* McDunnough, 1925 - 538  
*Anepeorus simplex* (Walsh), 1863 - 539
- Anthopotamus diaphanus* (Needham), 1907 - 085  
*Anthopotamus distinctus* (Traver), 1935 - 081  
*Anthopotamus inequalis* (Needham), 1909 - 082  
*Anthopotamus myops* (Walsh), 1863 - 082

- Anthopotamus neglectus* (Traver), 1935 - 084  
*Anthopotamus neglectus disjunctus* Bae & McCafferty, 1991 - 083  
*Anthopotamus neglectus neglectus* (Traver), 1935 - 084  
*Anthopotamus rufous* (Argo), 1927 - 082  
*Anthopotamus verticis* (Say), 1839 - 085  
*Anthopotamus walkeri* (Ide), 1935 - 085
- Apobaetis etowah* (Traver), 1935 - 341  
*Apobaetis indeprensus* Day, 1955 - 342
- Arthroplea bipunctata* (McDunnough), 1924 - 536
- Attenella attenuata* (McDunnough), 1925 - 153  
*Attenella delantala* (Mayo), 1952 - 154  
*Attenella margarita* (Needham), 1927 - 155  
*Attenella soquele* (Day), 1954 - 156
- Baetis adonis* Traver, 1935 - 343  
*Baetis akataleptos* McDunnough, 1926 - 336  
*Baetis alachua* (Berner), 1940 - 344  
*Baetis alba* Say, 1824 - 088  
*Baetis albivitta* Walker, 1853 - 101  
*Baetis albus* Say, 1824 - 088  
*Baetis alius* Day, 1954 - 345  
*Baetis alternata* Say, 1824 - 490  
*Baetis alternatus* Say, 1824 - 490  
*Baetis amplus* (Traver), 1932 - 332  
*Baetis anachris* Burks, 1953 - 349  
*Baetis annulata* Walker, 1853 - 490  
*Baetis annulatus* Walker, 1853 - 490  
*Baetis arida* Say, 1839 - 510  
*Baetis armillatus* McCafferty & Waltz, 1990 - 346  
*Baetis australis* Traver, 1932 - 438  
*Baetis baeticatus* Burks, 1953 - 438  
*Baetis basalis* Walker, 1853 - 477  
*Baetis bicaudatus* Dodds, 1923 - 347  
*Baetis bilineata* Say, 1824 - 103  
*Baetis bimaculatus* (Berner), 1946 - 348  
*Baetis brunneicolor* McDunnough, 1925 - 349  
*Baetis buenoi* Allen, 1985 - 431  
*Baetis bundyae* Lehmkuhl, 1973 - 350  
*Baetis bundyi* Lehmkuhl, 1973 - 350  
*Baetis byblis* Allen & Murvosh, 1983 - 430  
*Baetis caelestis* Allen & Murvosh, 1983 - 351  
*Baetis canadensis* Walker, 1853 - 649  
*Baetis caurinus* Edmunds & Allen, 1957 - 352  
*Baetis cinctutus* McCafferty & Waltz, 1990 - 353  
*Baetis cingulatus* McDunnough, 1925 - 357  
*Baetis cingulatus* (McDunnough), 1931 - 353

- Baetis cleptis Burks, 1953 - 430  
Baetis dardanus McDunnough, 1923 - 436  
Baetis debilis Walker, 1853 - 040  
Baetis debilis Walsh, 1862 - 581  
Baetis devinctus Traver, 1935 - 426  
*Baetis diablus* Day, 1954 - 354  
*Baetis dubius* (Walsh), 1862 - 355  
Baetis eatoni Kimmins, 1934 - 428  
Baetis elachistus Burks, 1953 - 436  
*Baetis elliotti* (Daggy), 1945 - 356  
Baetis endymion Traver, 1935 - 430  
Baetis ephippiatus Traver, 1935 - 437  
Baetis erebus Traver, 1935 - 430  
Baetis femorata Provancher, 1876 - 490  
Baetis femorata Say, 1823 - 655  
Baetis femorata Walsh, 1862 - 481  
Baetis flaveola Pictet, 1843 - 656  
*Baetis flavistriga* McDunnough, 1921 - 357  
Baetis fluctuans (Walsh), 1862 - 401  
*Baetis foemina* McDunnough, 1936 - 358  
Baetis frivulus McDunnough, 1925 - 433  
Baetis frondalis McDunnough, 1925 - 438  
Baetis fusca Walker, 1853 - 634  
Baetis fuscata Walker, 1853 - 179  
*Baetis futile* (McDunnough), 1931 - 359  
Baetis hageni Eaton, 1885 - 427  
Baetis harti McDunnough, 1924 - 337  
Baetis herodes Burks, 1953 - 427  
Baetis hiemalis Leonard, 1950 - 349  
*Baetis hudsonicus* Ide, 1937 - 360  
Baetis ignava Hagen, 1861 - 018  
Baetis incertans McDunnough, 1925 - 376  
Baetis insignificans McDunnough, 1926 - 333  
*Baetis intercalaris* McDunnough, 1921 - 361  
Baetis interlineata Walsh, 1863 - 481  
Baetis intermedius Dodds, 1923 - 376  
Baetis interpunctata Say, 1839 - 649  
Baetis invaria Walker, 1853 - 199  
Baetis jesmondensis McDunnough, 1938 - 376  
Baetis lapponicus (Bengtsson), 1912 - 334  
Baetis lasallei Banks, 1924 - 361  
Baetis leechi Burks, 1954 - 430  
Baetis levitans McDunnough, 1925 - 357  
Baetis libos Allen & Murvosh, 1987 - 362  
Baetis longifolius Kluge, 1992 - 429  
Baetis longipalpus Morihara & McCafferty, 1979 - 439  
Baetis luridipennis Burmeister, 1839 - 497  
Baetis macani bundyae Lehmkuhl, 1973 - 350  
Baetis macdunnoughi Ide, 1937 - 338

- Baetis magnus* McCafferty & Waltz, 1986 - 362  
*Baetis minimus* Dodds, 1923 - 347  
*Baetis moffati* Dodds, 1923 - 363  
*Baetis nanus* McDunnough, 1923 - 357  
*Baetis notos* Allen & Murvosh, 1987 - 364  
*Baetis noveboracana* (Lichtenstein), 1796 - 502  
*Baetis obesa* Say, 1839 - 120  
*Baetis ochris* Burks, 1953 - 357  
*Baetis palisadi* Mayo, 1952 - 365  
*Baetis pallidulus* McDunnough, 1924 - 357  
*Baetis parallelus* Banks, 1924 - 366  
*Baetis parvulus* (McDunnough), 1932 - 346  
*Baetis parvus* Dodds, 1923 - 427  
*Baetis persecutus* McDunnough, 1939 - 367  
*Baetis phoebus* McDunnough, 1923 - 357  
*Baetis phyllis* Burks, 1953 - 349  
*Baetis pictus* Eaton, 1871 - 404  
*Baetis piscatoris* Traver, 1935 - 368  
*Baetis pluto* McDunnough, 1925 - 369  
*Baetis posticatus* (Say), 1823 - 370  
*Baetis propinquus* (Walsh), 1863 - 440  
*Baetis punctiventris* (McDunnough), 1923 - 371  
*Baetis pygmaeus* (Hagen), 1861 - 340  
*Baetis quebecensis* Hubbard, 1974 - 357  
*Baetis quilleri* Dodds, 1923 - 430  
*Baetis rubescens* (Provancher), 1878 - 122  
*Baetis rubrolaterale* (McDunnough), 1931 - 372  
*Baetis rusticans* McDunnough, 1925 - 373  
*Baetis sicca* Walsh, 1862 - 523  
*Baetis sonora* Allen & Murvosh, 1987 - 430  
*Baetis* sp. A Morihara & McCafferty, 1979 - 351  
*Baetis* sp. B Morihara & McCafferty, 1979 - 362  
*Baetis* sp. C Morihara & McCafferty, 1979 - 364  
*Baetis* sp. No. 1 Traver, 1932 - 376  
*Baetis spiethi* Berner, 1940 - 340  
*Baetis spinosus* McDunnough, 1925 - 440  
*Baetis sulfurosus* Day, 1954 - 374  
*Baetis tessellata* Hagen, 1861 - 399  
*Baetis tessellata* Walker, 1853 - 672  
*Baetis thermophilos* McDunnough, 1926 - 375  
*Baetis tricaudatus* Dodds, 1923 - 376  
*Baetis unicolor* (Hagen), 1861 - 427  
*Baetis vagans* McDunnough, 1925 - 376  
*Baetis verticis* Say, 1839 - 085  
*Baetis veteris* (McDunnough), 1924 - 377  
*Baetis vicaria* Walker, 1853 - 672  
*Baetis virile* (McDunnough), 1923 - 378

*Baetisca bajkovi* Neave, 1934 - 118



- Baetisca becki* Schneider & Berner, 1963 - 111  
*Baetisca berner* Tarter & Kirchner, 1978 - 112  
*Baetisca callosa* Traver, 1931 - 113  
*Baetisca carolina* Traver, 1931 - 114  
*Baetisca columbiana* Edmunds, 1960 - 115  
*Baetisca escambiensis* Berner, 1955 - 116  
*Baetisca gibbera* Berner, 1953 - 117  
*Baetisca lacustris* McDunnough, 1932 - 118  
*Baetisca laurentina* McDunnough, 1932 - 119  
*Baetisca obesa* (Say), 1839 - 120  
*Baetisca rogersi* Berner, 1940 - 121  
*Baetisca rubescens* (Provancher), 1878 - 122  
*Baetisca thomsenae* Traver, 1937 - 114
- Baetodes adustus* Cohen & Allen, 1972 - 379  
*Baetodes alleni* McCafferty & Provonsha, 1993 - 380  
*Baetodes arizonensis* Koss, 1972 - 381  
*Baetodes bellus* Mayo, 1972 - 384  
*Baetodes bibranchius* McCafferty & Provonsha, 1993 - 382  
*Baetodes caritus* Cohen & Allen, 1972 - 383  
*Baetodes deficiens* Cohen & Allen, 1972 - 384  
*Baetodes edmundsi* Koss, 1972 - 385  
*Baetodes fortinensis* Mayo, 1972 - 386  
*Baetodes furvus* Mayo, 1973 - 387  
*Baetodes fuscipes* Cohen & Allen, 1972 - 387  
*Baetodes inermis* Cohen & Allen, 1972 - 388  
*Baetodes longus* Mayo, 1973 - 389  
*Baetodes obesus* Mayo, 1972 - 390  
*Baetodes pallidus* Cohen & Allen, 1972 - 391  
*Baetodes pictus* Cohen & Allen, 1972 - 392  
*Baetodes sigillatus* Allen & Chao, 1972 - 381  
*Baetodes tritus* Cohen & Allen, 1972 - 393  
*Baetodes veracrusensis* Mayo, 1972 - 383
- Barbaetis benfieldi* Kennedy, 1985 - 394  
*Barbaetis cestus* (Provonsha & McCafferty), 1982 - 395
- Blasturus austrinus* Traver, 1932 - 015  
*Blasturus collinus* Traver, 1932 - 017  
*Blasturus concinnus* (Walker), 1853 - 018  
*Blasturus gracilis* Traver, 1932 - 022  
*Blasturus gravastellus* Eaton, 1884 - 020  
*Blasturus intermedius* Traver, 1932 - 021  
*Blasturus nebulosus* (Walker), 1853 - 023  
*Blasturus pacificus* McDunnough, 1933 - 024  
*Blasturus vibex* Traver, 1934 - 024
- Brachycercus arcticus* Soldán, 1986 - 128  
*Brachycercus berner* Soldán, 1986 - 129  
*Brachycercus edmundsi* Soldán, 1986 - 130

- Brachycercus flavus* Traver, 1935 - 131  
*Brachycercus floridicola* Soldán, 1986 - 132  
*Brachycercus idei* (Lestage), 1931 - 133  
*Brachycercus lacustris* (Needham), 1918 - 133  
*Brachycercus maculatus* Berner, 1946 - 134  
*Brachycercus nasutus* Soldán, 1986 - 135  
*Brachycercus nitidus* (Traver), 1932 - 136  
*Brachycercus pini* Soldán 1986 - 137  
*Brachycercus prudens* (McDunnough), 1931 - 138  
*Brachycercus* sp. A Berner, 1950 - 137  
*Brachycercus tuberculatus* Soldán, 1986 - 139
- Caenis amica* Hagen, 1861 - 140  
*Caenis anceps* Traver, 1935 - 141  
*Caenis bajaensis* Allen & Murvosh, 1983 - 142  
*Caenis candida* Harper & Harper, 1981 - 143  
*Caenis delicata* Traver, 1935 - 146  
*Caenis diminuta* Walker, 1853 - 143  
*Caenis diminuta diminuta* Walker, 1853 - 143  
*Caenis forcipata* McDunnough, 1931 - 146  
*Caenis gigas* Burks, 1953 - 146  
*Caenis hilaris* (Say), 1839 - 145  
*Caenis jocosus* McDunnough, 1931 - 146  
*Caenis lacustris* Needham, 1918 - 133  
*Caenis latipennis* Barks, 1907 - 146  
*Caenis maccafferti* Provonsha, 1990 - 147  
*Caenis punctata* McDunnough, 1931 - 148  
*Caenis ridens* McDunnough, 1931 - 127  
*Caenis simulans* McDunnough, 1931 - 140  
*Caenis tardata* McDunnough, 1931 - 149  
*Caenis youngi* Roemhild, 1984 - 150
- Callibaetis americanus* Banks, 1900 - 399  
*Callibaetis brevicostatus* Daggy, 1945 - 407  
*Callibaetis californicus* Banks, 1900 - 396  
*Callibaetis carolus* Traver, 1935 - 399  
*Callibaetis centralis* Peters, 1959 - 397  
*Callibaetis claudiae* Edmunds, 1945 *nomen nudum*- 399  
*Callibaetis coloradensis* Banks, 1900 - 399  
*Callibaetis doddsi* Traver, 1935 - 404  
*Callibaetis evergreenensis* Thew, 1959 - 399  
*Callibaetis ferrugineus ferrugineus* (Walsh), 1862 - 398  
*Callibaetis ferrugineus* (Walsh), 1862 - 398  
*Callibaetis ferrugineus hageni* Eaton, 1885 - 399  
*Callibaetis floridanus* Banks, 1900 - 400  
*Callibaetis fluctuans* (Walsh), 1862 - 401  
*Callibaetis fuscus* Dodds, 1923 - 399  
*Callibaetis hageni* Eaton, 1885 - 399  
*Callibaetis hebes* Upholt, 1936 - 399

*Callibaetis montanus* Eaton, 1885 - 402  
*Callibaetis montanus montanus* Eaton, 1885 - 403  
*Callibaetis montanus punctilulus* McCafferty & Provonsha, 1993 - 406  
*Callibaetis nigrinus* Banks, 1918 - 399  
*Callibaetis pacificus* Seemann, 1927 - 404  
*Callibaetis pallidus* Banks, 1900 - 403  
*Callibaetis pictus* (Eaton), 1871 - 404  
*Callibaetis pretiosus* Banks, 1914 - 405  
*Callibaetis punctilulus* McCafferty & Provonsha, 1993 - 406  
*Callibaetis semicostatus* Banks, 1914 - 403  
*Callibaetis signatus* Banks, 1918 - 404  
*Callibaetis skokianus* Needham, 1903 - 407  
*Callibaetis traversae* Upholt, 1937 - 401  
*Callibaetis undatus* (Pictet), 1843 - 408  
*Callibaetis vitrea* Dodds, 1923 - 404

*Camelobaetidius arriaga* (Traver & Edmunds), 1968 - 409  
*Camelobaetidius cepheus* (Traver & Edmunds), 1968 - 415  
*Camelobaetidius chiapas* (Traver & Edmunds), 1968 - 409  
*Camelobaetidius jenseni* (Traver & Edmunds), 1968 - 409  
*Camelobaetidius mexicanus* (Traver & Edmunds), 1968 - 410  
*Camelobaetidius musseri* (Traver & Edmunds), 1968 - 411  
*Camelobaetidius navis* (Allen & Chao), 1978 - 415  
*Camelobaetidius salinus* (Allen & Chao), 1978 - 411  
*Camelobaetidius similis* Lugo-Ortiz & McCafferty, 1995 - 412  
*Camelobaetidius sinaloa* (Allen & Murvosh), 1987 - 412  
*Camelobaetidius trivialis* (Allen & Chao), 1978 - 415  
*Camelobaetidius waltzi* McCafferty, 1994 - 414  
*Camelobaetidius warreni* (Traver & Edmunds), 1968 - 415  
*Camelobaetidius zenobia* (Traver & Edmunds), 1968 - 415

*Campsurus cuspidatus* Eaton, 1871 - 086  
*Campsurus decoloratus* (Hagen), 1861 - 087  
*Campsurus incertus* Traver, 1935 - 093  
*Campsurus primus* McDunnough, 1924 - 092  
*Campsurus puella* (Pictet), 1843 - 093

*Caudatella cascadia* (Allen & Edmunds), 1961 - 157  
*Caudatella edmundsi* (Allen), 1959 - 158  
*Caudatella heterocaudata californica* (Allen & Edmunds), 1961 - 159  
*Caudatella heterocaudata circia* (Allen & Edmunds), 1961 - 160  
*Caudatella heterocaudata heterocaudata* (McDunnough), 1929 - 161  
*Caudatella hystrix* (Traver), 1934 - 162  
*Caudatella jacobi* (McDunnough), 1939 - 163

*Caurinella idahoensis* Allen, 1984 - 164

*Centroptilum alamance* (Traver), 1932 - 416  
*Centroptilum album* McDunnough, 1926 - 443

*Centroptilum asperatum* Traver, 1935 - 444  
*Centroptilum bellum* McDunnough, 1924 - 445  
*Centroptilum bifurcatum* McDunnough, 1924 - 417  
*Centroptilum bistrigatum* Daggy, 1945 - 466  
*Centroptilum caliginosum* McDunnough, 1925 - 446  
*Centroptilum conturbatum* McDunnough, 1929 - 447  
*Centroptilum convexum* Ide, 1930 - 448  
*Centroptilum curiosum* McDunnough, 1923 - 432  
*Centroptilum elsa* Traver, 1935 - 449  
*Centroptilum fragile* McDunnough, 1923 - 450  
*Centroptilum hobbsi* Berner, 1946 - 451  
*Centroptilum infrequens* McDunnough, 1924 - 462  
*Centroptilum intermediale* McDunnough, 1931 - 456  
*Centroptilum oreophilum* Edmunds, 1954 - 460  
*Centroptilum ozburni* McDunnough, 1924 - 461  
*Centroptilum pennulatum* Eaton, 1870 - 462  
*Centroptilum quaesitum* McDunnough, 1931 - 463  
*Centroptilum rivulare* Traver, 1935 - 464  
*Centroptilum rufrostrigatum* McDunnough, 1924 - 466  
*Centroptilum selanderorum* Edmunds, 1954 - 418  
*Centroptilum semirufum* McDunnough, 1926 - 419  
*Centroptilum simile* McDunnough, 1924 - 467  
*Centroptilum similie* McDunnough, 1924 - 467  
*Centroptilum triangulifer* (McDunnough), 1931 - 420  
*Centroptilum venosum* Traver, 1935 - 470  
*Centroptilum victoriae* McDunnough, 1938 - 421  
*Centroptilum viridocularis* Berner, 1940 - 472  
*Centroptilum walshi* McDunnough, 1929 - 473

*Cercobrachys etowah* Soldán, 1986 - 151  
*Cercobrachys serpentis* Soldán, 1986 - 152

*Chironetes albomanicatus* Needham, 1905 - 512  
*Chironetes intermedius* Eaton, 1885 - 517  
*Chironetes mancus* (Eaton), 1871 - 523  
*Chironetes siccus* (Walsh), 1862 - 523

*Chitonophora aurivillii* Bengtsson, 1908 - 185  
*Chitonophora mucronata* Bengtsson, 1909 - 204  
*Chitonophora vernalis* (Banks), 1914 - 210

*Choroerpes albiannulata* McDunnough, 1924 - 001  
*Choroerpes basalis* (Banks), 1900 - 002  
*Choroerpes betteni* Needham, 1908 - 010  
*Choroerpes crocatus* Allen, 1974 - 027  
*Choroerpes ferruginea* Traver, 1934 - 003  
*Choroerpes fusca* Spieth, 1938 - 004  
*Choroerpes hubbelli* Berner, 1946 - 005

*Choroerpes inornata* Eaton, 1892 - 006  
*Choroerpes kossi* Allen, 1974 - 025  
*Choroerpes manita* Traver, 1934 - 027  
*Choroerpes mexicana* Allen, 1974 - 026  
*Choroerpes mexicanus* Allen, 1974 - 026  
*Choroerpes nanita* Traver, 1934 - 027  
*Choroerpes oaxacaensis* Brusca & Allen, 1973 - 006  
*Choroerpes oklahoma* Traver, 1934 - 026  
*Choroerpes* sp. 1 Lugo-Ortiz & McCafferty, 1995 - 025  
*Choroerpes* sp. 2 Lugo-Ortiz & McCafferty, 1995 - 026  
*Choroerpes terratoma* Seemann, 1927 - 007

*Cinygma atlantica* McDunnough, 1924 - 550  
*Cinygma bipunctata* McDunnough, 1924 - 536  
*Cinygma confusa* McDunnough, 1924 - 543  
*Cinygma deceptivus* McDunnough, 1924 - 555  
*Cinygma dimicki* McDunnough, 1934 - 540  
*Cinygma geminatum* Eaton, 1885 - 590  
*Cinygma hyalina* McDunnough, 1924 - 547  
*Cinygma integrum* Eaton, 1885 - 541  
*Cinygma lyriformis* (McDunnough), 1924 - 542  
*Cinygma mimus* Eaton, 1885 - 546  
*Cinygma par* Eaton, 1885 - 547  
*Cinygma ramaleyi* (Dodds), 1923 - 548  
*Cinygma tarda* McDunnough, 1929 - 551

*Cinygmula atlantica* (McDunnough), 1924 - 550  
*Cinygmula confusa* (McDunnough), 1924 - 543  
*Cinygmula gartrelli* McDunnough, 1934 - 544  
*Cinygmula hyalina* (McDunnough), 1924 - 547  
*Cinygmula kootenai* McDunnough, 1943 - 545  
*Cinygmula mimus* (Eaton), 1885 - 546  
*Cinygmula par* (Eaton), 1885 - 547  
*Cinygmula ramaleyi* (Dodds), 1923 - 548  
*Cinygmula reticulata* McDunnough, 1934 - 549  
*Cinygmula subaequalis* (Banks), 1914 - 550  
*Cinygmula tarda* (McDunnough), 1929 - 551  
*Cinygmula tioga* Mayo, 1952 - 552  
*Cinygmula uniformis* McDunnough, 1934 - 553

*Cloe dubia* Walsh, 1862 - 355  
*Cloe fluctuans* Walsh, 1862 - 401  
*Cloe mollis* Hagen, 1961 - 040  
*Cloe posticata* (Say), 1823 - 370  
*Cloe propinqua* Walsh, 1863 - 440  
*Cloe pygmaea* Hagen, 1861 - 339  
*Cloe quebecensis* Provancher, 1876 - 207  
*Cloe rubescens* Provancher, 1878 - 122  
*Cloe undata* Pictet, 1845 - 408

*Cloe unicolor* Hagen, 1861 - 427

*Cloe vicina* Walsh, 1862 - 440

*Cloeon alamance* (Traver), 1932 - 416

*Cloeon carolina* Banks, 1924 - 335

*Cloeon cognatum* Stephens, 1835 - 425

*Cloeon dipterum* (Linnaeus), 1761: misidentification of - 425

*Cloeon dubium* (Walsh), 1862 - 355

*Cloeon implicatum* McDunnough, 1924 - 452

*Cloeon in anum* McDunnough, 1924 - 453

*Cloeon ingens* McDunnough, 1923 - 454

*Cloeon insignificans* McDunnough, 1925 - 455

*Cloeon mendax* Walsh, 1862 - 458

*Cloeon minor* McDunnough, 1926 - 459

*Cloeon posticata* Say, 1823 - 370

*Cloeon rubropictum* McDunnough, 1923 - 465

*Cloeon simplex* McDunnough, 1925 - 468

*Cloeon triangulifer* McDunnough, 1931 - 420

*Cloeon undata* (Pictet), 1843 - 408

*Cloeon vicinum* (Hagen), 1861 - 471

*Cloeodes excogitatus* Waltz & McCafferty, 1987 - 422

*Cloeodes macrolamellus* Waltz & McCafferty, 1987 - 423

*Cloeodes peninsulus* Waltz & McCafferty, 1987 - 424

*Dactylobaetis arriaga* Traver & Edmunds, 1968 - 409

*Dactylobaetis cepheus* Traver & Edmunds, 1968 - 415

*Dactylobaetis chiapas* Traver & Edmunds, 1968 - 409

*Dactylobaetis jenseni* Traver & Edmunds, 1968 - 409

*Dactylobaetis mexicanus* Traver & Edmunds, 1968 - 410

*Dactylobaetis musseri* Traver & Edmunds, 1968 - 411

*Dactylobaetis navis* Allen & Chao, 1978 - 415

*Dactylobaetis salinus* Allen & Chao, 1978 - 411

*Dactylobaetis sinaloa* Allen & Murvosh, 1987 - 412

*Dactylobaetis trivialis* Allen & Chao, 1978 - 415

*Dactylobaetis warreni* Traver & Edmunds, 1968 - 415

*Dactylobaetis zenobia* Traver & Edmunds, 1968 - 415

*Dannella bartoni* (Allen), 1977 - 217

*Dannella lita* (Burks), 1949 - 248

*Dannella provonshai* (McCafferty), 1977 - 249

*Dannella simplex* (McDunnough), 1925 - 250

*Dipheter devinctus* (Traver), 1935 - 426

*Dipheter hageni* (Eaton), 1885 - 427

*Dolania americana* Edmunds & Traver, 1959 - 080

*Drunella allegheniensis* (Traver), 1934 - 165

- Drunella coloradensis* (Dodds), 1923 - 166  
*Drunella conestee* (Traver), 1932 - 178  
*Drunella cornuta* (Morgan), 1911 - 167  
*Drunella cornutella* (McDunnough), 1931 - 168  
*Drunella doddsi* (Needham), 1927 - 169  
*Drunella flavilinea* (McDunnough), 1926 - 170  
*Drunella grandis* (Eaton), 1884 - 172  
*Drunella grandis flavitincta* (McDunnough), 1934 - 171  
*Drunella grandis grandis* (Eaton), 1884 - 172  
*Drunella grandis ingens* (McDunnough), 1934 - 173  
*Drunella lata* (Morgan), 1911 - 174  
*Drunella longicornis* (Traver), 1932 - 175  
*Drunella pelosa* (Mayo), 1951 - 176  
*Drunella spinifera* (Needham), 1927 - 177  
*Drunella tuberculata* (Morgan), 1911 - 178  
*Drunella walkeri* (Eaton), 1884 - 179  
*Drunella wayah* (Traver), 1932 - 180
- Ecdyonurus aphrodite* (McDunnough), 1926 - 593  
*Ecdyonurus bipunctatus* McDunnough, 1926 - 671  
*Ecdyonurus carolina* (Banks), 1914 - 646  
*Ecdyonurus criddlei* (McDunnough), 1927 - 607  
*Ecdyonurus femoratus* (Say), 1823 - 655  
*Ecdyonurus flowersi* (McCafferty), 1982 - 608  
*Ecdyonurus frontalis* (Banks), 1910 - 649  
*Ecdyonurus fusca* (Clemens), 1913 - 672  
*Ecdyonurus fuscum* (Clemens), 1913 - 672  
*Ecdyonurus hebe* (McDunnough), 1924 - 594  
*Ecdyonurus heterotarsalis* McDunnough, 1933 - 649  
*Ecdyonurus horridus* (McDunnough), 1926 - 609  
*Ecdyonurus inconspicuus* (McDunnough), 1924 - 610  
*Ecdyonurus ithaca* (Clemens & Leonard), 1924 - 657  
*Ecdyonurus jewetti* (Allen), 1966 - 595  
*Ecdyonurus juno* (McDunnough), 1924 - 596  
*Ecdyonurus kennedyi* (McDunnough), 1924 - 611  
*Ecdyonurus lucidipennis* (Clemens), 1913 - 612  
*Ecdyonurus luteus* (Clemens), 1913 - 659  
*Ecdyonurus lyriformis* McDunnough, 1924 - 542  
*Ecdyonurus maculipennis* (Walsh), 1863 - 597  
*Ecdyonurus mediopunctatus* McDunnough, 1926 - 661  
*Ecdyonurus minerva* (McDunnough), 1924 - 598  
*Ecdyonurus nepotellus* McDunnough, 1933 - 661  
*Ecdyonurus otiosus* (McDunnough), 1935 - 613  
*Ecdyonurus perfidus* (McDunnough), 1926 - 614  
*Ecdyonurus petersi* (Allen), 1966 - 599  
*Ecdyonurus placita* (Banks), 1910 - 670  
*Ecdyonurus pudicus* (Hagen), 1861 - 666  
*Ecdyonurus pulchellus* (Walsh), 1862 - 667  
*Ecdyonurus pullus* Clemens, 1913 - 584

*Ecdyonurus ramaleyi* Dodds, 1923 - 548  
*Ecdyonurus rivulicolus* McDunnough, 1933 - 672  
*Ecdyonurus rodocki* (Traver), 1935 - 615  
*Ecdyonurus roseus* (Traver), 1935 - 616  
*Ecdyonurus ruber* McDunnough, 1926 - 665  
*Ecdyonurus rubromaculatus* (Clemens), 1913 - 665  
*Ecdyonurus rusticalis* (McDunnough), 1913 - 617  
*Ecdyonurus salvini* (Kimmins), 1934 - 618  
*Ecdyonurus simplicioides* (McDunnough), 1924 - 619  
*Ecdyonurus spinosus* (Traver), 1933 - 620  
*Ecdyonurus terminatus* (Walsh), 1862 - 671  
*Ecdyonurus thetis* (Traver), 1935 - 600  
*Ecdyonurus tripunctatus* (Banks), 1910 - 655  
*Ecdyonurus umbraticus* (McDunnough), 1931 - 601  
*Ecdyonurus vicarius* (Walker), 1853 - 672  
*Ecdyonurus walshi* (McDunnough), 1926 - 602

*Ecdyurus canadensis* (Walker), 1835 - 649  
*Ecdyurus grandis* Clemens, 1913 - 584  
*Ecdyurus lucidipennis* Clemens, 1913 - 612  
*Ecdyurus luridipennis* (Burmeister), 1839 - 497  
*Ecdyurus maculipennis* (Walsh), 1863 - 597  
*Ecdyurus pullus* Clemens, 1913 - 584  
*Ecdyurus verticis* (Say), 1839 - 084  
*Ecdyurus vicarius* (Walker), 1853 - 672

*Edmundsius agilis* Day, 1953 - 484

*Epeorus albertae* (McDunnough), 1924 - 554  
*Epeorus arctus* (Traver), 1935 - 587  
*Epeorus californicus* (Banks), 1910 - 588  
*Epeorus deceptivus* (McDunnough), 1924 - 555  
*Epeorus dispar* (Traver), 1933 - 556  
*Epeorus dulciana* (McDunnough), 1935 - 557  
*Epeorus flavipennis* (Traver), 1935 - 589  
*Epeorus fragilis* (Morgan), 1911 - 558  
*Epeorus frisoni* (Burks), 1946 - 559  
*Epeorus geminatus* (Eaton), 1885 - 590  
*Epeorus grandis* (McDunnough), 1924 - 560  
*Epeorus hesperus* (Banks), 1924 - 561  
*Epeorus humeralis* Morgan, 1911 - 574  
*Epeorus lagunitas* (Traver), 1935 - 562  
*Epeorus lepidus* (Traver), 1935 - 591  
*Epeorus longimanus* (Eaton), 1885 - 563  
*Epeorus margarita* Edmunds & Allen, 1964 - 564  
*Epeorus metlacensis* Traver, 1964 - 565  
*Epeorus modestus* Banks, 1910 - 665  
*Epeorus morrisoni* Banks, 1924 - 636  
*Epeorus namatus* (Burks), 1946 - 566



- Epeorus nitidus* (Eaton), 1885 - 592  
*Epeorus permagnus* (Traver), 1935 - 567  
*Epeorus pleuralis* (Banks), 1910 - 568  
*Epeorus punctatus* (McDunnough), 1925 - 569  
*Epeorus rubidus* (Traver), 1933 - 570  
*Epeorus subpallidus* (Traver), 1937 - 571  
*Epeorus suffusus* (McDunnough), 1925 - 572  
*Epeorus undulata* Banks, 1924 - 642  
*Epeorus vitreus* (Walker), 1853 - 573
- Ephemera blanda* Traver, 1932 - 094  
*Ephemera compar* Hagen, 1875 - 095  
*Ephemera cupida* Say, 1923 - 018  
*Ephemera decora* Walker, 1853 - 097  
*Ephemera flaveola* Walsh, 1862 - 085  
*Ephemera guttulata* Pictet, 1843 - 096  
*Ephemera hebes* Walker, 1853 - 018  
*Ephemera hilaris* Say, 1839 - 145  
*Ephemera limbata* Serville, 1829 - 103  
*Ephemera myops* Walsh, 1863 - 082  
*Ephemera natata* (Walker), 1853 - 097  
*Ephemera noveboracana* Lichtenstein, 1796 - 502  
*Ephemera pudica* Hagen, 1861 - 666  
*Ephemera simulans* Walker, 1853 - 097  
*Ephemera traverae* Spieth, 1938 - 098  
*Ephemera traveri* Spieth, 1938 - 098  
*Ephemera triplex* Traver, 1935 - 099  
*Ephemera varia* Eaton, 1883 - 100
- Ephemerella aestiva* McDunnough, 1931 - 216  
*Ephemerella allegheniensis* Traver, 1934 - 165  
*Ephemerella alleni* Jensen & Edmunds, 1966 - 181  
*Ephemerella altana* Allen, 1968 - 182  
*Ephemerella angusta* Traver, 1934 - 244  
*Ephemerella angustata* Traver, 1934 - 245  
*Ephemerella apopsis* McCafferty, 1992 - 183  
*Ephemerella argo* Burks, 1949 - 184  
*Ephemerella aroni* Eaton, 1908 - 185  
*Ephemerella aronii* Eaton, 1908 - 185  
*Ephemerella atrescens* McDunnough, 1925 - 233  
*Ephemerella attenuata* McDunnough, 1925 - 153  
*Ephemerella aurivillii* (Bengtsson), 1908 - 185  
*Ephemerella autumnalis* McDunnough, 1934 - 177  
*Ephemerella bartoni* Allen, 1977 - 217  
*Ephemerella berneri* Allen & Edmunds, 1958 - 186  
*Ephemerella bicolor* Clemens, 1913 - 218  
*Ephemerella bicoloroides* McDunnough, 1938 - 219  
*Ephemerella bispina* Needham, 1905 - 179  
*Ephemerella carolina* Berner & Allen, 1961 - 232

- Ephemerella cascadia* Allen & Edmunds, 1961 - 157  
*Ephemerella catawba* Traver, 1932 - 187  
*Ephemerella cherokee* Traver, 1937 - 178  
*Ephemerella choctawhatchee* Berner, 1946 - 188  
*Ephemerella cognata* Traver, 1934 - 243  
*Ephemerella coloradensis* Dodds, 1923 - 166  
*Ephemerella columbiella* McDunnough, 1935 - 161  
*Ephemerella concinnata* Traver, 1934 - 185  
*Ephemerella conestee* Traver, 1932 - 178  
*Ephemerella consimilis* Walsh, 1862 - 189  
*Ephemerella cornuta* Morgan, 1911 - 167  
*Ephemerella cornutella* McDunnough, 1931 - 168  
*Ephemerella coxalis* McDunnough, 1926 - 220  
*Ephemerella crenula* Allen & Edmunds, 1965 - 190  
*Ephemerella deficiens* Morgan, 1925 - 233  
*Ephemerella delantala* Mayo, 1952 - 154  
*Ephemerella depressa* Ide, 1930 - 167  
*Ephemerella doddsi* Needham, 1927 - 169  
*Ephemerella doris* Traver, 1934 - 221  
*Ephemerella dorothea* Needham, 1908 - 191  
*Ephemerella edmundsi* Allen, 1959 - 158  
*Ephemerella euterpe* Traver, 1934 - 201  
*Ephemerella excrucians* Walsh, 1862 - 192  
*Ephemerella feminina* Needham, 1924 - 210  
*Ephemerella flavilinea* McDunnough, 1926 - 170  
*Ephemerella flavitincta* McDunnough, 1934 - 171  
*Ephemerella floripara* McCafferty, 1985 - 193  
*Ephemerella fratercula* McDunnough, 1925 - 194  
*Ephemerella frisoni* McDunnough, 1927 - 234  
*Ephemerella funeralis* McDunnough, 1925 - 223  
*Ephemerella glacialis* Traver, 1934 - 173  
*Ephemerella glacialis carsona* Day, 1952 - 172  
*Ephemerella glacialis glacialis* Traver, 1934 - 173  
*Ephemerella grandis* Eaton, 1884 - 172  
*Ephemerella grandis flavitincta* McDunnough, 1934 - 171  
*Ephemerella grandis grandis* Eaton, 1884 - 172  
*Ephemerella grandis ingens* McDunnough, 1934 - 173  
*Ephemerella hecuba* Eaton, 1884 - 246  
*Ephemerella hecuba hecuba* Eaton, 1884 - 246  
*Ephemerella hecuba pacifica* Allen & Edmunds, 1959 - 247  
*Ephemerella heterocaudata* McDunnough, 1929 - 161  
*Ephemerella heterocaudata californica* Allen & Edmunds, 1961 - 159  
*Ephemerella heterocaudata circia* Allen & Edmunds, 1961 - 160  
*Ephemerella heterocaudata heterocaudata* McDunnough, 1929 - 161  
*Ephemerella hirsuta* Berner, 1946 - 153  
*Ephemerella hispida* Allen & Edmunds, 1965 - 195  
*Ephemerella hystrix* Traver, 1934 - 162  
*Ephemerella inconstans* Traver, 1932 - 196  
*Ephemerella inermis* Eaton, 1884 - 197

- Ephemerella inflata* McDunnough, 1926 - 174  
*Ephemerella infrequens* McDunnough, 1924 - 198  
*Ephemerella ingens* McDunnough, 1934 - 173  
*Ephemerella invaria* (Walker), 1853 - 199  
*Ephemerella jacobi* McDunnough, 1939 - 163  
*Ephemerella lacustris* Allen & Edmunds, 1965 - 200  
*Ephemerella lapidula* McDunnough, 1935 - 170  
*Ephemerella lata* Morgan, 1911 - 174  
*Ephemerella levis* Day, 1954 - 235  
*Ephemerella lineata* Clemens, 1913 - 225  
*Ephemerella lita* Burks, 1949 - 248  
*Ephemerella lodi* Mayo, 1952 - 224  
*Ephemerella longicornis* Traver, 1932 - 175  
*Ephemerella lutulenta* Clemens, 1913 - 225  
*Ephemerella maculata* Traver, 1934 - 201  
*Ephemerella margarita* Needham, 1927 - 155  
*Ephemerella micheneri* Traver, 1934 - 235  
*Ephemerella minimella* McDunnough, 1931 - 227  
*Ephemerella moffatae* Allen, 1977 - 202  
*Ephemerella molita* McDunnough, 1930 - 237  
*Ephemerella mollitia* Seemann, 1927 - 203  
*Ephemerella mucronata* (Bengtsson), 1909 - 204  
*Ephemerella needhami* McDunnough, 1925 - 205  
*Ephemerella norda* McDunnough, 1924 - 185  
*Ephemerella ora* Burks, 1949 - 206  
*Ephemerella orestes* Allen & Edmunds, 1961 - 163  
*Ephemerella pelosa* Mayo, 1951 - 176  
*Ephemerella proserpina* Traver, 1934 - 173  
*Ephemerella provonshai* McCafferty, 1977 - 249  
*Ephemerella prudentialis* McDunnough, 1931 - 229  
*Ephemerella quebecensis* (Provancher), 1876 - 207  
*Ephemerella rama* Allen, 1968 - 208  
*Ephemerella rossi* Allen & Edmunds, 1965 - 209  
*Ephemerella rotunda* Morgan, 1911 - 210  
*Ephemerella semiflava* McDunnough, 1926 - 192  
*Ephemerella septentrionalis* McDunnough, 1925 - 211  
*Ephemerella sequoia* Allen & Collins, 1968 - 238  
*Ephemerella serrata* Morgan, 1911 - 239  
*Ephemerella serratoides* McDunnough, 1931 - 240  
*Ephemerella sierra* Mayo, 1952 - 177  
*Ephemerella simila* Allen & Edmunds, 1965 - 212  
*Ephemerella simplex* McDunnough, 1925 - 250  
*Ephemerella soquele* Day, 1954 - 156  
*Ephemerella sordida* McDunnough, 1925 - 241  
*Ephemerella* sp. No. 1 Mayo, 1952 - 172  
*Ephemerella* sp. No. 2 Mayo, 1952 - 235  
*Ephemerella spiculosa* Berner & Allen, 1961 - 242  
*Ephemerella spinifera* Needham, 1927 - 177  
*Ephemerella spinosa* Mayo, 1951 - 162

*Ephemerella subvaria* McDunnough, 1931 - 213  
*Ephemerella temporalis* McDunnough, 1924 - 230  
*Ephemerella teresa* Traver, 1934 - 243  
*Ephemerella tibialis* McDunnough, 1924 - 244  
*Ephemerella trilineata* Berner, 1946 - 221  
*Ephemerella tuberculata* Morgan, 1911 - 178  
*Ephemerella unicornis* Needham, 1905 - 214  
*Ephemerella velmae* Allen & Edmunds, 1963 - 245  
*Ephemerella vernalis* Banks, 1914 - 210  
*Ephemerella verruca* Allen & Edmunds, 1965 - 215  
*Ephemerella versimilis* McDunnough, 1930 - 231  
*Ephemerella walkeri* Eaton, 1884 - 179  
*Ephemerella wayah* Traver, 1932 - 180  
*Ephemerella wilsoni* Mayo, 1952 - 166  
*Ephemerella yosemite* Traver, 1934 - 173

*Ephoron album* (Say), 1824 - 088  
*Ephoron leukon* Williamson, 1802 - 089

*Eurycaenis ideii* Lestage, 1931 - 133  
*Eurycaenis nitidus* Traver, 1932 - 136  
*Eurycaenis prudens* McDunnough, 1931 - 138

*Eurylophella aestiva* (McDunnough), 1931 - 216  
*Eurylophella bartoni* (Allen), 1977 - 217  
*Eurylophella bicolor* (Clemens), 1913 - 218  
*Eurylophella bicoloroides* (McDunnough), 1938 - 219  
*Eurylophella coxalis* (McDunnough), 1926 - 220  
*Eurylophella doris* (Traver), 1934 - 221  
*Eurylophella enoensis* Funk, 1994 - 222  
*Eurylophella funeralis* (McDunnough), 1925 - 223  
*Eurylophella lodi* (Mayo), 1952 - 224  
*Eurylophella lutulenta* (Clemens), 1913 - 225  
*Eurylophella macdunnoughi* Funk, 1994 - 226  
*Eurylophella minimella* (McDunnough), 1931 - 227  
*Eurylophella poconoensis* Funk, 1994 - 228  
*Eurylophella prudentialis* (McDunnough), 1931 - 229  
*Eurylophella temporalis* (McDunnough), 1924 - 230  
*Eurylophella versimilis* (McDunnough), 1930 - 231

*Euthyplocia hecuba* (Hagen), 1861 - 090

*Fallceon buenoi* (Allen), 1985 - 430  
*Fallceon byblis* (Allen & Murvosh), 1983 - 430  
*Fallceon eatoni* (Kimmins), 1934 - 428  
*Fallceon longifolius* (Kluge), 1992 - 429  
*Fallceon quilleri* (Dodds), 1923 - 430

*Farrodes texanus* Davis, 1987 - 008

- Habrophlebia americana* Banks, 1903 - 010  
*Habrophlebia jocosa* Banks, 1914 - 009  
*Habrophlebia pusilla* Traver, 1932 - 009  
*Habrophlebia vibrans* Needham, 1907 - 009
- Habrophlebiodes americana* (Banks), 1903 - 010  
*Habrophlebiodes annulata* Traver, 1934 - 011  
*Habrophlebiodes betteni* (Needham), 1908 - 010  
*Habrophlebiodes brunneipennis* Berner, 1946 - 012  
*Habrophlebiodes celeteria* Berner, 1975 - 013
- Heptagenia adequata* McDunnough, 1924 - 574  
*Heptagenia aphrodite* McDunnough, 1926 - 593  
*Heptagenia basalis* (Walker), 1853 - 477  
*Heptagenia bednariki* (McCafferty), 1981 - 652  
*Heptagenia bella* Allen & Cohen, 1977 - 606  
*Heptagenia borealis* Eaton, 1871 - 476  
*Heptagenia brunnea* (Flowers), 1982 - 605  
*Heptagenia brunnea* Hagen, 1875 - 632  
*Heptagenia canadensis* (Walker), 1853 - 649  
*Heptagenia candida* (Traver), 1935 - 645  
*Heptagenia carolina* Banks, 1914 - 646  
*Heptagenia carlsoni* (Lewis), 1974 - 653  
*Heptagenia coxalis* Banks, 1914 - 578  
*Heptagenia criddlei* McDunnough, 1927 - 607  
*Heptagenia cruentata* Walsh, 1863 - 621  
*Heptagenia culacantha* Evans, Botts & Flowers, 1985 - 575  
*Heptagenia diabasia* Burks, 1946 - 576  
*Heptagenia dolosa* Traver, 1935 - 577  
*Heptagenia elegantula* (Eaton), 1885 - 578  
*Heptagenia exigua* (Traver), 1933 - 654  
*Heptagenia femorata* (Say), 1823 - 655  
*Heptagenia flaveola* (Pictet), 1843 - 656  
*Heptagenia flavescens* (Walsh), 1862 - 579  
*Heptagenia flavianula* McDunnough, 1924 - 628  
*Heptagenia floridensis* (Lewis), 1974 - 647  
*Heptagenia frontalis* Banks, 1910 - 649  
*Heptagenia fusca* Clemens, 1913 - 672  
*Heptagenia fusca* (Walker), 1853 - 634  
*Heptagenia gildersleevei* (Traver), 1935 - 648  
*Heptagenia hebe* McDunnough, 1924 - 594  
*Heptagenia horrida* McDunnough, 1926 - 609  
*Heptagenia impersonata* McDunnough, 1925 - 633  
*Heptagenia inconspicua* McDunnough, 1924 - 610  
*Heptagenia integer* McDunnough, 1924 - 663  
*Heptagenia interpunctata* (Say), 1839 - 649  
*Heptagenia ithaca* Clemens & Leonard, 1924 - 657  
*Heptagenia jewetti* Allen, 1966 - 595

- Heptagenia julia* Traver, 1933 - 580  
*Heptagenia juno* McDunnough, 1924 - 596  
*Heptagenia kennedyi* McDunnough, 1924 - 611  
*Heptagenia lucidipennis* (Clemens), 1913 - 162  
*Heptagenia lutea* Clemens, 1913 - 659  
*Heptagenia maculipennis* Walsh, 1863 - 597  
*Heptagenia manifesta* (Eaton), 1885 - 581  
*Heptagenia marginalis* Banks, 1910 - 582  
*Heptagenia mediopunctata* (McDunnough), 1926 - 661  
*Heptagenia mediopunctata arwini* (Bednarik & McCafferty), 1979 - 660  
*Heptagenia mediopunctata mediopunctata* (McDunnough), 1926 - 661  
*Heptagenia meririvulana* (Carle & Lewis), 1978 - 662  
*Heptagenia mexicana* Ulmer, 1920 - 664  
*Heptagenia mexicana integer* (McDunnough), 1924 - 663  
*Heptagenia mexicana mexicana* Ulmer, 1920 - 664  
*Heptagenia minerva* McDunnough, 1924 - 598  
*Heptagenia minnetonka* (Daggy), 1945 - 650  
*Heptagenia modesta* (Banks), 1910 - 665  
*Heptagenia otiosa* McDunnough, 1935 - 164  
*Heptagenia pallida* (Traver), 1933 - 651  
*Heptagenia patoka* Burks, 1946 - 583  
*Heptagenia perfida* McDunnough, 1926 - 614  
*Heptagenia persimplex* McDunnough, 1929 - 604  
*Heptagenia petersi* Allen, 1966 - 599  
*Heptagenia pleuralis* Banks, 1910 - 568  
*Heptagenia placita* Banks, 1910 - 670  
*Heptagenia pudica* (Hagen), 1861 - 666  
*Heptagenia pulchella* (Walsh), 1862 - 667  
*Heptagenia pulla* (Clemens), 1913 - 584  
*Heptagenia quebecensis* (Provancher), 1876 - 207  
*Heptagenia querula* McDunnough, 1924 - 578  
*Heptagenia reversalis* McDunnough, 1924 - 621  
*Heptagenia rodocki* Traver, 1935 - 615  
*Heptagenia rosea* Traver, 1935 - 616  
*Heptagenia rubromaculata* Clemens, 1913 - 665  
*Heptagenia rubroventris* Traver, 1935 - 616  
*Heptagenia rusticalis* McDunnough, 1931 - 617  
*Heptagenia salvini* Kimmins, 1934 - 618  
*Heptagenia simplex* Walsh, 1863 - 539  
*Heptagenia simplicioides* McDunnough, 1924 - 619  
*Heptagenia sinclairi* (Lewis), 1979 - 698  
*Heptagenia smithae* (Traver), 1937 - 669  
*Heptagenia solitaria* McDunnough, 1924 - 585  
*Heptagenia spinosa* Traver, 1933 - 620  
*Heptagenia subaequalis* Banks, 1914 - 550  
*Heptagenia terminata* (Walsh), 1862 - 671  
*Heptagenia terminata placita* Banks, 1910 - 670  
*Heptagenia terminata terminata* (Walsh), 1862 - 671  
*Heptagenia thetis* Traver, 1935 - 600  
*Heptagenia townesi* Traver, 1935 - 586

*Heptagenia tripunctata* Banks, 1910 - 655  
*Heptagenia umbratica* McDunnough, 1931 - 601  
*Heptagenia umbricata* McDunnough, 1931 - 601  
*Heptagenia vicaria* (Walker), 1853 - 672  
*Heptagenia vitrea* (Walker), 1853 - 573  
*Heptagenia walshi* McDunnough, 1926 - 602

*Heterocloeon bernerii* (Müller-Liebenau), 1974 - 431  
*Heterocloeon curiosum* (McDunnough), 1923 - 432  
*Heterocloeon frivolum* (McDunnough), 1925 - 433  
*Heterocloeon petersi* (Müller-Liebenau), 1974 - 434

*Hexagenia affiliata* McDunnough, 1927 - 104  
*Hexagenia albivitta* (Walker), 1853 - 101  
*Hexagenia albivittata* (Walker), 1853 - 101  
*Hexagenia atrocaudata* McDunnough, 1924 - 102  
*Hexagenia benedicta* Navás, 1922 - 101  
*Hexagenia bilineata* (Say), 1824 - 103  
*Hexagenia californica* Upholt, 1937 - 104  
*Hexagenia carolina* Traver, 1931 - 104  
*Hexagenia decolorata* (Hagen), 1861 - 087  
*Hexagenia dominano* Navás, 1936 - 101  
*Hexagenia elegans* Traver, 1931 - 104  
*Hexagenia form falcata* Needham, 1920 - 107  
*Hexagenia kanuga* Traver, 1937 - 104  
*Hexagenia limbata* (Serville), 1829 - 104  
*Hexagenia marilandica* Traver, 1931 - 104  
*Hexagenia mexicana* Eaton, 1885 - 105  
*Hexagenia mingo* Traver, 1931 - 104  
*Hexagenia munda* Eaton, 1883 - 104  
*Hexagenia occulta* (Walker), 1853 - 104  
*Hexagenia orlando* Traver, 1931 - 106  
*Hexagenia pallens* Traver, 1935 - 104  
*Hexagenia recurvata* Morgan, 1913 - 108  
*Hexagenia rigida* McDunnough, 1924 - 107  
*Hexagenia rosacea* Traver, 1931 - 104  
*Hexagenia variabilis* Eaton, 1883 - 104  
*Hexagenia venusta* Eaton, 1883 - 104  
*Hexagenia viridescens* (Walker), 1853 - 104  
*Hexagenia weewa* Traver, 1931 - 104

*Homoeoneuria alleni* Pescador & Peters, 1980 - 527  
*Homoeoneuria ammophila* (Spieth), 1938 - 528  
*Homoeoneuria cahabensis* Pescador & Peters, 1980 - 529  
*Homoeoneuria dolani* Edmunds, Berner & Traver, 1958 - 530  
*Homoeoneuria salviniae* Eaton, 1883 - 531

*Hydrosmilodon primanus* (Eaton), 1892 - 014

*Iron albertae* McDunnough, 1924 - 554  
*Iron californicus* Banks, 1910 - 588  
*Iron confusus* Traver, 1935 - 568  
*Iron deceptivus* (McDunnough), 1924 - 555  
*Iron dispar* Traver, 1933 - 556  
*Iron dulciana* McDunnough, 1935 - 557  
*Iron fragilis* Morgan, 1911 - 558  
*Iron fraudator* Traver, 1935 - 568  
*Iron frisoni* Burks, 1946 - 559  
*Iron grandis* McDunnough, 1924 - 560  
*Iron hesperus* (Banks), 1924 - 561  
*Iron humeralis* (Morgan), 1911 - 573  
*Iron lagunitas* Traver, 1935 - 562  
*Iron longimanus* Eaton, 1885 - 563  
*Iron margarita* (Edmunds & Allen), 1964 - 564  
*Iron metlacensis* (Traver), 1964 - 565  
*Iron modestus* (Banks), 1910 - 665  
*Iron namatus* Burks, 1946 - 566  
*Iron nitidus* Eaton, 1885 - 592  
*Iron pleuralis* (Banks), 1910 - 568  
*Iron proprius* Traver, 1935 - 563  
*Iron punctatus* McDunnough, 1925 - 569  
*Iron rubidus* Traver, 1933 - 570  
*Iron sancta-gabriel* Traver, 1935 - 561  
*Iron subpallidus* Traver, 1937 - 571  
*Iron suffusus* McDunnough, 1925 - 572  
*Iron tenuis* Traver, 1935 - 558  
*Iron tollandi* Dodds, 1923 - 548  
*Iron vitreus* (Walker), 1853 - 573  
*Iron youngi* Traver, 1935 - 554

*Ironodes arctus* Traver, 1935 - 587  
*Ironodes californicus* (Banks), 1910 - 588  
*Ironodes flavipennis* Traver, 1935 - 589  
*Ironodes geminatus* (Eaton), 1885 - 590  
*Ironodes lepidus* Traver, 1935 - 591  
*Ironodes nitidus* (Eaton), 1885 - 592

*Ironopsis grandis* (McDunnough), 1924 - 560  
*Ironopsis permagnus* Traver, 1935 - 567

*Isonychia albomanicata* (Needham), 1905 - 512  
*Isonychia arida* (Say), 1839 - 510  
*Isonychia bernerii* Kondratieff & Voshell, 1984 - 511  
*Isonychia bicolor* (Walker), 1853 - 512  
*Isonychia campestris* McDunnough, 1931 - 513  
*Isonychia christina* Traver, 1934 - 512  
*Isonychia circe* Traver, 1934 - 512  
*Isonychia diversa* Traver, 1934 - 514



- Isonychia edmundsi* Kondratieff & Voshell, 1984 - 523  
*Isonychia fattigi* Traver, 1934 - 512  
*Isonychia georgiae* McDunnough, 1931 - 515  
*Isonychia harperi*, Traver, 1934 - 512  
*Isonychia hoffmani* Kondratieff & Voshell, 1984 - 516  
*Isonychia intermedia* (Eaton), 1885 - 517  
*Isonychia manca* Eaton, 1871 - 523  
*Isonychia matilda* Traver, 1934 - 512  
*Isonychia notata* Traver, 1932 - 518  
*Isonychia obscura* Traver, 1932 - 519  
*Isonychia pacoleta* Traver, 1932 - 512  
*Isonychia pictipes* Traver, 1934 - 510  
*Isonychia rufa* McDunnough, 1931 - 520  
*Isonychia sadleri* Traver, 1934 - 512  
*Isonychia sayi* Burks, 1953 - 521  
*Isonychia serrata* Traver, 1932 - 522  
*Isonychia sicca* (Walsh), 1862 - 523  
*Isonychia sicca campestris* McDunnough, 1931 - 513  
*Isonychia sicca manca* Eaton, 1871 - 523  
*Isonychia sicca sicca* (Walsh), 1862 - 523  
*Isonychia similis* Traver, 1932 - 524  
*Isonychia tusculanensis* Berner, 1948 - 525  
*Isonychia velma* Needham, 1932 - 526
- Labiobaetis apache* McCafferty & Waltz, 1995 - 435  
*Labiobaetis dardanus* (McDunnough), 1923 - 436  
*Labiobaetis ephippiatus* (Traver), 1935 - 437  
*Labiobaetis frondalis* (McDunnough), 1925 - 438  
*Labiobaetis longipalpus* (Moriyama & McCafferty), 1979 - 439  
*Labiobaetis propinquus* (Walsh), 1863 - 440
- Lachlania dencyanna* Koss, 1970 - 532  
*Lachlania iops* Allen & Chao, 1977 - 533  
*Lachlania powelli* Edmunds, 1951 - 534  
*Lachlania saskatchewanensis* Ide, 1941 - 534
- Leptohyphes alleni* Brusca, 1971 - 251  
*Leptohyphes apache* Allen, 1967 - 252  
*Leptohyphes bernerii* Traver, 1958 - 253  
*Leptohyphes brunneus* Allen & Brusca, 1973 - 254  
*Leptohyphes canstaneus* Allen, 1967 - 255  
*Leptohyphes consortis* Allen & Brusca, 1973 - 268  
*Leptohyphes dicinctus* Allen & Brusca, 1973 - 256  
*Leptohyphes dolani* Allen, 1967 - 257  
*Leptohyphes ferrugineus* Allen & Brusca, 1973 - 258  
*Leptohyphes ferruginus* Allen & Brusca, 1973 - 259  
*Leptohyphes hispidus* Allen & Brusca, 1973 - 259  
*Leptohyphes lestes* Allen & Brusca, 1973 - 260  
*Leptohyphes lumas* Allen & Brusca, 1973 - 259

- Leptohyphes michaeli* Allen, 1978 - 259  
*Leptohyphes mirus* Allen, 1967 - 262  
*Leptohyphes nigripunctum* Traver, 1943 - 263  
*Leptohyphes nigripunctus* Traver, 1943 - 263  
*Leptohyphes packeri* Allen, 1967 - 264  
*Leptohyphes paraguttatus* Allen, 1978 - 265  
*Leptohyphes phalarobanchus* Kilgore & Allen, 1973 - 264  
*Leptohyphes pilosus* Allen & Brusca, 1973 - 266  
*Leptohyphes quercus* Kilgore & Allen, 1973 - 267  
*Leptohyphes robacki* Allen, 1967 - 268  
*Leptohyphes sabinas* Traver, 1958 - 269  
*Leptohyphes spiculatus* Allen & Brusca, 1973 - 270  
*Leptohyphes succinus* Allen, 1978 - 271  
*Leptohyphes tarsos* Allen & Murvosh, 1987 - 272  
*Leptohyphes vescus* Allen, 1978 - 273  
*Leptohyphes zalope* Traver, 1958 - 274
- Leptophlebia adoptiva* McDunnough, 1929 - 029  
*Leptophlebia assimilis* Banks, 1914 - 032  
*Leptophlebia associata* McDunnough, 1924 - 033  
*Leptophlebia austrina* (Traver), 1932 - 015  
*Leptophlebia basalis* Banks, 1900 - 002  
*Leptophlebia bicornuta* McDunnough, 1924 - 034  
*Leptophlebia bradleyi* (Needham), 1932 - 016  
*Leptophlebia brunneipennis* McDunnough, 1924 - 035  
*Leptophlebia clara* McDunnough, 1933 - 039  
*Leptophlebia collina* (Traver), 1932 - 017  
*Leptophlebia cupida* (Say), 1823 - 018  
*Leptophlebia debilis* (Walker), 1853 - 040  
*Leptophlebia gracilis* (Traver), 1932 - 022  
*Leptophlebia grandis* (Traver), 1932 - 019  
*Leptophlebia gravastella* (Eaton), 1884 - 020  
*Leptophlebia gregalis* Eaton, 1884 - 043  
*Leptophlebia guttata* McDunnough, 1924 - 044  
*Leptophlebia heteronea* McDunnough, 1924 - 046  
*Leptophlebia intermedia* (Traver), 1932 - 021  
*Leptophlebia invalida* McDunnough, 1926 - 043  
*Leptophlebia johnsoni* McDunnough, 1924 - 022  
*Leptophlebia memorialis* Eaton, 1884 - 049  
*Leptophlebia moerens* McDunnough, 1924 - 050  
*Leptophlebia mollis* Eaton, 1871 - 051  
*Leptophlebia mollis* (Hagen), 1861 - 040  
*Leptophlebia nebulosa* (Walker), 1853 - 023  
*Leptophlebia ontario* McDunnough, 1926 - 052  
*Leptophlebia pacifica* (McDunnough), 1933 - 024  
*Leptophlebia packi* Needham, 1927 - 053  
*Leptophlebia pallipes* Hagen, 1875 - 049  
*Leptophlebia praepedita* Eaton, 1884 - 055  
*Leptophlebia rufivenosa* Eaton, 1884 - 057

*Leptophlebia separata* Ulmer, 1920 - 040  
*Leptophlebia strigula* McDunnough, 1932 - 060  
*Leptophlebia swannanoa* Traver, 1932 - 061  
*Leptophlebia temporalis* McDunnough, 1926 - 062  
*Leptophlebia vaciva* Eaton, 1884 - 063  
*Leptophlebia vibex* (Traver), 1934 - 024  
*Leptophlebia volitans* McDunnough, 1924 - 064

*Leucrocuta aphrodite* (McDunnough), 1926 - 593  
*Leucrocuta hebe* (McDunnough), 1924 - 594  
*Leucrocuta jewetti* (Allen), 1966 - 595  
*Leucrocuta juno* (McDunnough), 1924 - 596  
*Leucrocuta maculipennis* (Walsh), 1863 - 597  
*Leucrocuta minerva* (McDunnough), 1924 - 598  
*Leucrocuta petersi* (Allen), 1966 - 599  
*Leucrocuta thetis* (Traver), 1935 - 600  
*Leucrocuta umbratica* (McDunnough), 1931 - 601  
*Leucrocuta walshi* (McDunnough), 1926 - 602

*Litobranchna recurvata* (Morgan), 1913 - 108

*Macdunnoa brunnea* Flowers, 1982 - 603  
*Macdunnoa nipawinia* Lehmkuhl, 1979 - 604  
*Macdunnoa persimplex* (McDunnough), 1929 - 605

*Metretopus alter* Bengtsson, 1930 - 475  
*Metretopus borealis* (Eaton), 1871 - 476  
*Metretopus norvegicus* Eaton, 1901 - 476

*Metreturus pecatonica* Burks, 1953 - 295

*Moribaetis macaferti* Waltz, 1985 - 441

*Neochoroterpes crocatus* (Allen), 1974 - 027  
*Neochoroterpes kossi* (Allen), 1974 - 025  
*Neochoroterpes oklahoma* (Traver), 1934 - 026  
*Neochoroterpes nanita* (Traver), 1934 - 027  
*Neochoroterpes orientalis* Henry, 1993 - 028

*Neocloeon alamance* Traver, 1932 - 416

*Neophemera bicolor* McDunnough, 1925 - 123  
*Neophemera compressa* Berner, 1956 - 124  
*Neophemera purpurea* (Traver), 1931 - 125  
*Neophemera youngi* Berner, 1953 - 126

*Nixe bella* (Allen & Cohen), 1977 - 606  
*Nixe criddlei* (McDunnough), 1927 - 607  
*Nixe flowersi* McCafferty, 1982 - 608  
*Nixe horrida* (McDunnough), 1926 - 609

*Nixe inconspicua* (McDunnough), 1924 - 610  
*Nixe kennedyi* (McDunnough), 1924 - 611  
*Nixe lucidipennis* (Clemens), 1913 - 612  
*Nixe otiosa* (McDunnough), 1935 - 613  
*Nixe perfida* (McDunnough), 1926 - 614  
*Nixe rodocki* (Traver), 1935 - 615  
*Nixe rosea* (Traver), 1935 - 616  
*Nixe rusticalis* (McDunnough), 1931 - 617  
*Nixe salvini* (Kimmins), 1934 - 618  
*Nixe simplicoides* (McDunnough), 1924 - 619  
*Nixe spinosa* (Traver), 1933 - 620

*Oligoneuria ammophila* Speith, 1938 - 528

*Oreianthus purpureus* Traver, 1931 - 125

*Palingenia alba* (Say), 1824 - 088  
*Palingenia bicolor* Walker, 1853 - 512  
*Palingenia bilineata* (Say), 1824 - 103  
*Palingenia concinna* Walker, 1853 - 018  
*Palingenia continua* Eaton, 1860 - 101  
*Palingenia decolorata* Hagen, 1861 - 087  
*Palingenia flavescens* Walsh, 1862 - 579  
*Palingenia hecuba* Hagen, 1861 - 090  
*Palingenia interpunctata* (Say), 1839 - 649  
*Palingenia limbata* (Serville), 1829 - 104  
*Palingenia natata* Walker, 1853 - 097  
*Palingenia nebulosa* Walker, 1853 - 023  
*Palingenia occulta* Walker, 1853 - 104  
*Palingenia pallipes* Walker, 1853 - 018  
*Palingenia puella* Pictet, 1843 - 093  
*Palingenia pulchella* Walsh, 1862 - 667  
*Palingenia terminata* Walsh, 1862 - 671  
*Palingenia viridescens* Walker, 1853 - 104  
*Palingenia vitrea* Walker, 1853 - 573  
*Palingenia vittigera* Walsh, 1862 - 110

*Paracloeodes abditus* Day, 1955 - 442

*Paracloeodes minutus* (Daggy), 1945 - 442

*Paraleptophlebia adoptiva* (McDunnough), 1929 - 029  
*Paraleptophlebia altana* Kilgore & Allen, 1973 - 030  
*Paraleptophlebia aquilina* Harper & Harper, 1986 - 031  
*Paraleptophlebia assimilis* (Banks), 1914 - 032  
*Paraleptophlebia associata* (McDunnough), 1924 - 033  
*Paraleptophlebia bicornuta* (McDunnough), 1926 - 034  
*Paraleptophlebia bradleyi* Needham, 1932 - 016  
*Paraleptophlebia brunneipennis* (McDunnough), 1924 - 035  
*Paraleptophlebia cachea* Day, 1954 - 036

- Paraleptophlebia calcarita* Robotham & Allen, 1988 - 037  
*Paraleptophlebia californica* Traver, 1934 - 038  
*Paraleptophlebia clara* (McDunnough), 1933 - 039  
*Paraleptophlebia debilis* (Walker), 1853 - 040  
*Paraleptophlebia falcula* Traver, 1934 - 041  
*Paraleptophlebia georgiana* Traver, 1934 - 042  
*Paraleptophlebia gregalis* (Eaton), 1884 - 043  
*Paraleptophlebia guttata* (McDunnough), 1924 - 044  
*Paraleptophlebia helena* Day, 1952 - 045  
*Paraleptophlebia heteronea* (McDunnough), 1924 - 046  
*Paraleptophlebia invalida* (McDunnough), 1926 - 043  
*Paraleptophlebia jaenae* Berner, 1955 - 047  
*Paraleptophlebia kirchneri* Kondratieff & Durfee, 1994 - 048  
*Paraleptophlebia memorialis* (Eaton), 1884 - 049  
*Paraleptophlebia moerens* (McDunnough), 1924 - 050  
*Paraleptophlebia mollis* (Eaton), 1871 - 051  
*Paraleptophlebia ontario* (McDunnough), 1926 - 052  
*Paraleptophlebia packi* (Needham), 1927 - 053  
*Paraleptophlebia placeri* Mayo, 1939 - 054  
*Paraleptophlebia praepedita* (Eaton), 1884 - 055  
*Paraleptophlebia quisquilia* Day, 1952 - 056  
*Paraleptophlebia rufivenosa* (Eaton), 1884 - 057  
*Paraleptophlebia sculleni* Traver, 1934 - 058  
*Paraleptophlebia sticta* Burks, 1953 - 059  
*Paraleptophlebia strigula* (McDunnough), 1932 - 060  
*Paraleptophlebia swannanoa* (Traver), 1932 - 061  
*Paraleptophlebia temporalis* (McDunnough), 1926 - 062  
*Paraleptophlebia vaciva* (Eaton), 1884 - 063  
*Paraleptophlebia volitans* (McDunnough), 1924 - 064  
*Paraleptophlebia zayante* Day, 1952 - 065
- Parameletus chelifera* Bengtsson, 1908 - 485  
*Parameletus columbiae* McDunnough, 1938 - 486  
*Parameletus croesus* (McDunnough), 1923 - 487  
*Parameletus midas* (McDunnough), 1923 - 488
- Pentagenia quadripunctata* Walsh, 1863 - 110  
*Pentagenia robusta* McDunnough, 1926 - 109  
*Pentagenia vittigera* (Walsh), 1862 - 110
- Polymitarcys albus* (Say), 1824 - 088
- Potamanthus betteni* Morgan, 1913 - 085  
*Potamanthus concinnus* (Walker), 1853 - 018  
*Potamanthus cupidus* (Say), 1823 - 018  
*Potamanthus diaphanus* Needham, 1907 - 085  
*Potamanthus distinctus* Traver, 1935 - 081  
*Potamanthus flaveola* (Walsh), 1862 - 085  
*Potamanthus inequalis* Needham, 1909 - 082

- Potamanthus medius Banks, 1908 - 082  
Potamanthus myops (Walsh), 1863 - 082  
Potamanthus nebulosus (Walker), 1853 - 023  
Potamanthus neglectus Traver, 1935 - 084  
Potamanthus odonatus Walsh, 1862 - 023  
Potamanthus rufous Argo, 1927 - 082  
Potamanthus verticis (Say), 1839 - 085  
Potamanthus walkeri Ide, 1935 - 085
- Procloeon album* (McDunnough), 1926 - 443  
*Procloeon asperatum* (Traver), 1935 - 444  
*Procloeon bellum* (McDunnough), 1924 - 445  
*Procloeon caliginosum* (McDunnough), 1925 - 446  
*Procloeon conturbatum* (McDunnough), 1929 - 447  
*Procloeon convexum* (Ide), 1930 - 448  
*Procloeon elsa* (Traver), 1935 - 449  
*Procloeon fragile* (McDunnough), 1923 - 450  
*Procloeon hobbsi* (Berner), 1946 - 451  
*Procloeon implicatum* (McDunnough), 1924 - 452  
*Procloeon inanum* (McDunnough), 1924 - 453  
*Procloeon ingens* (McDunnough), 1923 - 454  
*Procloeon insignificans* (McDunnough), 1925 - 455  
*Procloeon intermediale* (McDunnough), 1931 - 456  
*Procloeon irrubrum* Lowen & Flannagan, 1992 - 457  
*Procloeon mendax* (Walsh), 1862 - 458  
*Procloeon minor* (McDunnough), 1926 - 459  
*Procloeon oreophilum* (Edmunds), 1954 - 460  
*Procloeon ozburni* (McDunnough), 1924 - 461  
*Procloeon pennulatum* (Eaton), 1870 - 462  
*Procloeon quaesitum* (McDunnough), 1931 - 463  
*Procloeon rivulare* (Traver), 1935 - 464  
*Procloeon rubropictum* (McDunnough), 1923 - 465  
*Procloeon rufostriatum* (McDunnough), 1924 - 466  
*Procloeon simile* (McDunnough), 1924 - 467  
*Procloeon simplex* (McDunnough), 1925 - 468  
*Procloeon texanum* McCafferty & Provonsha, 1993 - 469  
*Procloeon venosum* (Traver), 1935 - 470  
*Procloeon vicinum* (Hagen), 1861 - 471  
*Procloeon viridocularis* (Berner), 1940 - 472  
*Procloeon walshi* (McDunnough), 1929 - 473
- Pseudiron centralis* McDunnough, 1931 - 535  
*Pseudiron meridionalis* Traver, 1935 - 535
- Pseudocentroptiloides usa* Waltz & McCafferty, 1989 - 474
- Pseudocentroptilum pennulatum* (Eaton), 1870 - 462
- Pseudocloeon alachua* Berner, 1940 - 344

*Pseudocloeon anoka* Daggy, 1945 - 371  
*Pseudocloeon bimaculatum* Berner, 1946 - 348  
*Pseudocloeon bimaculatus* Berner, 1946 - 348  
*Pseudocloeon carolina* (Banks), 1924 - 1946  
*Pseudocloeon cestum* Provonsha & McCafferty, 1982 - 395  
*Pseudocloeon chlorops* (McDunnough), 1923 - 355  
*Pseudocloeon cingulatum* McDunnough, 1931 - 352  
*Pseudocloeon dubium* (Walsh), 1862 - 355  
*Pseudocloeon edmundsi* Jensen, 1969 - 371  
*Pseudocloeon ellioti* Daggy, 1945 - 356  
*Pseudocloeon etowah* Traver, 1935 - 341  
*Pseudocloeon futile* McDunnough, 1931 - 359  
*Pseudocloeon ida* Daggy, 1945 - 356  
*Pseudocloeon minutum* Daggy, 1945 - 442  
*Pseudocloeon myrsum* Burks, 1953 - 371  
*Pseudocloeon parvulum* McDunnough, 1932 - 346  
*Pseudocloeon punctiventris* McDunnough, 1923 - 371  
*Pseudocloeon rubrolaterale* McDunnough, 1931 - 372  
*Pseudocloeon turbidum* McDunnough, 1924 - 335  
*Pseudocloeon veteris* McDunnough, 1924 - 377  
*Pseudocloeon virile* McDunnough, 1923 - 378

*Raptoheptagenia cruentata* (Walsh), 1863 - 621

*Rheobaetis bernerii* Müller-Liebenau, 1974 - 431  
*Rheobaetis petersi* Müller-Liebenau, 1974 - 434  
*Rheobaetis traverae* Müller-Liebenau, 1974 - 432

*Rhithrogena amica* Traver, 1935 - 622  
*Rhithrogena anomala* McDunnough, 1928 - 623  
*Rhithrogena borealis* (Eaton), 1871 - 476  
*Rhithrogena brunnea* (Hagen), 1875 - 632  
*Rhithrogena brunneotincta* McDunnough, 1933 - 624  
*Rhithrogena confusa* (McDunnough), 1924 - 543  
*Rhithrogena decora* Day, 1954 - 625  
*Rhithrogena doddsi* McDunnough, 1926 - 632  
*Rhithrogena elegantula* Eaton, 1885 - 578  
*Rhithrogena exilis* Traver, 1933 - 626  
*Rhithrogena fasciata* Traver, 1933 - 627  
*Rhithrogena flavianula* (McDunnough), 1924 - 628  
*Rhithrogena fuscifrons* Traver, 1933 - 629  
*Rhithrogena futilis* McDunnough, 1934 - 630  
*Rhithrogena gartrelli* (McDunnough), 1934 - 544  
*Rhithrogena gaspeensis* McDunnough, 1933 - 631  
*Rhithrogena hageni* Eaton, 1885 - 632  
*Rhithrogena hesperus* Banks, 1924 - 561  
*Rhithrogena impersonata* (McDunnough), 1925 - 633  
*Rhithrogena jejuna* Eaton, 1885 - 634  
*Rhithrogena kooteni* (McDunnough), 1943 - 545

*Rhithrogena manifesta* Eaton, 1885 - 581  
*Rhithrogena mimus* (Eaton), 1885 - 546  
*Rhithrogena morrisoni* (Banks), 1924 - 635  
*Rhithrogena notialis* Allen & Chao, 1977 - 636  
*Rhithrogena par* (Eaton), 1885 - 547  
*Rhithrogena pellucida* Daggy, 1945 - 637  
*Rhithrogena petulans* Seemann, 1927 - 636  
*Rhithrogena plana* Allen & Chao, 1978 - 638  
*Rhithrogena ramaleyi* (Dodds), 1923 - 548  
*Rhithrogena reticulata* (McDunnough), 1934 - 549  
*Rhithrogena robusta* Dodds, 1923 - 639  
*Rhithrogena rubicunda* Traver, 1937 - 640  
*Rhithrogena sanguinea* Ide, 1954 - 633  
*Rhithrogena subaequalis* (Banks), 1914 - 550  
*Rhithrogena tarda* (McDunnough), 1929 - 551  
*Rhithrogena tioga* (Mayo), 1952 - 552  
*Rhithrogena uhari* Traver, 1933 - 641  
*Rhithrogena undulata* (Banks), 1924 - 642  
*Rhithrogena uniformis* (McDunnough), 1934 - 553  
*Rhithrogena virilis* McDunnough, 1934 - 643  
*Rhithrogena vitrea* (Walker), 1853 - 573  
*Rhithrogena vitta* Allen & Chao, 1978 - 644

*Serratella carolina* (Berner & Allen), 1961 - 232  
*Serratella deficiens* (Morgan), 1911 - 233  
*Serratella frisoni* (McDunnough), 1927 - 234  
*Serratella levis* (Day), 1954 - 235  
*Serratella micheneri* (Traver), 1934 - 236  
*Serratella molita* (McDunnough), 1930 - 237  
*Serratella sequoia* (Allen & Collins), 1968 - 238  
*Serratella serrata* (Morgan), 1911 - 239  
*Serratella serratoides* (McDunnough), 1931 - 240  
*Serratella sordida* (McDunnough), 1925 - 241  
*Serratella spiculosa* (Berner & Allen), 1961 - 242  
*Serratella teresa* (Traver), 1934 - 243  
*Serratella tibialis* (McDunnough), 1924 - 244  
*Serratella velmae* (Allen & Edmunds), 1963 - 245

*Siphonisca aerodromia* Needham, 1908 - 489

*Siphonuroides croesus* McDunnough, 1923 - 487  
*Siphonuroides midas* McDunnough, 1923 - 488

*Siphonurus alternatus* (Say), 1824 - 490  
*Siphonurus autumnalis* McDunnough, 1931 - 491  
*Siphonurus barbaroides* McDunnough, 1929 - 492  
*Siphonurus barbarus* McDunnough, 1924 - 493  
*Siphonurus berenice* McDunnough, 1923 - 509  
*Siphonurus columbianus* McDunnough, 1925 - 494



*Siphonurus decorus* Traver, 1932 - 495  
*Siphonurus demaryi* Kondratieff & Voshell, 1981 - 496  
*Siphonurus inflatus* McDunnough, 1931 - 503  
*Siphonurus luridipennis* (Burmeister), 1839 - 497  
*Siphonurus marginatus* Traver, 1932 - 498  
*Siphonurus maria* Mayo, 1939 - 508  
*Siphonurus marshalli* Traver, 1934 - 499  
*Siphonurus minnoi* Provonsha & McCafferty, 1982 - 500  
*Siphonurus mirus* (Eaton), 1885 - 501  
*Siphonurus novangliae* McDunnough, 1924 - 509  
*Siphonurus noveboracana* (Lichtenstein), 1796 - 502  
*Siphonurus occidentalis* (Eaton), 1885 - 503  
*Siphonurus phyllis* McDunnough, 1923 - 504  
*Siphonurus quebecensis* (Provancher), 1878 - 505  
*Siphonurus rapidus* McDunnough, 1924 - 506  
*Siphonurus securifer* McDunnough, 1926 - 507  
*Siphonurus spectabilis* Traver, 1934 - 508  
*Siphonurus triangularis* Clemens, 1915 - 505  
*Siphonurus typicus* Eaton, 1885 - 509

*Siphloplecton basale* (Walker), 1853 - 477  
*Siphloplecton brunneum* Berner, 1978 - 478  
*Siphloplecton costalense* Spieth, 1938 - 479  
*Siphloplecton flexus* (Clemens), 1913 - 477  
*Siphloplecton fuscum* Berner, 1978 - 480  
*Siphloplecton interlineatum* (Walsh), 1863 - 481  
*Siphloplecton signatum* Traver, 1932 - 477  
*Siphloplecton simile* Berner, 1978 - 482  
*Siphloplecton speciosum* Traver, 1932 - 483

*Siphlorella alternata* (Say), 1824 - 490  
*Siphlorella occidentalis* (Eaton), 1885 - 503

*Siphlorus alternans* (Say), 1824 - 490  
*Siphlorus alternatus* (Say), 1824 - 490  
*Siphlorus bicolor* (Walker), 1853 - 512  
*Siphlorus debilis* (Walsh), 1862 - 581  
*Siphlorus femoratus* (Say), 1823 - 655  
*Siphlorus flexus* Clemens, 1913 - 477  
*Siphlorus mirus* Eaton, 1885 - 501  
*Siphlorus occidentalis* Eaton, 1885 - 503  
*Siphlorus quebecensis* Provancher, 1878 - 505  
*Siphlorus siccus* (Walsh), 1862 - 523  
*Siphlorus typicus* Eaton, 1885 - 509

*Sparrea norvegica* Esben-Petersen, 1909 - 485

*Spinadis wallacei* Edmunds & Jensen, 1974 - 539

- Stenacron areion* (Burks), 1953 - 649  
*Stenacron canadense* (Walker), 1853 - 649  
*Stenacron candidum* (Traver), 1935 - 645  
*Stenacron carolina* (Banks), 1914 - 646  
*Stenacron floridense* (Lewis), 1974 - 647  
*Stenacron frontale* (Banks), 1910 - 649  
*Stenacron gildersleevei* (Traver), 1935 - 648  
*Stenacron heterotarsale* (McDunnough), 1933 - 649  
*Stenacron interpunctatum* (Say), 1839 - 649  
*Stenacron minnetonka* (Daggy), 1945 - 650  
*Stenacron pallidum* (Traver), 1933 - 651
- Stenonema areion* Burks, 1953 - 649  
*Stenonema affine* Traver, 1933 - 649  
*Stenonema alabamiae* Traver, 1937 - 654  
*Stenonema allegheniense* Carle, 1977 - 657  
*Stenonema annexum* Traver, 1933 - 665  
*Stenonema ares* Burks, 1953 - 671  
*Stenonema bednariki* McCafferty, 1981 - 652  
*Stenonema bellum* Traver, 1933 - 663  
*Stenonema bipunctatum* (McDunnough), 1926 - 671  
*Stenonema birdi* Traver, 1935 - 655  
*Stenonema canadense* (Walker), 1853 - 649  
*Stenonema candidum* Traver, 1935 - 645  
*Stenonema carlsoni* Lewis, 1974 - 653  
*Stenonema conjunctum* Traver, 1935 - 649  
*Stenonema exiguum* Traver, 1933 - 654  
*Stenonema femoratum* (Say), 1823 - 655  
*Stenonema flaveolum* (Pictet), 1843 - 656  
*Stenonema floridense* Lewis, 1974 - 647  
*Stenonema fuscum* (Clemens), 1913 - 672  
*Stenonema gildersleevei* Traver, 1935 - 648  
*Stenonema heterotarsale* (McDunnough), 1933 - 649  
*Stenonema integrum* (McDunnough), 1924 - 663  
*Stenonema interpunctatum* (Say), 1839 - 649  
*Stenonema ithaca* (Clemens & Leonard), 1924 - 657  
*Stenonema lenati* McCafferty, 1990 - 658  
*Stenonema leptum* Burks, 1946 - 671  
*Stenonema luteum* (Clemens), 1913 - 659  
*Stenonema majus* Traver, 1935 - 649  
*Stenonema mediopunctatum* (McDunnough), 1926 - 661  
*Stenonema mediopunctatum arwini* Bednarik & McCafferty, 1979 - 660  
*Stenonema mediopunctatum mediopunctatum* (McDunnough), 1926 - 661  
*Stenonema meririvulatum* Carle & Lewis, 1978 - 662  
*Stenonema metriotes* Burks, 1953 - 663  
*Stenonema mexicana* (Ulmer), 1920 - 664  
*Stenonema mexicanum integrum* (McDunnough), 1924 - 663  
*Stenonema mexicanum mexicanum* (Ulmer), 1920 - 664

- Stenonema minnetonka* Daggy, 1945 - 650  
*Stenonema modestum* (Banks), 1910 - 665  
*Stenonema nepotellum* (McDunnough), 1933 - 661  
*Stenonema ohioense* Traver, 1935 - 649  
*Stenonema pallidum* Traver, 1933 - 651  
*Stenonema placitum* (Banks), 1910 - 670  
*Stenonema proximum* Traver, 1935 - 649  
*Stenonema pudicum* (Hagen), 1861 - 666  
*Stenonema pulchellum* (Walsh), 1862 - 667  
*Stenonema quinquespinum* Lewis, 1974 - 654  
*Stenonema rivulicolum* (McDunnough), 1933 - 672  
*Stenonema ruber* (McDunnough), 1926 - 665  
*Stenonema rubromaculatum* (Clemens), 1913 - 665  
*Stenonema rubrum* (McDunnough), 1926 - 665  
*Stenonema scitulum* Traver, 1935 - 655  
*Stenonema sinclairi* Lewis, 1979 - 668  
*Stenonema smithae* Traver, 1937 - 669  
*Stenonema* sp. No. 3 Traver, 1933 - 662  
*Stenonema subaequalis* (Banks), 1924 - 550  
*Stenonema terminatum* (Walsh), 1862 - 671  
*Stenonema terminatum placitum* (Banks), 1910 - 670  
*Stenonema terminatum terminatum* (Walsh), 1862 - 671  
*Stenonema tripunctatum* (Banks), 1910 - 655  
*Stenonema varium* Traver, 1933 - 665  
*Stenonema vicarium* (Walker), 1853 - 672  
*Stenonema wabasha* Daggy, 1945 - 663
- Thraulodes arizonicus* McDunnough, 1942 - 075  
*Thraulodes brunneus* Koss, 1966 - 066  
*Thraulodes ephippiatus* Traver & Edmunds, 1967 - 067  
*Thraulodes gonzalesi* Traver & Edmunds, 1967 - 068  
*Thraulodes hiliaris* (Eaton), 1892 - 069  
*Thraulodes humeralis* Navas, 1935 - 070  
*Thraulodes lunatus* Traver & Edmunds, 1967 - 071  
*Thraulodes mexicanus* (Eaton), 1884 - 072  
*Thraulodes packeri* Traver & Edmunds, 1967 - 073  
*Thraulodes salinus* Kilgore & Allen, 1973 - 068  
*Thraulodes spangleri* Traver & Edmunds, 1967 - 074  
*Thraulodes speciosus* Traver, 1934 - 075  
*Thraulodes zonalis* Traver & Edmunds, 1967 - 076
- Thraululus albertana* McDunnough, 1931 - 077  
*Thraululus hiliaris* Eaton, 1892 - 069  
*Thraululus mexicanus* Eaton, 1884 - 072  
*Thraululus primanus* Eaton, 1892 - 014  
*Thraululus presidianus* Traver, 1934 - 079
- Timpanoga hecuba hecuba* (Eaton), 1884 - 246  
*Timpanoga hecuba pacifica* (Allen & Edmunds), 1959 - 247

- Timpanoga lita* (Burks), 1949 - 248  
*Timpanoga provonshai* (McCafferty), 1977 - 249  
*Timpanoga simplex* (McDunnough), 1925 - 250
- Tortopus circumfluus* Ulmer, 1942 - 091  
*Tortopus incertus* (Traver), 1935 - 093  
*Tortopus primus* (McDunnough), 1924 - 092  
*Tortopus puella* (Pictet), 1843 - 093
- Traverella albertana* (McDunnough), 1931 - 077  
*Traverella castanea* Kilgore & Allen, 1973 - 077  
*Traverella lewisi* Allen, 1973 - 078  
*Traverella presidiana* (Traver), 1934 - 079  
*Traverella primana* (Eaton), 1892 - 014  
*Traverella primanus* (Eaton), 1892 - 014  
*Traverella* sp. A Allen, 1973 - 077
- Tricorythodes albilineatus* Berner, 1946 - 275  
*Tricorythodes allectus* (Needham), 1905 - 276  
*Tricorythodes angulatus* Traver, 1959 - 277  
*Tricorythodes atratus* (McDunnough), 1923 - 278  
*Tricorythodes comus* Traver, 1959 - 279  
*Tricorythodes condylus* Allen, 1967 - 280  
*Tricorythodes corpulentus* Kilgore & Allen, 1973 - 281  
*Tricorythodes curvatus* Allen, 1977 - 282  
*Tricorythodes dimorphus* Allen, 1967 - 283  
*Tricorythodes edmundsi* Allen, 1967 - 284  
*Tricorythodes explicatus* (Eaton), 1892 - 285  
*Tricorythodes fallacina* McDunnough, 1939 - 287  
*Tricorythodes fallax* Traver, 1935 - 287  
*Tricorythodes fictus* Traver, 1935 - 286  
*Tricorythodes minutus* Traver, 1935 - 287  
*Tricorythodes mulaiki* Traver, 1959 - 288  
*Tricorythodes notatus* Allen & Brusca, 1973 - 289  
*Tricorythodes peridius* Burks, 1953 - 290  
*Tricorythodes stygiatus* McDunnough, 1931 - 291  
*Tricorythodes texanus* Traver, 1935 - 292  
*Tricorythodes ulmeri* Allen & Brusca, 1973 - 293
- Tricorythus atratus* McDunnough, 1923 - 278  
*Tricorythus explicatus* Eaton, 1892 - 285

#### ACKNOWLEDGMENTS

I would like to thank ephemeropterists C. R. Lugo-Ortiz, A. V. Provonsha, R. P. Randolph, R. D. Waltz, and T.-Q. Wang for checking the manuscript. This paper has been assigned Purdue ARP Journal No. 14853.

## LITERATURE CITED

- Allen, R. K. 1980. Geographic distribution and reclassification of the subfamily Ephemerellinae (Ephemeroptera: Ephemerellidae), pp. 71-91. In *Advances in Ephemeroptera biology*, ed. J. F. Flannagan & K. E. Marshall. Plenum, New York.
- Bednarik, A. F. & W. P. McCafferty. 1979. Biosystematic revision of the genus *Stenonema* (Ephemeroptera: Heptageniidae). *Canadian Bulletin of Fisheries and Aquatic Sciences* 201: 73pp.
- Burks, B. D. 1953. The mayflies, or Ephemeroptera, of Illinois. *Bulletin of the Illinois Natural History Survey* 26: 1-216.
- Eaton, A. E. 1883-88. A revisional monograph of recent Ephemeridae or mayflies. *Transactions of the Linnaean Society of London, 2nd Series-Zoology* 3: 1-352.
- Edmunds, G. F., Jr. & R. K. Allen. 1957. A checklist of the Ephemeroptera of North America, north of Mexico. *Annals of the Entomological Society of America* 50: 317-324.
- Edmunds, G. F., Jr., S. L. Jensen & L. Berner. 1976. *The mayflies of North and Central America*. University of Minnesota Press, Minneapolis.
- Flowers, R. W. 1978. Occurrence of *Cloeon cognatum* Stephens in the United States (Ephemeroptera, Baetidae). *Entomological News* 89: 79-80.
- Flowers, R. W. 1980. Two new genera of Nearctic Heptageniidae (Ephemeroptera). *Florida Entomologist* 63: 296-307.
- Funk, D. H. & B. W. Sweeney. 1994. The larvae of eastern North American *Eurylophella* Tiensuu (Ephemeroptera: Ephemerellidae). *Transactions of the American Entomological Society* 120: 209-286.
- Kluge, N. 1988. Generic revision of the Heptageniidae (Ephemeroptera) I. Diagnoses of tribes, genera, and subgenera of Heptageniinae.
- Kondratieff, B. C. & J. R. Voshell, Jr. 1984. The North and Central American species of *Isonychia* (Ephemeroptera: Oligoneuriidae). *Transactions of the American Entomological Society* 110: 129-244.
- Koss, R. W. & G. F. Edmunds, Jr. 1970. A new species of *Lachlania* from New Mexico with notes on the genus (Ephemeroptera: Oligoneuriidae). *Proceedings of the Entomological Society of Washington* 72: 55-65.
- Lugo-Ortiz, C. R. & W. P. McCafferty. 1995. Taxonomy of the North and Central American species of *Camelobaetidius* (Ephemeroptera: Baetidae). *Entomological News* 106: 178-192.
- 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.
- McCafferty, W. P. 1994. Distributional and classificatory supplement to the burrowing mayflies (Ephemeroptera: Ephemeroidea) of the United States. *Entomological News* 105: 1-13.
- McCafferty, W. P. & Y. J. Bae. 1992. Taxonomic status of historically confused species of Potamanthidae and Heptageniidae (Ephemeroptera). *Proceedings of the Entomological Society of Washington* 94: 169-171.

- McCafferty, W. P. & R. D. Waltz. 1990. Revisionary synopsis of the Baetidae (Ephemeroptera) of North and Middle America. Transactions of the American Entomological Society 116: 769-799.
- McCafferty, W. P. & T.-Q. Wang. 1994. Relationships of the genera *Acanthametropus*, *Anaetris*, and *Siphuriscus*, and re-evaluation of their higher classification (Ephemeroptera: Pisciforma). The Great Lakes Entomologist 27: 209-215.
- McCafferty, W. P., R. S. Durfee & B. C. Kondratieff. 1993. Colorado mayflies (Ephemeroptera): an annotated inventory. The Southwestern Naturalist 38: 252-274.
- Moriyama, D. K. & W. P. McCafferty. 1979. The *Baetis* larvae of North America (Ephemeroptera: Baetidae). Transactions of the American Entomological Society 105: 139-221.
- Morse, J. C. 1993. A checklist of the Trichoptera of North America, including Greenland and Mexico. Transactions of the American Entomological Society 119: 47-93.
- Pictet, F.-J. 1845. Histoire naturelle générale et particulière des Insectes Néuroptère. Famille des Éphémérines. Geneva.
- Traver, J. R. 1935. Part II systematic. North American mayflies order Ephemeroptera, pp. 237-739. In The biology of mayflies, ed. J. G. Needham, J. R. Traver & Y.-C. Hsu. Comstock, Ithaca, New York.
- Wang, T.-Q. & W. P. McCafferty. 1995. Relationships of the Arthropleiidae, Heptageniidae, and Pseudironidae (Ephemeroptera: Heptagenioidea). Entomological News 106: 251-256.

#### ADDENDUM

After this paper was submitted, it was discovered that S. K. Burian (1995: 433-454 In Current directions in research on Ephemeroptera, Can. Schol. Press) had synonymized *Choroterpes ferruginea* (No. 003 herein), *C. fusca* (No. 004), and *C. hubbelli* (No. 005) with *C. basalis* (No. 002).