

# A SYNONYMIC LIST OF THE NEW WORLD ODONATA

Revised version of 22 December 2019

Rosser Garrison<sup>1</sup> & Natalia von Ellenrieder<sup>2</sup>

Plant Pest Diagnostics Branch, California Department of Food & Agriculture

3294 Meadowview Road, Sacramento, CA 95832-1448, USA

tel. (916) 262-1167, fax (916) 262-1190

<sup>1</sup><[argiavivida@gmail.com](mailto:argiavivida@gmail.com)>

<sup>2</sup><[natalia.ellenrieder@gmail.com](mailto:natalia.ellenrieder@gmail.com)>

## Introduction

A synonymic list of the New World Odonata was published as vol. 3(2) of *Argia* on 15 June 1991 (digital scan available at Odonata Central; <[www.odonatacentral.org/](http://www.odonatacentral.org/)> under "Resources" tabs). Many nomenclatorial changes and synonymies have taken place since that list was published. This revised listing of the synonymic list (hereafter referred to as NWOL) includes additions and changes up through September 2018 and represents a complete listing for all described Odonata of North, Middle, and South America. Generic synonyms and *nomina nuda* are included when their identity is known (often through examination of labeled specimens). We do not recognize subgenera, but mention their names in the Comments section after the list. Species misidentifications are not included.

The following have been important catalog sources for this work:

Kirby, W.F. 1890. A synonymic catalogue of Neuroptera Odonata, or dragonflies. Gurney and Jackson, London, ix + 202 pp.

Bridges, Charles A. 1994. Catalogue of the family-group, genus-group and species group names of the Odonata of the world (third edition). Privately published by the author (now deceased).

Hämäläinen, M. 2016. Calopterygoidea of the world: A synonymic list of extant damselfly species of the superfamily Calopterygoidea (*sensu lato*) (Odonata: Zygoptera). Available at: <http://caloptera.com/catalogue.html>

The first two works and several other important references and monographs on Odonata can be found at the Biodiversity Heritage Library website (<http://www.biodiversitylibrary.org/>).

Keys to families and genera can be found in the following references:

Garrison, R.W., N. von Ellenrieder and J.A. Louton, 2006. The dragonfly genera (Odonata: Anisoptera) of the New World: An illustrated and annotated key. The Johns Hopkins University Press xiv + 368 pp. + 8 pls. (<http://www.press.jhu.edu/about/index.html>)

Garrison, R.W., N. von Ellenrieder and J.A. Louton, 2010. Damselfly genera of the New World. An Illustrated and Annotated Key to the Zygoptera. The Johns Hopkins University Press xiv + 490 pp, + 24 pls. (<http://www.press.jhu.edu/about/index.html>)

Classification of the Odonata has undergone significant changes in recent years as reflected in the following treatments:

- Dijkstra, K-D. B., G. Bechly, S. M. Bybee, R. A. Dow, H. J. Dumont, G. Fleck, R. W. Garrison, M. Hämäläinen, V. J. Kalkman, H. Karube, M. L. May, A. G. Orr, D. R. Paulson, A. C. Rehn, G. Theisinger, J. W. H. Trueman, J. van Tol, N. von Ellenrieder & J. Ware. 2013. The classification and diversity of dragonflies and damselflies (Odonata). *Zootaxa* 3703(1):36-45. (available at: <http://www.mapress.com/zootaxa/taxa/Odonata.html>)
- Dijkstra, K-D. B., V. J. Kalkman, R. A. Dow, F. R. Stoks & J. van Tol. 2013. Redefining the damselfly families: a comprehensive molecular phylogeny of Zygoptera (Odonata). *Systematic Entomology* (2013) DOI:10.1111/syen.12035 (available at: <http://onlinelibrary.wiley.com/doi/10.1111/syen.12035/abstract>)
- Carle, F. L. , K. M. Kjer & M. May. 2015. A molecular phylogeny and classification of Anisoptera (Odonata). *Arthropod Systematics & Phylogeny*. 73(2): 281-301 (available at: [http://www.senckenberg.de/files/content/forschung/publikationen/arthropodsystematics/asp\\_73\\_2/04\\_asp\\_73\\_2\\_carle\\_281-301.pdf](http://www.senckenberg.de/files/content/forschung/publikationen/arthropodsystematics/asp_73_2/04_asp_73_2_carle_281-301.pdf))

We follow the classification suggested in the first paper, and our treatment of the Corduliidae and Synthemistidae largely follows Carle *et al* (2015). We consider the reclassification of Zygoptera based on molecular studies suggested in the second paper still preliminary and do not follow it yet pending confirmation by further studies.

Other recent molecular classifications focusing on more inclusive taxa have suggested changes in current classification. We have followed advice based on correspondence for some groups (e.g. Ware, J. L, E. Pilgrim, M. May, T.W. Donnelly & K. Tennessen. 2017. Phylogenetic relationships of North American Gomphidae and their close relatives. *Systematic Entomology*, 42, 347–358) but have refrained following some others (e.g. Sanchez-Herrera, M., C. Beatty, R. Nunes, E. Realpe, C. Salazar & J. L. Ware. 2017. A molecular systematic analysis of the Neotropical banner winged damselflies (Polythoridae Odonata). *Systematic Entomology*, 43: 56-67) due to incompleteness of taxon sampling. Further notes and reasoning for not following suggested changes are given in the appendix.

In this synonymy we list the families following a phylogenetic sequence, and alphabetically within still unresolved polytomies. Generic synonyms are listed chronologically; species are listed alphabetically under genera, as are synonyms; subgenera are not listed. Taxa treated as synonyms are listed as they were originally cited. Thus the entry for *limbata* Selys, 1853, which was originally described as *Hetaerina tricolor* race *limbata*, is: *syn tricolor* race *limbata* Selys, 1853. A question mark before the name (e.g. *?maxima* McLachlan, 1879) indicates that we consider the name a **probable** synonym, reflecting our own taxonomic views or those shared by colleagues (usually by letter or e-mail), which has not yet published. After the list, we provide annotations for some particular taxa justifying our opinions.

**Disclaimer:** *This synonymic list represents the opinion of the authors, it is not issued for the purpose of zoological nomenclature and it is not published within the meaning of the International Code of Zoological Nomenclature (1999; Article 8.2).*

The abbreviations and letter fonts are defined as follows:

**UPPER CASE BOLDFACED = ORDER, FAMILY**  
**Boldfaced** = Genus

***Boldfaced Italics = species and subspecies***

*Italics = synonyms, homonyms*

[**Taxon**] = genus in which **species** was originally described

(Author, date) = **species** transferred from original **genus**

?*species* = synonymic status uncertain

We have sent earlier versions of the list to the following Odonatologists, who have freely given their advice, opinions, and constructive criticisms: J. Belle (The Netherlands), G. Bick (Florida), C. Cook (Kentucky), J. Daigle (Florida), J. De Marmels (Venezuela), T. Donnelly (New York), S. Dunkle (Texas), M. Hämäläinen (Finland), A. Machado (Brazil), P. Machet (France), K. Tennessen (Wisconsin), S. Tsuda (Japan), and J. van Tol (The Netherlands). However, we have not always followed the opinion of all of our colleagues regarding the establishment of certain genera or author citations, and those errors that remain are ours. We owe much appreciation to the late Mr. Charles Bridges, of the University of Illinois at Urbana-Champaign, who corresponded with R. Garrison over past years regarding the status of many New World Odonata name changes, providing much help during the evolution of this list. To Don Frack of Covina, California, we owe a special debt. He provided us with a DBASE program, TAXON, which made the present list possible.

We have tried to be thorough in establishing correct authorship for each taxon, and we hope that any errors discovered will be addressed to us. Problems have confronted us for correct dates and authorship of various taxa and we have addressed most of these in the **Comments** section that follows the list. We hope that the list will prove helpful to others, especially in solving several vexing problems that remain unsettled.

## A SYNONYMIC LIST OF THE NEW WORLD ODONATA

### ODONATA Fabricius, 1793

Suborder: ZYGOPTERA Selys, 1854

#### LESTIDAE Calvert, 1901

##### **Archilestes** Selys, 1862

syn *Cyptolestes* Williamson, 1921

syn *Superlestes* Williamson, 1921

*californicus* McLachlan, 1895

*chocoanus* Pérez-Gutiérrez, 2012

*exoletus* (Hagen *in* Selys, 1862) [**Lestes**]

*grandis* (Rambur, 1842) [**Lestes**]

*guayaraca* De Marmels, 1982

*latialatus* Donnelly, 1981

*neblina* Garrison, 1982

*regalis* Gloyd, 1944

*tuberalatus* (Williamson, 1921) [**Cyptolestes**]

##### **Lestes** Leach *in* Brewster, 1815

syn *Puella* Brullé, 1832: 104.

syn *Anapates* Charpentier, 1840

syn *Africalestes* Kennedy, 1920

syn *Paralestes* Schmidt, 1951  
 syn *Xerolestes* Fraser, 1951  
 syn *Pseudochalcolestes* Pinhey, 1980  
 syn *Icterolestes* Pinhey, 1980  
 syn *Malgassolestes* Pinhey, 1980

*alacer* Hagen, 1861  
   syn *sublatus* Hagen in Selys, 1862  
*alfonsoi* Gonzáles & Novelo-Gutiérrez, 2001  
*apollinaris* Navás, 1934  
*auritus* Hagen in Selys, 1862  
*australis* Walker, 1952  
*basidens* Belle 1997  
*bipupillatus* Calvert, 1909  
*congener* Hagen, 1861  
*curvatus* Belle, 1997  
*debellardi* De Marmels, 1992  
*dichrostigma* Calvert, 1909  
*disjunctus* Selys, 1862  
*dryas* Kirby, 1890  
   syn *uncatus* Kirby, 1890  
*eurinus* Say, 1840  
*falcifer* Sjöstedt, 1918  
   syn *edentatus* Belle, 1997  
*fernandoi* Costa, Souza, & Muzón, 2006  
*forcipatus* Rambur, 1842  
*forficula* Rambur, 1842  
   syn *striatus* Selys, 1862  
*helix* Ris, 1918  
*henshawi* Calvert, 1907  
*inaequalis* Walsh, 1862  
   syn *virgo* (*nomen nudum*) Calvert, 1897  
*jerrelli* Tennessen, 1997  
*jurzitzai* Muzón, 1994  
*minutus* Selys, 1862  
   syn *mediorufus* Calvert, 1909  
*paulistus* Calvert, 1909  
*pictus* Hagen in Selys, 1862  
*quadristriatus* Calvert, 1909  
*rectangularis* Say, 1840  
*scalaris* Gundlach, 1888  
   syn *scalaris* Calvert, 1909  
*secula* May, 1993  
*sigma* Calvert, 1901  
*simplex* Hagen, 1861  
*spatula* Fraser, 1946  
*spumarius* Hagen in Selys, 1862  
*sternalis* Navás, 1930  
   syn *confusus* Fraser, 1950  
   syn *pallidus* Navás (*nec* Rambur, 1842), 1924  
*stultus* Hagen, 1861  
*tenuatus* Rambur, 1842  
*tikalus* Kormondy, 1959  
*trichonus* Belle, 1997  
*tricolor* Erichson in Schomburgk, 1848

*undulatus* Say, 1840  
syn *viridivittatus* Blanchard, 1851 [**Agrion**]  
syn *vittatus* Hagen in Selys, 1850  
*unguiculatus* Hagen, 1861  
*urubamba* Kennedy, 1942  
*vidua* Hagen, 1861  
*vigilax* Hagen in Selys, 1862

#### **PERILESTIDAE Kennedy, 1920**

##### **Perilestes Hagen in Selys, 1862**

*attenuatus* Selys, 1886  
*bispinus* Kimmins, 1958  
*eustaquioi* Machado, 2015  
*fragilis* Hagen in Selys, 1862  
*gracillimus* Kennedy, 1941  
*kahli* Williamson & Williamson, 1924  
*minor* Williamson & Williamson, 1924  
*solutus* Williamson & Williamson, 1924

##### **Perissolestes Kennedy, 1941**

*aculeatus* Kennedy, 1941  
*castor* (Kennedy, 1937) [**Perilestes**]  
*cornutus* (Selys, 1886) [**Perilestes**]  
syn *pollux* Kennedy, 1937 [**Perilestes**]  
*flinti* De Marmels, 1989  
*guianensis* (Williamson & Williamson, 1924) [**Perilestes**]  
*klugi* Kennedy, 1941  
*magdalenae* (Williamson & Williamson, 1924) [**Perilestes**]  
*paprzyckii* Kennedy, 1941  
*remotus* (Williamson & Williamson, 1924) [**Perilestes**]  
*remus* Kennedy, 1941  
*romulus* Kennedy, 1941

#### **SYNLESTIDAE Tillyard, 1917**

##### **Phylolestes Christiansen, 1947**

*ethelae* Christiansen, 1947

#### **PLATYSTICTIDAE Kennedy, 1920**

##### **Palaemnema Selys, 1860**

*abbreviata* Kennedy, 1938  
*angelina* Selys, 1860  
*apicalis* Navás, 1924  
*azupizui* Calvert, 1931  
*baltodanoi* Brooks, 1989  
*bilobulata* Donnelly, 1992  
*brasiliensis* Machado, 2009  
*brevignoni* Machet, 1990  
*brucei* Calvert, 1931  
*brucei* Kennedy, 1938  
*carmelita* Ris, 1918  
*chiriquita* Calvert, 1931

*clementia* Selys, 1886  
*collaris* Donnelly, 1992  
*croceicauda* Calvert, 1931  
*cyclohamulata* Donnelly, 1992  
*dentata* Donnelly, 1992  
*desiderata* Selys, 1886  
*distadens* Calvert, 1931  
*domina* Calvert, 1903  
*edmondi* Calvert, 1931  
*gigantula* Calvert, 1931  
*joanetta* Kennedy, 1940  
*lorena* Kennedy, 1942  
*martini* Cowley, 1934  
*melanocauda* Kennedy, 1942  
*melanostigma* Hagen *in* Selys, 1860  
*melanota* Ris, 1918  
*melanura* Donnelly, 1992  
*mutans* Calvert, 1931  
*nathalia* Selys, 1886  
*orientalis* De Marmels, 1989  
*paulicaxa* Calvert, 1931  
*paulicoba* Calvert, 1931  
*paulina* (Drury, 1773) [**Libellula**]  
*paulirica* Calvert, 1931  
*paulitaba* Calvert, 1931  
*paulitoyaca* Calvert, 1931  
*peruviana* Ris, 1918  
*picicaudata* Kennedy, 1938  
*reventazoni* Calvert, 1931  
*spinulata* Donnelly, 1992  
*tepuica* De Marmels, 1989

#### COENAGRIONIDAE Kirby, 1890

##### **Acanthagrion** Selys, 1876

*abunae* Leonard, 1977  
*adustum* Williamson, 1916  
*aepiolum* Tennessen, 2004  
*amazonicum* Sjöstedt, 1918  
*apicale* Selys, 1876  
   syn *apicale descendens* Fraser, 1946  
   syn ?*chicomendesi* Machado, 2012  
   syn ?*kaori* Machado, 2012  
   syn ?*triangulare* Machado, 2012  
*ascendens* Calvert, 1909  
   syn *luteum* Rácenis, 1958  
*chacoense* Calvert, 1909  
*chararum* Calvert, 1909  
*cuyabae* Calvert, 1909  
   syn *cuyabae fimense* Calvert, 1909  
   syn ?*leonardi* Jurzitza, 1980  
*dichrostigma* De Marmels, 1985  
*egleri* Santos, 1961  
*flaviae* Machado, 2012  
*floridense* Fraser, 1946

syn *peruvianum* Leonard, 1977  
*fluviatile* (De Marmels, 1984) [**Oxyagrion**]  
*franciscoi* Machado & Bedê, 2016  
*gracile* (Rambur, 1842) [**Agrion**]  
 syn *gracile* var. *cuneatum* Selys, 1876  
 syn *gracile* var. *maculae* Sjöstedt, 1918  
 syn race? *minarum* Selys, 1876  
*hildegarda* Gloger, 1967  
*indefensum* Williamson, 1916  
*inexpectum* Leonard, 1977  
*jessei* Leonard, 1977  
*kennedii* Williamson, 1916  
*lancea* Selys, 1876  
 syn ?*cuyabae freirensis* Calvert, 1909  
*latapistylum* Calvert, 1899  
*longispinosum* Leonard, 1977  
*minutum* Leonard, 1977  
*obsoletum* (Förster, 1914) [**Myagrion**]  
 syn *leonora* Gloger, 1967  
 syn *luna* Ris, 1918  
*hartei* Muzón & Lozano, 2005  
*peruanum* Schmidt, 1942  
 syn *deceptum* Leonard, 1977  
*phallicorne* Leonard, 1977  
*quadratum* Selys, 1876  
*rubrifrons* Leonard, 1977  
*speculum* Garrison, 1985  
*temporale* Selys, 1876  
*tepuense* De Marmels, 1985  
*trilobatum* Leonard, 1977  
*truncatum* Selys, 1876  
*vidua* Selys, 1876  
 syn *risi* Leonard, 1977  
*viridescens* Leonard, 1977  
*williamsoni* Leonard, 1977  
*yungarum* Ris, 1918

#### **Acanthallagma** Williamson & Williamson, 1924

*caeruleum* Williamson & Williamson, 1924  
*luteum* Williamson & Williamson, 1924  
*strohmi* Williamson & Williamson, 1924

#### **Aceratobasis** Kennedy, 1920

*cornicauda* (Calvert, 1909) [**Metaleptobasis**]  
*macilenta* (Rambur, 1842) [**Agrion**]  
*mourei* (Santos, 1970) [**Telagrion**]  
*nathaliae* (Lencioni, 2004) [**Telagrion**]

#### **Aeolagrion** Williamson, 1917

*axine* Dunkle, 1991  
*dorsale* (Burmeister, 1839) [**Agrion**]  
 syn *argenteolineatum* Förster, 1906 [**Hylaeagrion**]  
*inca* (Selys, 1876) [**Leptagrion**]  
 syn *foliaceum* Sjöstedt, 1918 [**Leptagrion**]

*philipi* Tennessen, 2009

**Amazoneura** Machado, 2004

*ephipigera* (Selys, 1886) [**Protoneura**]

*juruensis* Machado, 2004

*westfalli* (Machado, 2001) [**Forcepsioneura**]

**Amphiagrion** Selys, 1876

*abbreviatum* (Selys, 1876) [**Pyrrhosoma**]

*saucium* (Burmeister, 1839) [**Agrion**]

syn *discolor* Burmeister, 1839 [**Agrion**]

**Andinagrion** Bulla, 1973

*garrisoni* von Ellenrieder & Muzón, 2006

*peterseni* (Ris, 1908) [**Oxyagrion**]

*saliceti* (Ris, 1904) [**Oxyagrion**]

**Angelagrion** Lencioni, 2008

*fredericoi* Lencioni, 2008

*nathaliae* Lencioni, 2008

**Anisagrion** Selys, 1876

*allopteron* Selys, 1876

syn *allopteron rubicundum* Selys, 1876

*inornatum* (Selys, 1876) [**Leptagrion?**]

syn *meridionale* Rácenis, 1953

syn *rufum* Selys, 1876 [**Leptagrion?**]

*kennedyi* Leonard, 1937

*truncatipenne* Calvert, 1902

**Anomisma** McLachlan, 1877

*abnorme* McLachlan, 1877

syn *terminatum* McLachlan, 1877 [**Microstigma**]

**Antiagrion** Ris, 1904

*antigone* Ris, 1928

*blanchardi* (Selys, 1876) [**Erythromma?**]

*gayi* (Selys, 1876) [**Erythromma?**]

*grinbergi* Jurzitza, 1974

**Apanisagrion** Kennedy, 1920

*lais* (Brauer in Selys, 1876) [**Nehalennia**]

**Argentagrion** Fraser, 1948

*ambiguum* (Ris, 1904) [**Acanthagrion**]

*silviae* Bulla, 1971

**Argia** Rambur, 1842

syn *Hyponeura* Selys, 1854

syn *Diargia* Calvert, 1909

syn *Chalcargia* Kennedy, 1920

syn *Cyanargia* Kennedy, 1920

syn *Heliargia* Kennedy, 1920



syn *Leptargia* Kennedy, 1920  
syn *Micrargia* Kennedy, 1920

*acridens* Garrison & von Ellenrieder, 2018  
*adamsi* Calvert, 1902  
syn *huallaga* Fraser, 1946  
*agrioides* Calvert, 1895  
*alberta* Kennedy, 1918  
*albistigma* Hagen in Selys, 1865  
syn *?fosteri* Calvert, 1909  
*anceps* Garrison, 1996  
*angelae* Vilela, Guillermo-Ferreira, Del-Claro & Cordero-Rivera, 2018  
*apicalis* (Say, 1840) [**Agrion**]  
*appendiculata* Garrison & von Ellenrieder, 2015  
*azurea* Garrison & von Ellenrieder, 2015  
*barretti* Calvert, 1902  
*bicellulata* (Calvert, 1909) [**Diargia**]  
*bipunctulata* (Hagen, 1861) [**Agrion**]  
syn *bipustulata (lapsus)* Kirby, 1890  
*botacudo* Calvert, 1909  
*calida* (Hagen, 1861) [**Agrion**]  
syn *?wilsoni* Calvert, 1902  
*calverti* Garrison & von Ellenrieder, 2017  
*carlcooki* Daigle, 1995  
*carolus* Garrison & von Ellenrieder, 2017  
*chapadae* Calvert, 1909  
*chelata* Calvert, 1902  
*claussenii* Selys, 1865  
*collata* Selys, 1865  
syn *mollusca* Fraser, 1946  
*concinna* (Rambur, 1842) [**Agrion**]  
*croceipennis* Selys, 1865  
syn *?indocilis* Navás, 1934  
syn *?missionensis* Fraser, 1948  
*cuneifera* Garrison & von Ellenrieder, 2015  
*cupraurea* Calvert, 1902  
*cuprea* (Hagen, 1861) [**Agrion**]  
*cuspidata* Garrison & von Ellenrieder, 2018  
*cyathigera* Navás, 1934  
syn *?ambigua* Navás, 1934  
*deami* Calvert, 1902  
*deceptor* Garrison & von Ellenrieder, 2015  
*difficilis* Selys, 1865  
syn *forficula* Fraser, 1946  
syn *machadina* Förster, 1914  
*dives* Förster, 1914  
*donnelyi* Garrison & von Ellenrieder, 2015  
*elongata* Garrison & von Ellenrieder, 2017  
*emma* Kennedy, 1915  
*euphorbia* Fraser, 1946  
*extranea* (Hagen, 1861) [**Agrion**]  
syn *mista* Navás, 1934  
*fissa* Selys, 1865  
syn *?columbiana* Navás, 1924  
*fraudatricula* Förster, 1914

*frequentula* Calvert, 1907  
*fulgida* Navás, 1934  
*fumigata* Hagen *in* Selys, 1865  
*fumipennis atra* Gloyd, 1968  
*fumipennis fumipennis* (Burmeister, 1839) [**Agrion**]  
    syn *obscura* Rambur, 1842  
*fumipennis violacea* (Hagen, 1861) [**Agrion**]  
*funcki* (Selys, 1854) [**Hyponeura**]  
*funebri* (Hagen, 1861) [**Agrion**]  
*garrisoni* Daigle, 1991  
*gaumeri* Calvert, 1907  
*gemella* Garrison & von Ellenrieder, 2015  
*gerhardi* Calvert, 1909  
    syn ?*medinensis* Navás, 1935  
*guyanica* Garrison & von Ellenrieder, 2015  
*haberi* Garrison & von Ellenrieder, 2017  
*hamulata* Fraser, 1946  
*harknessi* Calvert, 1899  
*hasemani* Calvert, 1909  
*herberti* Calvert, 1902  
*hinei* Kennedy, 1918  
*huanacina* Förster, 1914  
*immunda* (Hagen, 1861) [**Agrion**]  
*impura* Rambur, 1842  
*inculta* Hagen *in* Selys, 1865  
*indicatrix* Calvert, 1902  
    syn *dagnina* Förster, 1914  
    syn *stigmatica* Navás, 1934  
    syn *umbriaca* Fraser, 1946  
*infrequentula* Fraser, 1946  
*infumata* Selys, 1865  
*insipida* Hagen *in* Selys, 1865  
    syn *ierea* Geijskes, 1932  
*joallynae* Garrison & von Ellenrieder, 2015  
*jocosa* Hagen *in* Selys, 1865  
*joergenseni* Ris, 1913  
*johannella* Calvert, 1907  
*jujuya* Ris, 1913  
*kokama* Calvert, 1909  
    syn *makoka* Fraser, 1946  
*lacrimans* (Hagen, 1861) [**Agrion**]  
*leonorae* Garrison, 1994  
*lilacina* Selys, 1865  
    syn ?*thisma* Calvert, 1909  
*limitata* Navás, 1924  
*loutoni* Garrison & von Ellenrieder, 2015  
*lugens* (Hagen, 1861) [**Agrion**]  
*mauffrayi* Garrison & Ramón Cabrera, 2019  
*mayi* González-Soriano, 2012  
*medullaris* Hagen *in* Selys, 1865  
    syn ?*augustana* Navás, 1934  
    syn ?*charalana* Navás, 1924  
    syn ?*rectangula* Navás, 1920  
*meioura* Garrison & von Ellenrieder, 2015  
*mishuyaca* Fraser, 1946

*modesta* Selys, 1865  
*moesta* (Hagen, 1861) [**Agrion**]  
     syn *intruda* Williamson, 1912  
     syn *putrida* Hagen, 1861 [**Agrion**]  
*mollis* Hagen in Selys, 1865  
*munda* Calvert, 1902  
     syn *rita* Kennedy, 1919  
*nahuana* Calvert, 1902  
     syn *saalasi* Valle, 1942  
*nataliae* Garrison, 2019  
*nigrior* Calvert, 1909  
     syn ?*mariensis* Calvert, 1961  
*oculata* Hagen in Selys, 1865  
     syn *eliptica* Selys, 1865  
     syn *icterica* Navás, 1934  
*oenea* Hagen in Selys, 1865  
*orichalcea* Hagen in Selys, 1865  
*pallens* Calvert, 1902  
     syn *solita* Kennedy, 1918  
*palmata* Garrison & von Ellenrieder, 2015  
*percellulata* Calvert, 1902  
*pima* Garrison, 1994  
*philipi* Garrison & von Ellenrieder, 2018  
*pipila* Calvert, 1907  
*plana* Calvert, 1902  
     syn *spgazzinii* Navás, 1934  
*pocomana* Calvert, 1907  
*popoluca* Calvert, 1902  
     syn *variata* Navás, 1935  
*pulla* Hagen in Selys, 1865  
     syn *lobata* Navás, 1924  
*reclusa* Selys, 1865  
*recurvata* Garrison & von Ellenrieder, 2015  
*rhoodsi* Calvert, 1902  
*rogersi* Calvert, 1902  
*rosseri* Tennessen, 2002  
*rudolphi* Garrison & von Ellenrieder, 2017  
*sabino* Garrison, 1994  
*schneideri* Garrison & von Ellenrieder, 2017  
*schorri* Garrison & von Ellenrieder, 2017  
*sedula* (Hagen, 1861) [**Agrion**]  
*selysi* Garrison & von Ellenrieder, 2018  
*serva* Hagen in Selys, 1865  
*smithiana* Calvert, 1909  
*sordida* Hagen in Selys, 1865  
     syn *dimissa* Selys, 1865  
*subapicalis* Calvert, 1909  
*talamanca* Calvert, 1907  
*tamoyo* Calvert, 1909  
     syn *iralai* Calvert, 1909  
*tarascana* Calvert, 1902  
*tenneseni* Garrison & von Ellenrieder, 2018  
*terira* Calvert, 1907  
*telesfordi* Meurgey, 2009  
*tezpi* Calvert, 1902a

*thespis* Hagen *in* Selys, 1865  
*tibialis* (Rambur, 1842) [**Platycnemis**]  
syn *binotatum* Walsh, 1862 [**Agrion**]  
syn *fontium* Hagen, 1861 [**Agrion**]  
*tinctipennis* Selys, 1865  
*tonto* Calvert, 1902  
*translata* Hagen *in* Selys, 1865  
syn *espalensis* Navás, 1935  
*tupi* Calvert, 1909  
*ulmeca* Calvert, 1902  
*underwoodi* Calvert, 1907  
*variabilis* Selys, 1865  
*variegata* Förster, 1914  
syn *trifoliata* Fraser, 1946  
*vivida* Hagen *in* Selys, 1865  
syn *kurilis* Hagen *in* Selys, 1865  
*westfalli* Garrison, 1996  
*yungensis* Garrison & von Ellenrieder, 2007

**Bromeliagrion** De Marmels, 2005 *in* De Marmels & Garrison, 2005

*beebeanum* (Calvert, 1948) [**Leptagrion**]  
*fernandezianum* (Rácenis, 1958) [**Leptagrion**]  
*rehni* Garrison, 2005 *in* De Marmels & Garrison, 2005

**Calvertagrion** St. Quentin, 1960

*albatum* Tennessen, 2015  
*charis* Tennessen, 2015  
*declivatum* Tennessen, 2015  
*mauffrayi* Tennessen, 2015  
*minutissimum* (Selys, 1876) [**Agrion?**]  
syn *dicellulare* St. Quentin, 1960

**Chromagrion** Needham *in* Needham, MacGillivray, Johannsen & Davis, 1903

*conditum* (Selys, 1876) [**Erythromma?**]

**Coenagrion** Kirby, 1890

syn *Austrocoenagrion* Kennedy, 1920

*angulatum* Walker, 1912  
syn *lunifera* Muttkowski, 1913 [**Enallagma**]  
*interrogatum* (Hagen *in* Selys, 1876) [**Agrion**]  
*resolutum* (Hagen *in* Selys, 1876) [**Agrion**]  
syn race *servum* Selys, 1876 [**Agrion**]  
syn *walkeri* Muttkowski, 1911 [**Enallagma**]

**Cyanallagma** Kennedy, 1920

*angelae* Lencioni, 2001  
*bonariense* (Ris, 1913) [**Acanthagrion**]  
*corbeti* Costa, Santos & Souza, 2009  
*ferenigrum* De Marmels, 2003  
*interruptum* (Selys, 1876) [**Acanthagrion**]  
*nigrinuchale* (Selys, 1876) [**Acanthagrion**]  
*trimaculatum* (Selys, 1876) [**Acanthagrion**]

**Dactylobasis** Pérez-Gutiérrez, 2019

*demarmelsi* Pérez-Gutiérrez, 2019

### **Denticulobasis** Machado, 2009

*ariken* Machado, 2009

*dunklei* Machado, 2009

*garrisoni* Machado, 2009

### **Diceratobasis** Kennedy, 1920

*macrogaster* (Selys in Sagra, 1857) [**Agrion**]

*melanogaster* Garrison, 1986

### **Dolonagrion** Garrison & von Ellenrieder, 2008

*fulvellum* (Selys, 1876) [**Telagrion**]

### **Drepanoneura** von Ellenrieder & Garrison, 2008

*dannellyi* von Ellenrieder & Garrison, 2008

*flinti* von Ellenrieder & Garrison, 2008

*janirae* von Ellenrieder & Garrison, 2008

*letitia* (Donnelly, 1992) [**Epipleoneura**]

*loutoni* von Ellenrieder & Garrison, 2008

*muzoni* von Ellenrieder & Garrison, 2008

*peruviensis* (Fraser, 1946) [**Protoneura**]

*tennesseni* von Ellenrieder & Garrison, 2008

### **Enacantha** Donnelly & Alayo, 1966

*caribbea* Donnelly & Alayo, 1966

### **Enallagma** Charpentier, 1840

syn *Aenallagma* Selys, 1875

syn *Teleallagma* Kennedy, 1920

*anna* Williamson, 1900

syn *culicinatorum* Byers, 1927

*annexum* (Hagen, 1861) [**Agrion**]

syn *robustum* Selys, 1875

*antennatum* (Say, 1840) [**Agrion**]

syn *fischeri* Kellicott, 1895

*aspersum* (Hagen, 1861) [**Agrion**]

*basidens* Calvert, 1902

*boreale* Selys, 1875

syn *calverti* Morse, 1895

*cardenium* Hagen in Selys, 1876

*carunculatum* Morse, 1895

*civile* (Hagen, 1861) [**Agrion**]

syn *civile plebeium* Selys, 1876

syn *civile* race? *simile* Selys, 1876

*clausum* Morse, 1895

*coecum* (Hagen, 1861) [**Agrion**]

syn *krugii* Kolbe, 1888

*concisum* Williamson, 1922

*daeckii* (Calvert, 1903) [**Telagrion?**]

*davisi* Westfall, 1943

*divagans* Selys, 1876

*doubledayi* (Selys, 1850) [**Agrion**]

*dubium* Root, 1924  
*durum* (Hagen, 1861) [Agrion]  
*ebrium* (Hagen, 1861) [Agrion]  
*eiseni* Calvert, 1895  
*exsulans* (Hagen, 1861) [Agrion]  
*geminatum* Kellicott, 1895  
     syn *piscinarium* Williamson, 1899  
*hageni* (Walsh, 1863) [Agrion]  
*laterale* Morse, 1895  
*minusculum* Morse, 1895  
*novaehispaniae* Calvert, 1907  
     syn *ypsilon* Needham, 1942  
*pallidum* Root, 1923  
*pictum* Morse, 1895  
*pollutum* (Hagen, 1861) [Agrion]  
*praevarum* (Hagen, 1861) [Agrion]  
*recurvatum* Davis, 1913  
*rua* Donnelly, 1968  
*semicirculare* Selys, 1876  
*signatum* (Hagen, 1861) [Agrion]  
     syn *dentiferum* Walsh, 1864 [Agrion]  
*sulcatum* Williamson, 1922  
*traviatum traviatum* Selys, 1876  
*traviatum westfalli* Donnelly, 1964  
*truncatum* (Gundlach, 1888) [Agrion]  
*vernale* Gloyd, 1943  
*vesperum* Calvert, 1919  
     syn *laurenti* Calvert, 1919  
*weewa* Byers, 1927

### **Epipleoneura** Williamson, 1915

*albuquerquei* Machado, 1964  
*angeloi* Pessacq & Costa, 2010  
*capilliformis* (Selys, 1886) [Protoneura]  
     syn *incusa* Williamson, 1915  
*demarmelsi* von Ellenrieder & Garrison, 2008  
*fernandezii* Rácenis, 1960  
*fuscaenea* Williamson, 1915  
*haroldoi* Santos, 1964  
*humeralis* (Selys, 1886) [Protoneura]  
*janirae* Machado, 2005  
*kaxuriana* Machado, 1985  
*lamina* Williamson, 1915  
*machadoi* Rácenis, 1960  
*manauensis* Santos, 1964  
*metallica* Rácenis, 1955  
*ocuene* De Marmels, 1989  
*ottoi* Pessacq, 2014  
*pallida* Rácenis, 1960  
*pereirai* Machado, 1964  
*protostictoides* (Fraser, 1946) [Protoneura]  
*solitaria* De Marmels, 1989  
*spatulata* Rácenis, 1960  
*susanae* Pessacq, 2014  
*tariana* Machado, 1985

*uncinata* De Marmels, 1989  
*venezuelensis* Rácenis, 1955  
*waiwaiana* Machado, 1985  
*westfalli* Machado, 1986  
*williamsoni* Santos, 1957

### **Epipotoneura** Williamson, 1915

*machadoi* von Ellenrieder & Garrison, 2008  
*nehallengia* Williamson, 1915

### **Fluminagrion** Anjos-Santos, Lozano & Costa, 2013

*taxaense* (Santos, 1965) [**Acanthagrion**]

### **Forcepsioneura** Lencioni, 1999

*gabriela* Pimenta, Pinto & Takiya, 2019  
*garrisoni* Lencioni, 1999  
*grossiorum* Machado, 2005  
*haerteli* Machado, 2001  
*itatiaiaie* (Santos, 1970) [**Phasmoneura**]  
*janaea* Pimenta, Pinto & Takiya, 2019  
*lucia* Machado, 2019  
*regua* Pinto & Kompier, 2018  
*sancta* (Hagen *in* Selys, 1860) [**Protoneura**]  
syn *ciganae* Santos, 1968 [**Phasmoneura**]  
*serrabonita* Pinto & Kompier, 2018

### **Franciscagrion** Machado & Bedê, 2016

*franciscoi* Machado & Bedê, 2016  
*longispinum* Machado & Bedê, 2016

### **Franciscobasis** Machado & Bedê, 2016

*franciscoi* Machado & Bedê, 2016  
syn *sonia* Machado & Bedê, 2016

### **Hesperagrion** Calvert, 1902

*heterodoxum* (Selys, 1868) [**Agrion**]  
syn var. *flavescens* Selys, 1868 [**Agrion**]

### **Homeoura** Kennedy, 1920

*chelifera* (Selys, 1876) [**Acanthagrion?**]  
syn *chelifera ?rusticum* Calvert, 1909 [**Acanthagrion?**]  
*lindneri* (Ris, 1928) [**Acanthagrion**]  
*nepos* (Selys, 1876) [**Agrion?**]  
*obrieni* von Ellenrieder, 2008  
*sobrina* (Schmidt, 1942) [**Ischnura**]

### **Hylaeonympha** Rácenis, 1968

*magoi* Rácenis, 1968

### **Idioneura** Selys, 1860

*ancilla* Selys, 1860  
*celioi* Lencioni, 2009

## **Inpabasis** Santos, 1961

*hubelli* Santos, 1961

*machadoi* Santos, 1961

*nigridorsum* Bota-Sierra & Faasen *in* Bota-Sierra, Moreno-Arias & Faasen, 2015

*rosea* (Selys, 1877) [**Leptobasis**]

syn *eliasi* Santos, 1961

## **Ischnura** Charpentier, 1840

syn *Anomalagrion* Selys *in* Sagra, 1857

syn *Ceratura* Selys, 1876

syn *Micronympha* Kirby, 1890

syn *Ischnosoma* Wallengren, 1894

syn *Celaenura* Kennedy, 1917

syn *Anomalura* Kennedy, 1920

syn *Nanosura* Kennedy, 1917

syn *Ischnuridia* Donnelly, 1965

*barberi* Currie, 1903

syn *utahensis* Muttkowski, 1910

*capreolus* (Hagen, 1861) [**Agrion**]

*cervula* Selys, 1876

*chingaza* Realpe, 2010

*cruzi* De Marmels, 1987

*cyane* Realpe, 2010

*damula* Calvert, 1902

*demorsa* (Hagen, 1861) [**Agrion**]

*denticollis* (Burmeister, 1839) [**Agrion**]

syn *exstriata* Calvert, 1895

*erratica* Calvert, 1895

*fluviatilis* Selys, 1876

syn *bizonata* Selys, 1876

*gemina* (Kennedy, 1917) [**Celaenura**]

*hastata* (Say, 1840) [**Agrion**]

syn *anomala* Rambur, 1842 [**Agrion**]

syn *venerinotata* Haldeman, 1844 [**Agrion**]

*indivisa* (Ris, 1918) [**Ceratura**]

*kellicotti* Williamson, 1898

*mahechai* Machado, 2012

*perparva* Selys, 1876

*posita acicularis* Donnelly, 1965

*posita atezca* Novelo-Gutiérrez & Peña-Olmedo, 1989

*posita posita* (Hagen, 1861) [**Agrion**]

*prognata* (Hagen, 1861) [**Agrion**]

*ramburii* (Selys, 1850) [**Agrion**]

syn var. *aurantiaca* Hagen, 1861 [**Agrion**]

syn *credula* Hagen, 1861 [**Agrion**]

syn *defixum* Hagen, 1861 [**Agrion**]

syn *experta* (*nomen nudum*) Hagen, 1861 [**Agrion**]

syn *iners* Hagen, 1861 [**Agrion**]

syn *tuberculata* Selys *in* Sagra, 1857 [**Agrion**]

*rufovittata* (Blanchard, 1845) [**Agrion**]

*solitaria* Bota-Sierra, Velásquez-Vélez & Realpe, 2019

*ultima* Ris, 1908

syn *indefinata* (*nomen nudum*) Fraser, 1947

*verticalis* (Say, 1840) [**Agrion**]



syn *amphion* Selys, 1876 [**Amphiagrion**]  
syn *canadense* Provancher, 1876 [**Agrion**]

### **Junix** Rácenis, 1968

*elumbis* Rácenis, 1968

### **Lamproneura** De Marmels, 2003

*lucerna* De Marmels, 2003

### **Leptagrion** Selys, 1876

*aculeatum* Santos, 1965  
*acutum* Santos, 1961  
*afonsoi* Machado, 2007  
*andromache* Hagen in Selys, 1876  
*bocainense* Santos, 1979  
*capixabae* Santos, 1965  
*cyanostigma* Machado, 2012  
*dardanoi* Santos, 1968  
*dispar* Selys, 1876  
*elongatum* Selys, 1876  
*garbei* Santos, 1961  
*lencioninetoi* Lencioni, 2017  
*macrurum* (Burmeister, 1839) [**Agrion**]  
syn *briseis* (*nomen nudum*) Hagen, 1861 [**Agrion**]  
syn *leoninum* Selys, 1876 [**Argiagrion**]  
syn *auriceps* St. Quentin, 1960  
*perlongum* Calvert, 1909  
*porrectum* Selys, 1876  
*siqueirai* Santos, 1968  
*vriesianum* Santos, 1978

### **Leptobasis** Selys, 1877

syn *Hylaeagrion* Förster, 1906  
syn *Chrysobasis* Rácenis, 1959

*buchholzi* (Rácenis, 1959) [**Chrysobasis**]  
*candelaria* Alayo, 1968  
*guanacaste* Paulson, 2009  
*linda* Johnson, 2016  
*lucifer* (Donnelly, 1967) [**Chrysobasis**]  
*mauffrayi* Garrison & von Ellenrieder, 2010  
*melinogaster* González-Soriano, 2002  
*raineyi* (Williamson, 1915) [**Telagrion**]  
*vacillans* Hagen in Selys, 1877  
syn *vacillans ecuadorica* Calvert, 1909  
syn *vacillans guianae* Calvert, 1909  
syn var. *atrodorsum* Calvert, 1902

### **Leucobasis** Rácenis, 1959

*candicans* Rácenis, 1959

### **Mecistogaster** Rambur, 1842

syn *Preia* Gistel, 1848  
syn *Gonistigma* Kennedy, 1920  
syn *Platystigma* Kennedy, 1920

syn *Haplostigma* Kennedy, 1920  
syn *Xanthostigma* Kennedy, 1920

***amalia*** (Burmeister, 1839) [**Agrion**]

syn *filiformis* Rambur, 1842  
syn *leucostigma* Rambur, 1842  
syn *linearis* Rambur (*nec* Fabricius, 1776), 1842  
syn *linearis* Blanchard, (*nec* Fabricius, 1776) 1840 [**Agrion**]  
syn *virgata* Rambur, 1842  
syn *kesselringi* Soldati Lacerda & Machado, 2019  
syn *mielkei* Soldati Lacerda & Machado, 2019  
syn *nordestina* Soldati Lacerda & Machado, 2019

***asticta*** Selys, 1860

***buckleyi*** McLachlan, 1881

syn *amazonica* Sjöstedt, 1918  
syn *garleppi* Förster, 1903  
?syn *quadratum* (Machado & Soldati Lacerda, 2017) [**Platystigma**]

***hamaita*** (Machado & Soldati Lacerda, 2017) [**Platystigma**]

***jocaste jocaste*** Hagen, 1869

***jocaste sincera*** McLachlan, 1877

***jocaste vicentius*** Ris, 1918

***linearis infumata*** Fraser, 1946

***linearis linearis*** (Fabricius, 1776) [**Agrion**]

syn *filigera* Rambur, 1842  
syn *flavistigma* Rambur, 1842

***lucretia hauxwelli*** Selys, 1886

***lucretia lucretia*** (Drury, 1773) [**Libellula**]

syn *fila* Rambur, 1842  
syn *linearis* Olivier, 1792 [**Agrion**]  
syn *longissima* Fee, 1832 [**Libellula**]  
syn *marchali* Rambur, 1842  
syn *pedicillata* Rambur, 1842  
syn *signata* Rambur, 1842  
syn *tullia* Burmeister, 1839 [**Agrion**]

***martinezi*** Machado, 1985

***minimum*** (Machado & Soldati Lacerda, 2017) [**Platystigma**]

***modesta iphigenia*** Selys, 1886

***modesta modesta*** Selys, 1860

syn ?*marchali* var. *selysia* Navás, 1923

***ornata acutipennis*** Selys, 1886

***ornata ornata*** Rambur, 1842

syn *luctuosa* Hagen *in* Selys, 1860

***pronoti*** Sjöstedt, 1918

**Megaloprepus** Rambur, 1842

***caerulatus caerulatus*** (Drury, 1782) [**Libellula**]

***caerulatus brevistigma*** Selys, 1860

syn *caerulatus latipennis* Selys, 1860

**Mesamphiagrion** Kennedy, 1920

syn *Archaeallagma* Kennedy, 1920

***demarmelsi*** (Cruz, 1986) [**Cianallagma**]

***dunklei*** von Ellenrieder & Garrison, 2008

***ecuatorialia*** von Ellenrieder & Garrison, 2008

***gaudiimontanum*** Bota-Sierra *in* Bota-Sierra & Wolff, 2013

*gaianii* (De Marmels, 1997) [**Cyanallagma**]  
*laterale* (Selys, 1876) [**Acanthagrion**]  
     syn *ternaria* Navás, 1934 [**Argia**]  
     syn *trina* Navás, 1934 [**Argia**]  
*nataliae* Bota-Sierra in Bota-Sierra & Wolff, 2013  
*occultum* (Ris, 1918) [**Enallagma**]  
*ovigerum* (Calvert, 1909) [**Enallagma**]  
     syn *hebdomatica* Navás, 1934 [**Argia**]  
*risi* (De Marmels, 1997) [**Cyanallagma**]  
*rosseri* Bota-Sierra in Bota-Sierra & Wolff, 2013  
*santuinense* Bota-Sierra in Bota-Sierra & Wolff, 2013  
*tamaense* (De Marmels, 1988) [**Cyanallagma**]  
*tepuianum* (De Marmels, 1997) [**Cyanallagma**]

### Mesoleptobasis Sjöstedt, 1918

*acuminata* Santos, 1961  
*cantralli* Santos, 1961  
*cyanolineata* (Wasscher, 1998) [**Metaleptobasis**]  
*elongata* Garrison & von Ellenrieder, 2009  
*incus* Sjöstedt, 1918

### Metaleptobasis Calvert, 1907

*amazonica* Sjöstedt, 1918  
*bicornis* (Selys, 1877) [**Leptobasis**]  
     syn *mauritica* Williamson, 1915  
*bovilla* Calvert, 1907  
*brevicauda* von Ellenrieder, 2013  
*brysonima* Williamson, 1915  
     syn *incisula* De Marmels, 1989  
     syn *tetragena* Calvert, 1948  
     syn *weibezahni* Rácenis, 1955  
*diceras* (Selys, 1877) [**Leptobasis**]  
     syn *fernandezi* Rácenis, 1955  
     syn *manicaria* Williamson, 1915  
*falcifera* von Ellenrieder, 2013  
*foreli* Ris, 1918  
     syn *westfalli* Cumming, 1954  
*furcifera* von Ellenrieder, 2013  
*gabrielae* von Ellenrieder, 2013  
*guillermoi* von Ellenrieder, 2013  
*gibbosa* Tennessen, 2012  
*inermis* von Ellenrieder, 2013  
*knopfi* Tennessen, 2012  
*leniloba* von Ellenrieder, 2013  
*lillianae* Daigle, 2004  
*longicauda* von Ellenrieder, 2013  
*mauffrayi* Daigle, 2000  
*minteri* Daigle, 2003  
*orthogonia* von Ellenrieder, 2013  
*paludicola* von Ellenrieder, 2013  
*panguanae* von Ellenrieder, 2013  
*peltata* von Ellenrieder, 2013  
*prostrata* von Ellenrieder, 2013  
*quadricornis* (Selys, 1877) [**Leptobasis**]

*selysi* Santos, 1956  
*silvicola* von Ellenrieder, 2013  
*spatulata* von Ellenrieder, 2013  
*tridentigera* von Ellenrieder, 2013  
*truncata* von Ellenrieder, 2013  
*turbinata* von Ellenrieder, 2013

### **Microstigma** Rambur, 1842

*anomalum* Rambur, 1842  
syn *anomalum sjoestedti* Schmidt, 1958  
syn *anomalum* var. *minor* Selys, 1886  
syn *anomalum vicinum* Schmidt, 1958  
syn *calcipenne* Fraser, 1946  
syn *proximum* Rambur, 1842  
*maculatum* Hagen in Selys, 1860  
syn *maculatum albopictum* Schmidt, 1958  
syn *maculatum fassli* Schmidt, 1958  
*rotundatum* Selys, 1860  
syn *rotundatum exustum* Selys, 1860  
syn *rotundatum lunatum* Selys, 1860

### **Minagrion** Santos, 1965

*caldense* Santos, 1965  
*canaanense* Santos, 1967  
*franciscoi* Machado & Bedê, 2016  
*mecistogastrum* (Selys, 1876) [**Telagrion**]  
*ribeiroi* (Santos, 1962) [**Telagrion**]  
*waltheri* (Selys, 1876) [**Agrion?**]  
syn *serracipoense* Santos, 1956 [**Telagrion**]

### **Nehalennia** Selys, 1850

syn *Argiallagma* Calvert, 1907  
*gracilis* Morse, 1895  
*integricollis* Calvert, 1913  
*irene* (Hagen, 1861) [**Agrion**]  
syn *carlotta* Butler, 1914  
*minuta minuta* (Selys in Sagra, 1857) [**Trichocnemys**]  
syn *aduncum* Hagen, 1861 [**Agrion**]  
*minuta selysi* Kirby, 1890  
syn *sophia* Selys (*nec* Selys, 1840), 1876  
*pallidula* Calvert, 1913

### **Neoerythromma** Kennedy, 1920

*cultellatum* (Hagen in Selys, 1876) [**Enallagma**]  
*gladiolatum* Williamson & Williamson, 1930

### **Neoneura** Selys, 1860

*aaroni* Calvert, 1903  
*amelia* Calvert, 1903  
*anaclara* Machado, 2005  
*angelensis* Juillerat, 2007  
*bilinearis* Selys, 1860  
syn *gaida* Rácenis, 1953  
*caligata* (Hagen in Selys, 1886) [**Microneura**]

*carnatica* Selys, 1886  
*crisrina* Rácenis, 1955  
*confundens* Wasscher & van 't Bosch, 2013  
*denticulata* Williamson, 1917  
     syn *pardalina* Sjöstedt, 1918  
*desana* Machado, 1989  
*esthera* Williamson, 1917  
*ethela* Williamson, 1917  
*fulvicollis* Selys, 1886  
*joana* Williamson, 1917  
*jurzitzai* Garrison, 1999  
*kiautai* Machado, 2007  
*leonardo* Machado, 2005  
*lucas* Machado, 2002  
*luzmarina* De Marmels, 1989  
*maria* (Scudder, 1866) [**Agrion**]  
     syn *palustris* Hagen, 1867  
*mariana* Williamson, 1917  
*moorei* Machado, 2003  
*myrthea* Williamson, 1917  
*paya* Calvert, 1907  
*rubriventris* Selys, 1860  
*rufithorax* Selys, 1886  
*schreiberi* Machado, 1975  
*sylvatica* Hagen *in* Selys, 1886  
*waltheri* Selys, 1886

#### **Oreiallagma** von Ellenrieder & Garrison, 2008

*acutum* (Ris, 1918) [**Acanthagrion**]  
*oreas* (Ris, 1918) [**Telagrion**]  
*prothoracicum* (Kimmins, 1945) [**Telagrion**]  
*quadricolor* (Ris, 1918) [**Telagrion**]  
*thelkterion* (De Marmels, 1997) [**Cyanallagma**]

#### **Oxyagrion** Selys, 1876

*ablutum* (Calvert, 1909) [**Acanthagrion**]  
*basale* Selys, 1876  
*brevistigma* Selys, 1876  
*bruchi* Navás, 1924  
*chapidense* Costa, 1978  
*evanescens* Calvert, 1909  
*fernandoi* Costa, 1988  
*franciscoi* Machado & Bedê, 2016  
*haematinum* Selys, 1876  
*hempeli* Calvert, 1909  
*hermosae* (Leonard, 1977) [**Acanthagrion**]  
*imeriense* (De Marmels, 1989) [**Acanthagrion**]  
*impunctatum* Calvert, 1909  
*machadoi* Costa, 1978  
*microstigma* Selys, 1876  
     syn *divaricatum* Calvert, 1909  
*miniopsis* Selys, 1876  
*mirnae* Machado, 2010  
*pavidum* Hagen *in* Selys, 1876

*pseudocardinale* Costa, Souza & Santos, 2000  
*rubidum* (Rambur, 1842) [**Agrion**]  
syn *rufulum* Hagen, 1861 [**Agrion**]  
*santosi* Martins, 1967  
*simile* Costa, 1978  
*sulinum* Costa, 1978  
*sulmatogrossense* Costa, Souza & Santos, 2000  
*tennesseni* Mauffray, 1999  
*terminale* Selys, 1876  
*zielmae* Costa, Souza, & Muzón, 2006

### **Oxyallagma** Kennedy, 1920

*colombianum* Bota-Sierra, 2014  
*dissidens* (Selys, 1876) [**Oxyagrion**]  
syn *runtuni* Kennedy, 1939 [**Protallagma**]

### **Peristicta** Hagen in Selys, 1860

*aeneoviridis* Calvert, 1909  
syn *misionera* Jurzitza, 1981  
*forceps* Hagen in Selys, 1860  
*gauchae* Santos, 1968  
*guarellae* Anjos-Santos & Pessacq, 2013  
*jalmosi* Pessacq & Costa, 2007  
*janiceae* Pessacq & Costa, 2007  
*lizeria* Navás, 1920  
*muzoni* Pessacq & Costa, 2007

### **Phasmoneura** Williamson, 1916

*exigua* (Selys, 1886) [**Protoneura**]  
syn *olmyra* Williamson, 1916  
*janirae* Lencioni, 1999

### **Phoenicagrion** von Ellenrieder, 2008

*flammeum* (Selys, 1876) [**Leptagrion**]  
syn *autazensis* Sjöstedt, 1918 [**Leptagrion**]  
*flavescens* Machado, 2010  
*ibseni* Machado, 2010  
*karaja* Machado, 2010  
*megalobos* Machado, 2010  
*paulsoni* von Ellenrieder, 2008  
*trilobum* Faasen, 2014

### **Proneura** Selys, 1889

*prolongata* Selys, 1889

### **Protallagma** Kennedy, 1920

*hoffmanni* Hunger & Schiel, 2012  
*titicacae* (Calvert, 1909) [**Amphiagrion**]  
syn *andinum* Förster, 1909 [**Amphiagrion**]

### **Protoneura** Selys in Sagra, 1857

syn *Microneura* Hagen in Selys, 1886  
*ailsa* Donnelly, 1961

*amatoria* Calvert, 1907  
*aurantiaca* Selys, 1886  
*caligata* (Hagen in Selys, 1886) [**Microneura**]  
*calverti* Williamson, 1915  
*capillaris* (Rambur, 1842) [**Agrion**]  
*cara* Calvert, 1903  
*corculum* Calvert, 1907  
*cupida* Calvert, 1903  
*dunklei* Daigle, 1990  
*klugi* Cowley, 1941  
*macintyreii* Kennedy, 1939  
*paucinervis* Selys, 1886  
*peramans* Calvert in Skinner, 1902  
*rojiza* González-Soriano, 1992  
*romanae* Meurgey, 2006  
*sanguinipes* Westfall, 1987  
*scintilla* Gloyd, 1939  
*sulfurata* Donnelly, 1989  
*tenuis* Selys, 1860  
*viridis* Westfall, 1964  
*woytkowskii* Gloyd, 1939

#### **Psaironeura** Williamson, 1915

*angeloi* Tennessen, 2016  
*bifurcata* (Sjöstedt, 1918) [**Protoneura**]  
syn *machadoi* De Marmels, 1989  
*remissa* (Calvert, 1903) [**Protoneura**]  
*selvatica* Esquivel 1993  
*tenuissima* (Selys, 1886) [**Protoneura**]  
syn *cerasina* Williamson, 1915

#### **Pseudostigma** Selys, 1860

*aberrans* Selys, 1860  
*accedens* Selys, 1860

#### **Roppaneura** Santos, 1966

*beckeri* Santos, 1966

#### **Schistolobos** von Ellenrieder & Garrison, 2008

*boliviensis* (Daigle, 2007) [**Telagrion**]

#### **Telagrion** Selys, 1876

*longum* Selys, 1876  
syn *longissimum* (*nomen nudum*) Hagen, 1861 [**Agrion**]  
syn *sooretamae* Santos, 1957 [**Metaleptobasis**]  
syn *tenax* St. Quentin, 1960 [**Leptobasis**]

#### **Telebasis** Selys, 1865

syn *Erythragrion* Selys, 1876  
syn *Helveciagrion* Machado, 1980  
*abuna* Bick & Bick, 1995  
*aurea* May, 1992  
*bastiaani* Bick & Bick, 1996

*bickorum* Daigle, 2002  
*boomsmae* Garrison, 1994  
*brevis* Bick & Bick, 1995  
*byersi* Westfall, 1957  
*carmesina* Calvert, 1909  
*carminita* Calvert, 1909  
*carota* Kennedy, 1936  
*carvalhoi* Garrison, 2009  
*celiovallei* Machado, 2010  
*coccinea* (Selys, 1876) [**Erythragrion**]  
    syn *coccinata* Calvert, 1909  
*collopiastes* Calvert, 1902  
*corallina* (Selys, 1876) [**Erythragrion**]  
*corbeti* Garrison, 2009  
*demarara* (Williamson, 1917) [**Aeolagrion**]  
    syn *fluviatilis* St. Quentin, 1960  
*divaricata* Machado, 2010  
*digiticollis* Calvert, 1902  
*dominicana* (Selys in Sagra, 1857) [**Agrion**]  
*dunklei* Bick & Bick, 1995  
*erythrina* (Selys, 1876) [**Erythragrion**]  
*farcimentum* Garrison, 2009  
*filiola* (Perty, 1833) [**Agrion**]  
*flammeola* Kennedy, 1936  
*garleppi* Ris, 1918  
*garrisoni* Bick & Bick, 1995  
*gigantea* Daigle, 2002  
*griffinii* (Martin, 1896) [**Erythragrion**]  
    syn *limoncocha* Bick & Bick, 1995  
*inalata* (Calvert, 1961) [**Aeolagrion**]  
*incolumis* Williamson & Williamson, 1930  
*igapocola* Faasen, 2017  
*isthmica* Calvert, 1902  
*lenkoi* Machado, 2010  
    syn *pareci* Machado, 2010  
*leptocyclia* Garrison, 2009  
*levis* Garrison, 2009  
*livida* Kennedy, 1936  
*luizae* Lencioni, 2010  
*milleri* Garrison, 1997  
*myrianae* Machado, 2010  
*obsoleta* (Selys, 1876) [**Leptagrion**]  
    syn *chirihuanum* Calvert, 1909 [**Acanthagrion**]  
*pallida* Machado, 2010  
*paraensei* Machado, 1956  
*pataxo* Machado, 2010  
*racenisi* Bick & Bick, 1995  
*rubricauda* Bick & Bick, 1995  
*salva* (Hagen, 1861) [**Agrion**]  
    syn *boucardi* Selys, 1868  
*sanguinalis* Calvert, 1909  
*selaopyge* De Marmels, 1989  
*simulacrum* (Calvert, 1909) [**Skiallagma**]  
    syn *lacustris* Jurzitza & Rácenis, 1984  
*simulata* Tennessen, 2002



*theodori* (Navás, 1934) [**Argia**]  
syn *aureipennis* Jurzitza, 1980  
*versicolor* Fraser, 1946  
*vulcanoae* (Machado, 1980) [**Helveciagrion**]  
*vulnerata* (Hagen, 1861) [**Agrion**]  
*watsoni* Bick & Bick, 1995  
*williamsoni* Garrison, 2009  
*willinki* Fraser, 1948

### **Tepuibasis** De Marmels, 2007

syn ?*Autrotepuibasis* Machado & Lencioni 2011

*alvarengai* (Machado & Lencioni, 2011) [**Austrotepuibasis**]  
*chimantai* De Marmels, 1988 [**Aeolagrion**]  
*demarmelsi* (Machado & Lencioni, 2011) [**Austrotepuibasis**]  
*fulva* (Needham, 1933) [**Aeolagrion**]  
*garciana* De Marmels, 2007  
*manolisi* (Machado & Lencioni, 2011) [**Austrotepuibasis**]  
*neblinae* (De Marmels, 1989) [**Aeolagrion**]  
*nigra* De Marmels, 2007  
*rubicunda* De Marmels, 2007  
*thea* De Marmels, 2007

### **Tigriagrion** Calvert, 1909

*aurantinigrum* Calvert, 1909

### **Tuberculobasis** Machado, 2009

*arara* Machado, 2009  
*cardinalis* (Fraser, 1946) [**Oxyagrion**]  
*costalimai* (Santos, 1957) [**Leptobasis**]  
*croceum* (Burmeister, 1839) [**Agrion**]  
syn? *mammilaris* (Calvert, 1909) [**Leptobasis**]  
*geijskesi* Machado, 2009  
*guarani* Machado, 2009  
*inversa* (Selys, 1876) [**Telagrion**]  
syn *tuberculata* Santos, 1961 [**Leptobasis**]  
*karitiana* Machado, 2009  
*macuxi* Machado, 2009  
*tirio* Machado, 2009  
*williamsoni* Machado, 2009  
*yanomami* (De Marmels, 1992) [**Leptobasis**]

### **Tukanobasis** Machado, 2009

*corbeti* Machado, 2009

### **Zoniagrion** Kennedy, 1917

*exclamationis* (Selys, 1876) [**Agrion?**]

## **DICTERIIDIDAE** Montgomery, 1959

### **Dictérias** Selys, 1853

*atrosanguinea* Selys, 1853  
syn *procera* Hagen in Selys, 1859

### **Heliocharis** Selys, 1853

syn *Cyanocharis* Needham, 1903  
syn *Neocharis* Förster, 1906  
syn *Charitopteryx* Cowley, 1934

*amazona* Selys, 1853  
syn *brasiliensis* Hagen *in* Selys, 1859  
syn *cothurnata* Förster, 1906 [**Neocharis**]  
syn *libera* Selys, 1869  
syn *paraensis* Costa & Santos, 1991  
syn *peruviana* Navás, 1920 [**Dictérias**]  
syn *umbra* Ris, 1918 [**Dictérias**]  
syn *valga* Needham, 1903 [**Cyanocharis**]

#### **MEGAPODAGRIONIDAE Calvert, 1913**

##### **Allopodagrion Förster, 1910**

*brachyurum* De Marmels, 2001  
*contortum* (Hagen *in* Selys, 1862) [**Podagrion**]  
*erinys* (Ris, 1913) [**Megapodagrion**]

##### **Archaeopodagrion Kennedy, 1939**

*armatum* Tennessen & Johnson, 2010  
*bicorne* Kennedy, 1939  
*bilobatum* Kennedy, 1946

##### **Dimeragrion Calvert, 1913**

*clavijoi* De Marmels, 1999  
*mesembrinum* De Marmels, 1989  
*percubitale* Calvert, 1913  
*secundum* Needham, 1933  
*unturanense* De Marmels, 1992

##### **Heteragrion Selys, 1862**

*aequatoriale* Selys, 1886  
*albifrons* Ris, 1918  
*alienum* Williamson, 1919  
*angustipenne* Selys, 1886  
*archon* De Marmels, 2008  
*aurantiacum* Selys, 1862  
syn *amazonicum* Selys, 1886  
*azulum* Dunkle, 1989  
*bariai* De Marmels, 1989  
*beschki* Hagen *in* Selys, 1862  
*bickorum* Daigle, 2005  
*breweri* De Marmels, 1989  
*brianmayi* Lencioni, 2013  
*calendulum* Williamson, 1919  
syn *atrolineatum* Donnelly, 1992  
*cauei* Ávila Junior, Lencioni & Carneiro, 2017  
*chlorotaeniatum* De Marmels, 1989  
*chrysops* Hagen *in* Selys, 1862  
*cinnamomeum* Selys, 1862  
syn *macilentum* Hagen *in* Selys, 1862  
*consors* Hagen *in* Selys, 1862

*cooki* Daigle & Tennessen, 2000  
*cyane* Machado & de Souza, 2014  
*demarmelsi* Stand-Pérez, Bota-Sierra & Pérez-Gutiérrez, 2019  
*denisye* Vilela, Koroiva & Guillermo-Ferreira, 2019  
*dorsale* Selys, 1862  
*eboratum* Donnelly, 1965  
*erythrogastrum* Selys, 1886  
*flavidorsum* Calvert, 1909  
     syn *speciosum* Sjöstedt, 1918  
*flavovittatum* Selys, 1862  
*freddiemercuryi* Lencioni, 2013  
*gracile* Machado, 2006  
*ictericum* Williamson, 1919  
*icterops* Selys, 1862  
     syn *?romani* Sjöstedt, 1918  
*inca* Calvert, 1909  
*johndeaconi* Lencioni, 2013  
*luisfelipei* Machado, 2006  
*majus* Selys, 1886  
*makiritare* De Marmels, 2004  
*mantiqueirae* Machado, 2006  
*melanurum* Williamson, 1919  
*mitratum atroterminatum* Donnelly, 1992  
*mitratum mitratum* Williamson, 1919  
*muryense* Costa & Santos, 2000  
*obsoletum* Selys, 1886  
*ochraceum* Hagen *in* Selys, 1862  
*ovatum* Selys, 1862  
*palmichale* Hartung, 2002  
*pemon* De Marmels, 1987  
*peregrinum* Williamson, 1919  
*petiense* Machado, 1988  
*rogertaylori* Lencioni, 2013  
*rubrifulvum* Donnelly, 1992  
*silvarum* Sjöstedt, 1918  
*simulatum* Williamson, 1919  
*thais* Machado, 2015  
*tiradentense* Machado & Bedê, 2006  
*triangulare* Hagen *in* Selys, 1862  
*tricellulare* Calvert, 1901  
*valgum* Donnelly, 1992

### **Heteropodagrion** Selys, 1885

syn *Neuragrion* Karsch, 1891

*croizati* Pérez-Gutiérrez & Montes-Fontalvo, 2011  
*nigrripes* Daigle, 2014  
*sanguinipes* Selys, 1885  
     syn *mysticum* Karsch, 1891 [**Neuragrion**]  
*superbum* Ris, 1918  
*varipes* Daigle, 2014

### **Hypolestes** Gundlach, 1888

syn *Ortholestes* Calvert, 1891

*clara* (Calvert, 1891) [**Ortholestes**]

*hatuey* Torres-Cambas *in* Torres-Cambas, Lorenzo-Carballa, Ferreira & Cordero-Rivera, 2015  
*trinitatis* (Gundlach, 1888) [**Lestes (Hypolestes)**]  
syn *abbotti* Calvert, 1894 [**Ortholestes**]

### **Megapodagrion** Selys, 1885

syn *Podagrion* Selys, 1862 (preoccupied name)

*megalopus* (Selys, 1862) [**Podagrion**]  
syn *arachne* Rácenis, 1959

### **Mesagrion** Selys, 1885

*leucorrhinum* Selys, 1885

### **Oxystigma** Selys, 1862

*caerulans* De Marmels, 1987  
*cyanofrons* Williamson, 1919  
*petiolatum* (Selys, 1862) [**Heteragrion**]  
syn *williamsoni* Geijskes, 1976

### **Paraphlebia** Selys *in* Hagen, 1861

*duodecima* Calvert, 1901  
*hyalina* Brauer, 1871  
*quinta* Calvert, 1901  
syn *abrogata* Calvert, 1907  
*zoe* Selys *in* Hagen, 1861

### **Philogenia** Selys, 1862

syn *Agnophilogenia* Kennedy, 1941

*augusti* Calvert, 1924  
*berenice* Higgins, 1901  
*boliviana* Bick & Bick, 1988  
*buenavista* Bick & Bick, 1988  
*carrillica* Calvert, 1907  
*cassandra* Hagen *in* Selys, 1862  
*championi* Calvert, 1901  
*compressa* Dunkle, 1990  
*crystalina* Calvert, 1924  
*ebona* Dunkle, 1986  
*elisabeta* Calvert, 1924  
*expansa* Calvert, 1924  
*ferox* Rácenis, 1959  
*gaiæ* Vilela, Guillero-Ferreira, Enclada & Cordero-Rivera, 2019  
*helena* Hagen, 1869  
*iquita* Dunkle, 1990  
*lankesteri* Calvert, 1924  
*leonora* Westfall & Cumming, 1956  
*macuma* Dunkle, 1986  
*mangosisa* Bick & Bick, 1988  
syn? *marinasilva* Machado, 2010  
*margarita* Selys, 1862  
syn *terminalis* (*nomen nudum*) Hagen, 1861 [**Euclea**]  
*minteri* Dunkle, 1986  
*monotis* (Kennedy, 1941) [**Agnophilogenia**]  
*nemesioi* Machado, 2013  
*peacocki* Brooks, 1989

*peruviana* Bick & Bick, 1988  
*polyxena* Calvert, 1924  
*raphaella* Selys, 1886  
*redunca* Cook, 1989  
*schmidti* Ris, 1918  
*silvarum* Ris, 1918  
*strigilis* Donnelly, 1989  
*sucra* Dunkle, 1986  
*terraba* Calvert, 1907  
*tinalandia* Bick & Bick, 1988  
*umbrosa* Ris, 1918  
*zeteki* Westfall & Cumming, 1956

### **Sciotropis** Rácenis, 1959

*cyclanthorum* Rácenis, 1959  
*lattkei* De Marmels, 1994

### **Teinopodagrion** De Marmels, 2001

*angulatum* De Marmels, 2001  
*caquetanum* De Marmels, 2001  
*chinchaysuyum* De Marmels, 2001  
*croizati* De Marmels, 2002  
*curtum* (Selys, 1886) [**Megapodagrion**]  
*decipiens* De Marmels, 2001  
*depressum* De Marmels, 2001  
*epidrium* De Marmels, 2001  
*eretes* De Marmels, 2001  
*lepidum* (Rácenis, 1959) [**Megapodagrion**]  
*macropus* (Selys, 1862) [**Podagrion**]  
*mercenarium* (Hagen, 1869) [**Podagrion**]  
*meridionale* De Marmels, 2001  
*muzanum* (Navás, 1934) [**Argia**]  
*nebulosum* (Selys, 1886) [**Megapodagrion**]  
*oscillans* (Selys, 1862) [**Podagrion**]  
*schiesti* De Marmels, 2001  
*setigerum* (Selys, 1886) [**Megapodagrion**]  
*temporale* (Selys, 1862) [**Podagrion**]  
*turikum* De Marmels, 2001  
*vallenatum* De Marmels, 2001  
*venale* (Hagen *in* Selys, 1862) [**Podagrion**]  
*vilorianum* De Marmels, 2001  
*waynu* De Marmels, 2001  
*yunka* De Marmels, 2001

### **Thaumatoneura** McLachlan, 1897

*inopinata* McLachlan, 1897  
syn *pellucida* Calvert, 1904

## **AMPHIPTERYGIDAE** Tillyard, 1917

### **Amphipteryx** Selys, 1853

*agrioides* Selys, 1853  
syn *longicaudata* González-Soriano, 1991  
*chiapensis* González-Soriano, 2010

*jaroli* Jocque & Argueta, 2014  
*meridionale* González-Soriano, 2010  
*nataliae* González-Soriano, 2010

**Rimanella** Needham, 1934

syn *Rima* Needham, 1933 (preoccupied name)

*arcana* (Needham, 1933) [**Rima**]

**CALOPTERYGIDAE** Selys, 1850

**Bryoplathanon** Garrison, 2006

*globifer* (Hagen *in* Selys, 1853) [**Lais**]

**Calopteryx** Leach *in* Brewster, 1815

syn *Agrion* Fabricius, 1775

syn *Sylphis* Hagen *in* Selys, 1853

syn *Anaciagrion* Kennedy, 1920

*aequabilis* Say, 1840

syn *aequabilis californicum* Kennedy, 1917

syn *aequabilis coloradicum* Cockerell, 1913

syn *aequabilis yakima* Hagen, 1889

syn *hudsonica* Hagen, 1877

*amata* Hagen, 1889

*angustipennis* (Selys, 1853) [**Sylphis**]

syn *elegans* Hagen *in* Selys, 1853 [**Sylphis**]

*dimidiata* Burmeister, 1839

syn *apicalis* Burmeister, 1839

syn *cognata* Rambur, 1842

*maculata* (Palisot de Beauvois, 1807) [**Agrion**]

syn *virginica* Westwood *in* Drury, 1837 [**Agrion**]

syn *holosericea* Burmeister, 1839

syn *maculata floridana* Huggins, 1927

syn *materna* Say, 1840

syn *opaca* Say, 1840

syn *papilionacea* Rambur, 1842

**Hetaerina** Hagen *in* Selys, 1853

*amazonica* Sjöstedt, 1918

*americana* (Fabricius, 1798) [**Agrion**]

syn *basalis* Say, 1840 [**Lestes**]

syn *basalis* Hagen *in* Selys, 1859

syn *californica* Hagen *in* Selys, 1859

syn *pseudamericana* Walsh, 1864

syn *scelerata* Walsh, 1864

syn *texana* Walsh, 1864

*auripennis* (Burmeister, 1839) [**Calopteryx**]

syn *divina* Hagen *in* Selys, 1854

syn *purpurea* Selys, 1854

*brightwelli* (Kirby, 1823) [**Agrion**]

*caja caja* (Drury, 1773) [**Libellula**]

syn *hera* (*nomen nudum*) Hagen *in* Selys, 1854

*caja dominula* Hagen *in* Selys, 1853

*capitalis* Selys, 1873

syn ?*maxima* McLachlan, 1879

syn *?smaragdalis* De Marmels, 1985  
 syn *capitalis* var. *colombiana* Navás, 1923  
 syn *crassidens* (*nomen nudum*) De Marmels, 1982  
 syn *tolteca* Calvert, 1901  
**charca** Calvert, 1909  
**cruentata** (Rambur, 1842) [**Calopteryx**]  
 syn *brasiliensis* Selys, 1853  
 syn *lineata* Hagen in Selys, 1853  
 syn *luteola* Rambur, 1842 [**Calopteryx**]  
**curvicauda** Garrison, 1990  
**duplex** Selys, 1869  
 syn *aurora* Ris, 1918  
**dutati** Machado, 2017  
**erythrokalamus** Garrison, 1990  
**flavipennis** Garrison, 1990  
**fuscoguttata** Selys, 1879  
**gallardi** Machet, 1989  
**indepressa** Garrison, 1990  
**infecta** Calvert, 1901  
**laesa** Hagen in Selys, 1853  
 syn *klugi* Schmidt, 1942  
 syn *papavarina* Fraser, 1946  
**longipes** Hagen in Selys, 1853  
 syn *carnifex* Hagen in Selys, 1853  
 syn *carnifex* race *fulgens* Selys, 1853  
 syn *hebe* Selys, 1853  
 syn *sanguinolenta* Hagen in Selys, 1853  
**majuscula** Selys, 1853  
**medinai** Rácenis, 1968  
**mendezi** Jurzitza, 1982  
**miniata** Selys, 1879  
**moribunda** Hagen in Selys, 1853  
**mortua** Hagen in Selys, 1853  
**occisa** Hagen in Selys, 1853  
 syn *heterosticta* Selys, 1854  
 syn *macropus* Selys, 1853  
 syn *occisa* race *albistigma* Hagen in Selys, 1853  
 syn *occisa* var. *asticta* Selys, 1873  
 syn *occisa* var. *sublimbata* Selys, 1873  
**pilula** Calvert, 1901  
**proxima** Selys, 1853  
 syn *bogotensis* (*nomen nudum*) Förster, 1914  
**rosea** Selys, 1853  
 syn *donna* Selys, 1873  
**rudis** Calvert, 1901  
**sanguinea** Selys, 1853  
**sempronia** Hagen in Selys, 1853  
**simplex** Selys, 1853  
 syn *perplex* Selys, 1869  
**titia** (Drury, 1773) [**Libellula**]  
 syn *rupinsulensis* Walsh, 1862  
 syn *rupamnensis* Walsh, 1864  
 syn *septentrionalis* Selys, 1853  
 syn *titia* race? *bipartita* Selys, 1873  
 syn *tricolor* Burmeister, 1839 [**Calopteryx**]

syn *tricolor* race *limbata* Selys, 1853  
*vulnerata* Hagen in Selys, 1853  
*westfalli* Rácenis, 1968

### **Iridictyon** Needham & Fisher, 1940

*myersi* Needham & Fisher, 1940  
*trebbau* Rácenis, 1968

### **Mnesarete** Cowley, 1934

syn *Lais* Hagen in Selys, 1853 (preoccupied name)

*aenea* (Selys, 1853) [**Lais**]  
*astrape* De Marmels, 1989  
*borchgravi* (Selys, 1869) [**Hetaerina**]  
*cupraea* (Selys, 1853) [**Lais**]  
syn *scintilla* Rácenis, 1968  
*devillei* (Selys, 1880) [**Lais**]  
*drepane* Garrison, 2006  
*ephippium* Garrison, 2006  
*fulgida* (Selys, 1879) [**Lais**]  
*fuscibasis* (Calvert, 1909) [**Hetaerina**]  
*grisea* (Ris, 1918) [**Lais**]  
*guttifera* (Selys, 1873) [**Lais**]  
*hauxwelli* (Selys, 1869) [**Lais**]  
*hyalina* (Hagen in Selys, 1853) [**Lais**]  
*lencionii* Garrison, 2006  
*loutoni* Garrison, 2006  
*machadoi* Garrison, 2006  
*marginata* (Selys, 1879) [**Lais**]  
*mariana* Machado, 1996  
*metallica* (Selys, 1869) [**Lais**]  
syn *hincksi* Fraser, 1946  
*pruinosa* (Hagen in Selys, 1853) [**Lais**]  
*pudica phryne* Costa, 1986  
*pudica pudica* (Hagen in Selys, 1853) [**Lais**]  
*rhopalon* Garrison, 2006  
*smaragdina* (Selys, 1869) [**Lais**]  
*williamsoni* Garrison, 2006

### **Ormenophlebia** Garrison, 2006

*imperatrix* (McLachlan, 1878) [**Lais**]  
*regina* (Ris, 1918) [**Lais**]  
*rollinati* (Martin, 1897) [**Lais**]  
*saltuum* (Ris, 1918) [**Lais**]

## **POLYTHORIDAE** Munz, 1919

### **Chalcopteryx** Selys, 1853

*machadoi* Costa, 2005  
*radians* Ris, 1914  
*rutilans* (Rambur, 1842) [**Rhinocypha**]  
syn subsp. *confluens* Schmidt, 1942  
*scintillans* McLachlan, 1870  
*seabrai* Santos & Machado, 1961

### **Chalcothore** De Marmels, 1985



*montgomeryi* (Rácenis, 1968) [**Euthore**]

**Cora** Selys, 1853

syn *Josocora* Kennedy, 1940

syn *Kalocora* Kennedy, 1940

*aurea* Ris, 1918

*chiribiquete* Zloty & Pritchard, 2001

*chirripa chirripa* Calvert, 1907

*chirripa donnellyi* Bick & Bick, 1990

*confusa* Kennedy, 1940

*cyane* Selys, 1853

syn *incana* Hagen *in* Selys, 1869

*dorada* Bick & Bick, 1991

*dualis* McLachlan, 1878

*inca* Selys, 1873

syn *brasilensis* Montgomery, 1967

*irene* Ris, 1918

*jocosa* McLachlan, 1881

*klenei* Karsch, 1891

*lugubris* Navás, 1934

*marina* Selys, 1868

syn *alcyone* Selys, 1873

*modesta* Selys, 1869

syn *bogotensis* Förster, 1914

*munda* McLachlan, 1878

*notoxantha* Ris, 1918

*obscura* Ris, 1918

*parda* Bick & Bick, 1991

*semiopaca* Selys, 1879

*skinneri* Calvert, 1907

*subfumata* (*nomen dubium*) Förster, 1914

*terminalis* McLachlan, 1878

*verapax* Bota-Sierra, Sánchez-Herrera & Palacino-Rodríguez, 2018

*xanthostoma* Ris, 1918

**Euthore** Selys, 1869

*fasciata fasciata* (Hagen *in* Selys, 1853) [**Thore**]

*fasciata plagiata* Selys, 1873

*fassli* Ris, 1914

*fastigiata fastigiata* (Selys, 1859) [**Thore**]

*fastigiata meridana* Selys, 1879

*hyalina* (Selys, 1853) [**Thore**]

*inlactea* Calvert, 1909

*leronii* Ris, 1918

*mirabilis* McLachlan, 1878

**Miocora** Calvert, 1917

*pellucida* Kennedy, 1940

*peraltica* Calvert, 1917

syn *subapicalis* Kennedy, 1940

**Polythore** Calvert, 1917

syn *Thore* Selys, 1853 (preoccupied name)

*aurora* (Selys, 1879) [**Thore**]

*batesi* (Selys, 1869) [**Thore**]

*beata* (McLachlan, 1869) [**Thore**]  
 syn race? *inaequalis* Selys, 1869 [**Thore**]  
*boliviana* (McLachlan, 1878) [**Thore**]  
*concinna* (McLachlan, 1881) [**Thore**]  
 syn *pulchella* (Kirby, 1889) [**Sapho**]  
*derivata* (McLachlan, 1881) [**Thore**]  
 syn *derivata* race *adjuncta* Fraser, 1946  
 syn *derivata* race *ambigua* Fraser, 1946  
 syn *derivata* race *originata* Fraser, 1946  
*gigantea* (Selys, 1853) [**Thore**]  
*koepcke* Börzsöny, 2013  
*lamerceda* Bick & Bick, 1985  
*manua* Bick & Bick, 1990  
*mutata* (McLachlan, 1881) [**Thore**]  
*neopicta* Bick & Bick, 1990  
*ornata* (Selys, 1879) [**Thore**]  
 syn *montana* Förster, 1914 [**Thore**]  
 syn *pozuzina* Förster, 1914 [**Thore**]  
*picta* (Rambur, 1842) [**Euphaea**]  
 syn race *picturata* Selys, 1873 [**Thore**]  
 syn *saundersii* Selys, 1853 [**Thore**]  
*procera* (Selys, 1869) [**Thore**]  
*spaeteri* Burmeister & Börzsöny, 2003  
*terminata* Fraser, 1946  
*victoria* (McLachlan, 1869) [**Thore**]  
*vittata* (Selys, 1869) [**Thore**]  
 syn *acostai* Navás, 1924 [**Thore**]  
 syn *albovittata* Selys, 1873 [**Thore**]  
 syn race? *aequatorialis* Selys, 1873 [**Thore**]  
 syn *tincta* Navás, 1924 [**Thore**]  
*williamsoni* (Förster, 1903) [**Thore**]

**Stenocora** Kennedy, 1940

*percornuta* Kennedy, 1940

Suborder: ANISOPTERA Selys, 1854

**AUSTROPETALIIDAE** Carle & Louton, 1994

**Hypopetalia** McLachlan, 1870

*pestilens* McLachlan, 1870

**Phyllopetalia** Selys, 1858

syn *Rheopetalia* Carle, 1996  
 syn *Odontopetalia* Carle, 1996  
 syn *Eurypetalia* Carle, 1996  
 syn *Ophiopetalia* Carle, 1996

*altarensis* (Carle, 1996) [**Eurypetalia**]  
*apicalis* Selys, 1858  
 syn *decorata* McLachlan in Selys 1878  
 syn *rex* Carle, 1996 [**Rheopetalia**]  
*apollo* Selys, 1878  
*excrescens* Carle, 1996 [**Eurypetalia**]

*pudu* Dunkle, 1985  
syn *araucana* Carle, 1996 [**Ophiopetalia**]  
syn *auregaster* Carle, 1996 [**Ophiopetalia**]  
syn *diana* Carle, 1996 [**Ophiopetalia**]  
*stictica* Hagen in Selys, 1858

#### **AESHNIDAE Leach in Brewster, 1815**

##### **Aeshna Fabricius, 1775**

syn *Secundaeschna* Götz, 1923  
*canadensis* Walker, 1908  
syn *maritimus* (*nomen oblitum*) Provancher, 1895 [**Anax**]  
*clepsydra* Say, 1840  
*constricta* Say, 1840  
*eremita* Scudder, 1866  
syn *hudsonica* Selys, 1875  
*interrupta interna* Walker, 1908  
*interrupta interrupta* Walker, 1908  
syn *propinqua* Scudder, 1866 [in part]  
*interrupta lineata* Walker, 1908  
syn *interrupta nevadensis* Walker, 1908  
*juncea* (Linnaeus, 1758) [**Libellula**]  
syn *juncea americana* Barteneff, 1929  
syn *propinqua* Scudder, 1866 [in part]  
*palmata* Hagen, 1856  
syn *arida* Kennedy, 1918  
*persephone* Donnelly, 1961  
*septentrionalis* Burmeister, 1839  
*sitchensis* Hagen, 1861  
*subarctica subarctica* Walker, 1908  
*tuberculifera* Walker, 1908  
*umbrosa occidentalis* Walker, 1912  
*umbrosa umbrosa* Walker, 1908  
*verticalis* Hagen, 1861  
syn *propinqua* Scudder, 1866 [in part]  
*walkeri* Kennedy, 1917  
*williamsoniana* Calvert, 1905

##### **Allopetalia Selys, 1873**

*pustulosa* Selys, 1873  
*reticulosa* Selys, 1873  
syn *striatus* Kirby, 1899 [**Anax**]

##### **Anax Leach in Brewster, 1815**

syn *Cyrtosoma* Burmeister, 1839  
*amazili* (Burmeister, 1839) [**Aeschna**]  
syn *maculatus* Rambur, 1842  
*concolor* Brauer, 1865  
*ephippiger* (Burmeister, 1839) [**Aeschna**]  
syn *mediterranea* Selys, 1839 [**Aeshna (Anax)**]  
syn *senegalensis* Rambur, 1842  
*junius* (Drury, 1773) [**Libellula**]  
syn *spiniferus* Rambur, 1842  
*longipes* Hagen, 1861

*walsinghami* McLachlan, 1883  
syn *validus* (*nomen nudum*) Hagen, 1877

### **Andaeschna** De Marmels, 1994

*andresi* (Rácenis, 1958) [**Aeshna**]  
*occidentalis* Bota-Sierra in Bota-Sierra, Sandoval- Hernández, Palacino-Rodríguez, 2019  
*rufipes* (Ris, 1918) [**Aeschna**]  
*tímotocuica* De Marmels, 1994  
*unicolor* (Martin, 1908) [**Aeschna**]

### **Basiaeschna** Selys, 1883

*janata* (Say, 1840) [**Aeshna**]  
syn *minor* Rambur, 1842 [**Aeschna**]

### **Boyeria** McLachlan, 1896

syn *Fonscolombia* Selys, 1883  
*grafiana* Williamson, 1907  
*vinosa* (Say, 1840) [**Aeshna**]  
syn *quadriguttata* Burmeister, 1839 [**Aeschna**]

### **Castoraeschna** Calvert, 1952

*castor* (Brauer, 1865) [**Aeschna**]  
*colorata* (Martin, 1908) [**Aeschna**]  
*corbeti* Carvalho, Pinto & Ferreira, 2009  
*coronata* (Ris, 1918) [**Coryphaeschna**]  
*decurvata* Dunkle & Cook, 1984  
*januaria* (Hagen, 1867) [**Aeschna**]  
*longfieldae* (Kimmins, 1929) [**Coryphaeschna**]  
*margarethae* Jurzitza, 1979  
*tepuica* De Marmels, 1989

### **Coryphaeschna** Williamson, 1903

*adnexa* (Hagen, 1861) [**Aeschna**]  
syn *cyanifrons* (*nomen nudum*) Hagen, 1861 [**Aeschna**]  
syn *guyanensis* Machet, 1991  
syn *macromia* Brauer, 1865 [**Aeschna**]  
*amazonica* De Marmels, 1989  
*apeora* Paulson, 1994  
*diapyra* Paulson, 1994  
*huaorania* Tennessen, 2001  
*ingens* (Rambur, 1842) [**Aeschna**]  
syn *abboti* Hagen, 1863 [**Aeschna**]  
*perrensi* (McLachlan, 1887) [**Aeschna**]  
syn *rufina* (*nomen nudum*) Hagen, 1877 [**Aeschna**]  
*viriditas* Calvert, 1952  
syn *virens* Rambur (*nec* Charpentier 1840), 1842 [**Aeschna**]

### **Epiaeschna** Hagen, 1877

*heros* (Fabricius, 1798) [**Aeshna**]  
syn *multicincta* Say, 1840 [**Aeshna**]

### **Gomphaeschna** Selys, 1871

*antilope* (Hagen, 1874) [**Aeschna**]

*furcillata* (Say, 1840) [**Aeshna**]  
syn *quadrifida* Rambur, 1842 [**Gynacantha**]

### **Gynacantha** Rambur, 1842

syn *Acanthagyna* Kirby, 1890  
syn *Selysiophlebia* Förster, 1905  
syn *Subaeschna* Martin, 1908

*adela* Martin, 1909  
syn *martini* Navás, 1911  
*auricularis* Martin, 1909  
*bartai* Paulson & von Ellenrieder, 2005  
*bifida* Rambur, 1842  
syn *robusta* Kolbe, 1888  
*caudata* Karsch, 1891  
*chelifera* McLachlan, 1895  
syn *aratrix* Förster, 1905 [**Selysiophlebia**]  
*convergens* Förster, 1908  
syn *limai* Navás, 1916  
*croceipennis* Martin, 1897  
*ereagris* Gundlach, 1888  
*francesca* (Martin, 1909) [**Subaeschna**]  
*gracilis* (Burmeister, 1839) [**Aeschna**]  
*helenga* Williamson & Williamson, 1930  
*interioris* Williamson, 1923  
*jessei* Williamson, 1923  
*klagesi* Williamson, 1923  
*laticeps* Williamson, 1923  
*litoralis* Williamson, 1923  
*membranalis* Karsch, 1891  
syn *jubilarens* Navás, 1915  
*mexicana* Selys, 1868  
*nervosa* Rambur, 1842  
*remartinia* Navás, 1934  
*tenuis* Martin, 1909  
*tibiata* Karsch, 1891  
*vargasi* Haber, 2019

### **Limnetron** Förster, 1907

*antarcticum* Förster, 1907  
?syn *viridivittatum* Fraser, 1947 [**Aeshna**]  
*debile* (Karsch, 1891) [**Epiaeschna**]

### **Nasiaeschna** Selys in Förster, 1900

*pentacantha* (Rambur, 1842) [**Aeschna**]

### **Neuraeschna** Hagen, 1867

*calverti* Kimmins, 1951  
*capillata* Machet, 1990  
*claviforcipata* Martin, 1909  
*clavulata* Machet, 1990  
*cornuta* Belle, 1989  
*costalis* (Burmeister, 1839) [**Aeschna**]  
syn *ferox* Erichson in Schomburgk, 1848 [**Gynacantha**]  
syn var. *hyalinata* Belle, 1989

syn var. *marginata* Belle 1989  
*dentigera* Martin, 1909  
syn *inarmata* Kimmins, 1951  
*harpya* Martin, 1909  
*maxima* Belle, 1989  
*maya* Belle, 1989  
*mayoruna* Belle, 1989  
*mina* Williamson & Williamson, 1930  
*producta* Kimmins, 1933  
*tapajonica* Machado, 2002  
*titania* Belle, 1989

### **Oplonaeschna** Selys, 1883

syn *Hoplonaeschna* Karsch, 1891

*armata* (Hagen, 1861) [**Aeschna**]  
syn var. *polernista* Navás, 1917  
*magna* González-Soriano & Novelo-Gutiérrez, 1998

### **Racenaeschna** Calvert, 1958

*angustistrigis* Calvert, 1958

### **Remartinia** Navás, 1911

*luteipennis florida* (Hagen, 1861) [**Aeschna**]  
*luteipennis luteipennis* (Burmeister, 1839) [**Aeschna**]  
syn *barbiellina* Navás, 1911  
syn *excisa* Brauer, 1865 [**Aeschna**]  
*luteipennis peninsularis* (Calvert, 1941) [**Aeshna (Coryphaeschna)**]  
*restricta* Carvalho, 1992  
*rufipennis* (Kennedy, 1941) [**Aeshna**]  
*secreta* (Calvert, 1952) [**Coryphaeschna**]

### **Rhionaeschna** Förster, 1909

syn *Neureclipta* Navás, 1911

*absoluta* (Calvert, 1952) [**Aeshna**]  
*biliosa* (Kennedy, 1938) [**Aeshna**]  
*bonariensis* (Rambur, 1842) [**Aeschna**]  
syn *litigatrix* Navás, 1911 [**Aeschna**]  
syn var. *lutea* Navás, 1920 [**Aeshna**]  
*brasiliensis* (von Ellenrieder & Costa, 2002) [**Aeshna**]  
*brevicercia* (Muzón & von Ellenrieder, 2001) [**Aeshna**]  
*brevifrons* (Hagen, 1861) [**Aeschna**]  
syn *maita* Förster, 1909  
*californica* (Calvert, 1895) [**Aeschna**]  
*caligo* Bota-Sierra, 2014  
*condor* (De Marmels, 2001) [**Aeshna**]  
*confusa* (Rambur, 1842) [**Aeschna**]  
*cornigera* (Brauer, 1865) [**Aeschna**]  
*decessus* (Calvert, 1953) [**Aeshna**]  
*demarmelsi* von Ellenrieder, 2003  
*diffinis* (Rambur, 1842) [**Aeschna**]  
*draco* (Rácenis, 1958) [**Aeshna**]  
*dugesii* (Calvert, 1905) [**Aeshna**]  
*eduardoi* (Machado, 1984) [**Aeshna**]  
*elsia* (Calvert, 1952) [**Aeshna**]

*fissifrons* (Muzón & von Ellenrieder, 2001) [**Aeshna**]  
*galapagoensis* (Currie, 1901) [**Aeschna**]  
*haarupi* (Ris, 1908) [**Aeshna**]  
*intricata* (Martin, 1908) [**Aeschna**]  
*itatiaia* (Carvalho & Salgado, 2004) [**Aeshna**]  
*jalapensis* (Williamson, 1908) [**Aeshna**]  
*joannisi* (Martin, 1897) [**Aeschna**]  
*manni* (Williamson & Williamson, 1930) [**Aeshna**]  
*marchali* (Rambur, 1842) [**Aeschna**]  
*multicolor* (Hagen, 1861) [**Aeschna**]  
     syn *furcifera* (Karsch, 1891) [**Aeschna**]  
*mutata* (Hagen, 1861) [**Aeschna**]  
*nubigena* (De Marmels, 1989) [**Aeshna**]  
*obscura* (Muzón & von Ellenrieder, 2001) [**Aeshna**]  
*pallipes* (Fraser, 1947) [**Aeshna**]  
*pauloi* (Machado 1994) [**Aeshna**]  
*peralta* (Ris, 1918) [**Aeschna**]  
*planaltica* (Calvert, 1952) [**Aeshna**]  
*psilus* (Calvert, 1947) [**Aeshna**]  
     syn ?*dominicana* (*nomen nudum*) Hagen, 1861 [**Aeschna**]  
*punctata* (Martin, 1908) [**Aeschna**]  
     syn *depravata* (*nomen nudum*) Hagen, 1861 [**Aeschna**]  
     syn *lobata* (*nomen nudum*) Hagen, 1861 [**Aeschna**]  
*serrana* (Carvalho & Salgado, 2004) [**Aeshna**]  
*tinti* (von Ellenrieder, 2000) [**Aeshna**]  
*variegata* (Fabricius, 1775) [**Aeshna**]  
     syn *diffinis* var. *risi* Enderlein, 1912 [**Aeschna**]  
*vazquezae* (González, 1986) [**Aeshna**]  
*vigintipunctata* (Ris, 1918) [**Aeschna**]

### **Staurophlebia** Brauer, 1865

*auca* Kennedy, 1937  
*bosqi* Navás, 1927  
*gigantula* Martin, 1909  
*reticulata guatemalteca* Walker, 1915  
*reticulata obscura* Walker, 1915  
*reticulata reticulata* (Burmeister, 1839) [**Aeschna**]  
     syn ?*platyura* Navás, 1920  
     syn *gigas* Rambur, 1842 [**Aeschna**]  
     syn *magnifica* Brauer, 1865  
*wayana* Geijskes, 1959

### **Triacanthagyna** Selys, 1883

*caribbea* Williamson, 1923  
*dentata* (Geijskes, 1943) [**Coryphaeschna**]  
*ditzleri* Williamson, 1923  
*nympha* (Navás, 1933) [**Gynacantha**]  
*obscuripennis* (Blanchard, 1845) [**Aeschna**]  
*satyrus* (Martin, 1909) [**Gynacantha**]  
*septima* (Selys *in* Sagra, 1857) [**Gynacantha**]  
*trifida* (Rambur, 1842) [**Gynacantha**]  
     syn *needhami* Martin, 1909  
*williamsoni* von Ellenrieder & Garrison, 2003

**PETALURIDAE Needham, 1903**

**Phenes Rambur, 1842**

*raptor centralis* Jurzitza, 1989

*raptor raptor* Rambur, 1842

**Tachopteryx Uhler in Selys, 1859**

*thoreyi* (Hagen in Selys, 1858) [**Uropetala**]

**Tanypteryx Kennedy, 1917**

*hageni* (Selys, 1879) [**Tachopteryx**]

**GOMPHIDAE Rambur, 1842**

**Agriogomphus Selys, 1869**

syn *Ischnogomphus* Williamson, 1918

*ericae* (Belle, 1966) [**Ischnogomphus**]

*jessei* (Williamson, 1918) [**Ischnogomphus**]

*sylvicola* Selys, 1869

syn *aquicola* Fraser, 1943

*tumens* (Calvert, 1905) [**Cyanogomphus(?)**]

**Aphylla Selys, 1854**

*alia* Calvert, 1948

*angustifolia* Garrison, 1986

*barbata* Belle, 1994

*boliviana* Belle, 1972

*brasiliensis* Belle, 1970

*brevipes* Selys, 1854

syn *albinensis* Belle, 1970

*caraiba* Selys, 1854

syn *cubana* Navás, 1917 [**Cyclophylla**]

*caudalis* Belle, 1987

*dentata* Selys, 1859

syn *simulata* Belle, 1964

*distinguenda* Champion, 1920 [**Gomphoides**]

*edentata* Selys, 1869

*exilis* Belle, 1994

*janirae* Belle, 1994

*linea* Belle, 1994

*molossus* Selys, 1869

*producta* Selys, 1854

syn ?*curvata* Navás, 1933 [**Gomphoides**]

*protracta* (Hagen in Selys, 1859) [**Cyclophylla**]

syn *ambigua* Selys, 1873 [**Gomphoides**]

*robusta* Belle, 1976

*scapula* Belle, 1992

*silvatica* Belle, 1992

*spinula* Belle, 1992

*tenuis* Selys, 1859

syn *elegans* Belle, 1970

syn *obscura* Kirby, 1899 [**Cyclophylla**]

*theodorina* (Navás, 1933) [**Gomphoides**]

*williamsoni* (Gloyd, 1936) [**Gomphoides**]



**Archaeogomphus** Williamson, 1919

syn *Austroarchaeogomphus* Carle, 1986

*densus* Belle, 1982

*furcatus* Williamson, 1923

*globulus* Belle, 1994

*hamatus* (Williamson, 1918) [**Agriogomphus**]

*infans* (Ris, 1913) [**Agriogomphus**]

*nanus* Needham, 1944

*vanbrinkae* Machado, 1994

**Arigomphus** Needham, 1897

syn *Orcus* Needham, 1897

*cornutus* (Tough, 1900) [**Gomphus**]

syn *whedoni* Muttkowski, 1913 [**Gomphus**]

*furcifer* (Hagen *in* Selys, 1878) [**Gomphus**]

*lentulus* (Needham, 1902) [**Gomphus**]

syn *subapicalis* Williamson, 1914 [**Gomphus**]

*maxwelli* (Ferguson, 1950) [**Gomphus**]

*pallidus* (Rambur, 1842) [**Gomphus**]

syn *pilipes* Hagen *in* Selys, 1858 [**Gomphus**]

*submedianus* (Williamson, 1914) [**Gomphus**]

*villosipes* (Selys, 1854) [**Gomphus**]

**Brasiliogomphus** Belle, 1995

*uniseriis* Belle, 1995

**Cacoides** Cowley, 1934

syn *Cacus* Selys, 1854

*latro* (Erichson *in* Schomburgk, 1848) [**Ictinus**]

**Cyanogomphus** Selys, 1873

*angelomachadoi* Pinto & De Almeida, 2016

*comparabilis* Belle, 1994

*waltheri* Selys, 1873

**Desmogomphus** Williamson, 1920

*anchicayensis* Amaya & Novelo-Gutiérrez, 2012

*paucinervis* (Selys, 1873) [**Progomphus?**]

*tigrivensis* Williamson, 1920

syn *nitida* Belle, 1995 [**Anomalophlebia**]

**Diaphlebia** Selys, 1854

*angustipennis* Selys, 1854

syn *rokitanskyi* St. Quentin, 1973 [**Zonophora**]

syn *semilibera* Selys, 1869

*nexans* Calvert, 1903

*richteri* Bota-Sierra *in* Bota-Sierra, Moreno-Arias & Faasen, 2015

**Ebegomphus** Needham, 1944

syn *Strumagomphus* Needham, 1944

*conchinus* (Williamson, 1916) [**Cyanogomphus**]

*demerarae* (Selys, 1894) [**Cyanogomphus?**]

syn *strumens* Needham, 1944  
*minutus* (Belle, 1970) [Cyanogomphus]  
*pumilus* (Belle, 1986) [Cyanogomphus]  
*schroederi* (Belle, 1970) [Cyanogomphus]

### **Epigomphus** Hagen *in* Selys, 1854

syn *Eugomphus* Kenedy, 1946

*armatus* Ris, 1918  
*camelus* Calvert, 1905  
*bosquenuboso* Haber, 2017  
*clavatus* Belle, 1980  
*compactus* Belle, 1994  
*corniculatus* Belle, 1989  
*crepidus* Kennedy, 1936  
*donnelyi* González-Soriano & Cook, 1988  
*echeverrii* Brooks, 1989  
*flinti* Donnelly, 1989  
*gibberosus* Belle, 1988  
*houghtoni* Brooks, 1989  
*hylaesus* Ris, 1918  
syn *gracilis* Belle, 1970  
*jannyae* Belle, 1993  
*llama* Calvert, 1903  
*maya* Donnelly, 1989  
*morrisoni* Haber, 2017  
*obtusus* Selys, 1869  
*occipitalis* Belle, 1970  
*paludosus* Hagen *in* Selys, 1854  
*paulsoni* Belle, 1981  
*pechumani* Belle, 1970  
*quadracies* Calvert, 1903  
*subobtusus* Selys, 1878  
*subquadrices* Kennedy, 1946  
*subsimilis* Calvert, 1920  
*sulcatistyla* Donnelly, 1989  
*tumefactus* Calvert, 1903  
*verticicornis* Calvert, 1908  
*wagneri* Haber, 2017  
*westfalli* Donnelly, 1986

### **Erpetogomphus** Hagen *in* Selys, 1858

syn *Herpetogomphus* Walsh, 1862

syn *Calogomphus* Carle, 1992

syn *Erpetocyclops* Carle, 1992

*agkistrodon* Garrison, 1994  
*boa* Selys, 1859  
*bothrops* Garrison, 1994  
*compositus* Hagen *in* Selys, 1858  
syn *coluber* Williamson & Williamson, 1930  
*constrictor* Ris, 1918  
*cophias* Selys, 1858  
*crotalinus* (Hagen *in* Selys, 1854) [Ophiogomphus]  
*designatus* Hagen *in* Selys, 1858  
*elaphe* Garrison, 1994

*elaps* Selys, 1858  
*erici* Novelo-Gutiérrez *in* Novelo-Gutiérrez & Garrison, 1999  
*eutainia* Calvert, 1905  
syn *diadophis* Calvert, 1905  
*heterodon* Garrison, 1994  
*lampropeltis lampropeltis* Kennedy, 1918  
*lampropeltis natrix* Williamson & Williamson, 1930  
*leptophis* Garrison, 1994  
*liopeltis* Garrison, 1994  
*molossus* Bailowitz, Danforth & Upson, 2013  
*ophibolus* Calvert, 1905  
*oxybelis* Ortega-Salas, 2018  
*sabaleticus* Williamson, 1918  
*schausi* Calvert, 1919  
*sipedon* Calvert, 1905  
*tristani* Calvert, 1912  
*viperinus* Selys, 1868

### **Gomphoides Selys, 1854**

syn *Negomphoides* Muttkowski, 1910  
syn *Ammogomphus* Förster, 1914

*infumata* (Rambur, 1842) [**Diastomma**]  
*perdita* (Förster, 1914) [**Ammogomphus**]  
*praevia* St. Quentin, 1967

### **Gomphurus Needham *in* Needham & Betten, 1901**

*crassus* (Hagen *in* Selys, 1878) [**Gomphus**]  
syn *walshii* Kellicott, 1899 [**Gomphus**]  
*dilatatus* Rambur, 1842 [**Gomphus**]  
*externus* Hagen *in* Selys, 1858 [**Gomphus**]  
syn *consobrinus* Walsh, 1864 [**Gomphus**]  
*fraternus fraternus* (Say, 1840) [**Aeshna**]  
*fraternus manitobanus* Walker, 1958 [**Gomphus**]  
*gonzalezi* Dunkle, 1992 [**Gomphus (Gomphurus)**]  
*hybridus* Williamson, 1902 [**Gomphus**]  
*lineatifrons* Calvert, 1921 [**Gomphus**]  
*lynnae* Paulson, 1983 [**Gomphus (Gomphurus)**]  
*modestus* Needham, 1942 [**Gomphus (Gomphurus)**]  
*ozarkensis* Westfall, 1975 [**Gomphus**]  
*septima delawarensis* Donnelly & Carle, 2000 [**Gomphus**]  
*septima septima* Westfall, 1956 [**Gomphus**]  
syn *secundus* Steinmann, 1997 [**Gomphurus**]  
*vastus* Walsh, 1862 [**Gomphus**]  
*ventricosus* Walsh, 1864 [**Gomphus**]

### **Dromogomphus Selys, 1854**

*armatus* Selys, 1854  
*spinosus* Selys, 1854  
*spoliatus* (Hagen *in* Selys, 1858)

### **Hagenius Selys, 1854**

*brevistylus* Selys, 1854

### **Hylogomphus Needham, Westfall & May, 2000**

*abbreviatus* Hagen *in* Selys, 1878 [**Gomphus**]  
*adelphus* Hagen *in* Selys, 1858 [**Gomphus**]  
syn *brevis* Hagen *in* Selys, 1878 [**Gomphus**]  
*apomyius* Donnelly, 1966 [**Gomphus**]  
*geminatus* Carle, 1979 [**Gomphus (Hylogomphus)**]  
*parvidens* Currie, 1917 [**Gomphus**]  
syn *carolinus* Carle, 1979 [**Gomphus (Hylogomphus)**]  
*viridifrons* Hine, 1901 [**Gomphus**]

### **Idiogomphoides** Belle, 1984

*demoulini* (St. Quentin, 1967) [**Gomphoides**]  
*emmeli* Belle, 1995  
*ictinia* (Selys, 1878) [**Gomphoides**]

### **Lanthus** Needham, 1897

*parvulus* (Selys, 1854) [**Gomphus**]  
*vernalis* Carle, 1980

### **Melanocacus** Belle, 1986

*interioris* Belle, 1986  
*mungo* (Needham, 1940) [**Cacus**]

### **Neogomphus** Selys, 1858

*bidens* Selys, 1878  
*edenticulatus* Carle & Cook, 1984  
*molestus* (Hagen *in* Selys, 1854) [**Hemigomphus**]

### **Octogomphus** Selys, 1873

*specularis* (Hagen *in* Selys, 1859) [**Neogomphus?**]

### **Ophiogomphus** Selys, 1854

syn *Ohionuroides* Carle, 1986  
syn *Ohionurus* Carle, 1986  
*acuminatus* Carle, 1981  
syn *bouchardi* Louton, 1982  
*anomalus* Harvey, 1898  
*arizonicus* Kennedy, 1917  
*aspersus* Morse, 1895  
*australis* Carle, 1992  
*bison* Selys, 1873  
syn *sequoiarum* Butler, 1914  
*carolus* Needham, 1897  
*colubrinus* Selys, 1854  
*edmundo* Needham, 1951  
*howei* Bromley, 1924  
*incurvatus alleghaniensis* Carle, 1982  
*incurvatus incurvatus* Carle, 1982  
*mainensis fastigiatus* Donnelly, 1987  
*mainensis mainensis* Packard *in* Walsh, 1864  
syn *johannus* Needham, 1897  
*morrisoni* Selys, 1879  
syn *morrisoni nevadensis* Kennedy, 1917  
*occidentis* Hagen, 1885

*syn occidentis californicus* Kennedy, 1917  
*syn phaleratus* Needham, 1902  
*purepecha* González-Soriano & Villeda, 2000  
*rupinsulensis* (Walsh, 1862) [**Herpetogomphus**]  
*syn carolinus* Hagen, 1885  
*syn pictus* Needham, 1897 [**Herpetogomphus**]  
*severus montanus* Selys, 1878  
*severus severus* Hagen *in* Hayden, 1874  
*smithi* Tennessen & Vogt, 2004  
*susbehcha* Vogt & Smith, 1993  
*westfalli* Cook & Daigle, 1985

### **Perigomphus Belle, 1972**

*angularis* Tennessen, 2011  
*basicornis* Amaya-Vallejo, Novelo-Gutiérrez & Realpe 2017  
*pallidistylus* (Belle, 1972) [**Diaphlebia (Perigomphus)**]

### **Peruviogomphus Klots, 1944**

*bellei* Machado, 2005  
*moyobambus* Klots, 1944  
*pearsoni* Belle, 1979

### **Phanogomphus Carle & Cook, 1984**

*australis* (Needham, 1897) [**Arigomphus**]  
*borealis* Needham *in* Needham & Betten, 1901 [**Gomphus**]  
*cavillaris* Needham, 1902 [**Gomphus**]  
*syn brimleyi* Muttkowski, 1911 [**Gomphus**]  
*descriptus* Banks, 1896 [**Gomphus**]  
*syn argus* Needham, 1943 [**Gomphus**]  
*syn mortimer* Needham, 1943 [**Gomphus**]  
*diminutus* Needham, 1950 [**Gomphus**]  
*exilis* Selys, 1854 [**Gomphus**]  
*syn flavocaudatus* Walker, 1940 [**Gomphus**]  
*graslinellus* Walsh, 1862 [**Gomphus**]  
*hodgesi* Needham, 1950 [**Gomphus**]  
*kurilis* Hagen *in* Selys, 1858 [**Gomphus**]  
*syn confraternus* Selys, 1873 [**Gomphus**]  
*syn donneri* Kennedy, 1917 [**Gomphus**]  
*syn sobrinus* Selys, 1873 [**Gomphus**]  
*lividus* Selys, 1854 [**Gomphus**]  
*syn sordidus* Hagen *in* Selys, 1854 [**Gomphus**]  
*syn umbratus* Needham, 1897 [**Gomphus**]  
*militaris* Hagen *in* Selys, 1858 [**Gomphus**]  
*minutus* Rambur, 1842 [**Gomphus**]  
*oklahomensis* Pritchard, 1935 [**Gomphus**]  
*quadricolor* Walsh, 1864 [**Gomphus**]  
*syn alleni* Howe, 1922 [**Gomphus**]  
*sandrius* Tennessen, 1983 [**Gomphus**]  
*spicatus* Hagen *in* Selys, 1854 [**Gomphus**]  
*westfalli* Carle & May, 1987 [**Gomphus (Phanogomphus)**]

### **Phyllocycla Calvert, 1948**

*syn Cyclophylla* Hagen *in* Selys, 1854  
*anduzei* (Needham, 1943) [**Cyclophylla**]

*argentina* (Hagen *in* Selys, 1878) [**Cyclophylla**]  
 syn *eugeniae* Navás, 1927 [**Gomphoides**]  
*armata* Belle, 1977  
*baria* Belle, 1987  
*bartica* Calvert, 1948  
*basidenta* Dunkle, 1987  
*brasilia* Belle, 1988  
*breviphylla* Belle, 1975  
*diphylla* (Selys, 1854) [**Cyclophylla**]  
*elongata* (Selys, 1858) [**Cyclophylla**]  
*foliata* Belle, 1988  
*gladiata* (Hagen *in* Selys, 1854) [**Cyclophylla**]  
*hamata* Belle, 1990  
*hespera* (Calvert, 1909) [**Gomphoides**]  
*malkini* Belle, 1970  
*medusa* Belle, 1988  
*modesta* Belle, 1970  
*murrea* Belle, 1988  
*neotropica* Belle, 1970  
*ophis* (Selys, 1869) [**Cyclophylla**]  
 syn *pachystyla* Needham, 1944 [**Cyclophylla**]  
*pallida* Belle, 1970  
*pegasus* (Selys, 1869) [**Cyclophylla**]  
*propinqua* Belle, 1972  
*signata* (Hagen *in* Selys, 1854) [**Cyclophylla**]  
*sordida* (Selys, 1854) [**Cyclophylla**]  
*speculatrix* Belle, 1975  
*tutschacki* (Schmidt, 1942) [**Gomphoides**]  
*uniforma* Dunkle, 1987  
*vesta* Belle, 1972  
*viridipleuris* (Calvert, 1909) [**Gomphoides**]  
*volsella* (Calvert, 1905) [**Gomphoides**]

### **Phyllogomphoides** Belle, 1970

*aculeus* Belle, 1982  
*albrighti* (Needham, 1950) [**Gomphoides**]  
*andromeda* (Selys, 1869) [**Cyclophylla**]  
*angularis* Belle, 1982  
*annectens* (Selys, 1869) [**Gomphoides?**]  
*apiculatus* Cook & González-Soriano, 1990  
*appendiculatus* (Kirby, 1899) [**Gomphoides**]  
*atlanticus* (Belle, 1970) [**Negomphoides**]  
*audax* (Hagen *in* Selys, 1854) [**Gomphoides**]  
*bifasciatus* (Hagen *in* Selys, 1878) [**Gomphoides**]  
*brunneus* Belle, 1981  
*burgosi* Brooks, 1989  
*calverti* (Kirby, 1897) [**Cyclophylla**]  
*camposi* (Calvert, 1909) [**Gomphoides**]  
*cassiopeia* (Belle, 1975) [**Gomphoides**]  
*cephus* Belle, 1980  
*cornutifrons* (Needham, 1944) [**Aphylla**]  
*cristatus* (Needham, 1944) [**Gomphoides**]  
*danieli* González-Soriano & Novelo-Gutiérrez, 1990  
*duodentatus* Donnelly, 1979  
*enriquei* Torres-Pachón & Novelo-Gutiérrez, 2017

*fuliginosus* (Hagen *in* Selys, 1854) [**Gomphoides**]  
*imperator* Belle, 1976  
*indicatrix* Belle, 1989  
*insignatus* Donnelly, 1979  
*joaquinii* Rodrigues Capítulo, 1992  
*lieftincki* (Belle, 1970) [**Negomphoides**]  
*litoralis* Belle, 1984  
*luisi* González-Soriano & Novelo-Gutiérrez, 1990  
*major* Belle, 1984  
*nayaritensis* Belle, 1987  
*pacificus* (Selys, 1873) [**Gomphoides**]  
*pedunculus* Belle, 1984  
*praedatrix* Belle, 1982  
*pseudangularis* Belle, 1994  
*pseudoundulatus* Belle, 1984  
*pugnifer* Donnelly, 1979  
*regularis* (Selys, 1873) [**Gomphoides**]  
*selysi* (Navás, 1924) [**Gomphoides**]  
*semicircularis* (Selys, 1854) [**Gomphoides**]  
*singularis* Belle, 1979  
*spiniventris* Belle, 1994  
*stigmatus* (Say, 1840) [**Aeshna**]  
*suasillus* Donnelly, 1979  
*suasus* (Selys, 1859) [**Gomphoides**]  
     syn *perfidus* Hagen, 1861 [**Gomphoides**]  
*suspectus* Belle, 1994  
*undulatus* (Needham, 1944) [**Gomphoides**]

### **Praeviogomphus** Belle, 1995

*proprius* Belle, 1995

### **Progomphus** Selys, 1854

syn *Alloprogomphus* Carle, 1986  
 syn *Archaeoprogomphus* Carle, 1986  
 syn *Eoprogomphus* Carle, 1986  
 syn *Neaprogomphus* Carle, 1986

*abbreviatus* Belle, 1973  
*aberrans* Belle, 1973  
*adaptatus* Belle, 1973  
*alachuensis* Byers, 1939  
*amarillus* Tennessen, 1992  
*amazonicus* Belle, 1973  
*angeloi* Belle, 1994  
*anomalous* Belle, 1973  
*approximatus* Belle, 1966  
*auropictus* Ris, 1911  
*australis* Belle, 1973  
*basalis* Belle, 1994  
*basistictus* Ris, 1911  
*bellei* Knopf & Tennessen, 1980  
*belyshevi* Belle, 1991  
*bidentatus* Belle, 1994  
*boliviensis* Belle, 1973  
*borealis* McLachlan *in* Selys, 1873

*syn ?meridionalis (nomen nudum)* Hagen, 1885  
*brachynemesis* Needham, 1944  
*clendoni* Calvert, 1905  
*syn williamsi* Needham, 1943  
*complicatus* Selys, 1854  
*conjectus* Belle, 1966  
*costalis* Hagen *in* Selys, 1854  
*delicatus* Belle, 1973  
*dorsopallidus* Byers, 1934  
*elegans* Belle, 1973  
*fassli* Belle, 1973  
*flinti* Belle, 1975  
*formalis* Belle, 1973  
*geijskesi* Needham, 1944  
*gracilis* Hagen *in* Selys, 1854  
*guyanensis* Belle, 1966  
*herreræ* Needham & Etcheverry, 1956  
*incurvatus bivittatus* De Marmels, 1991  
*incurvatus incurvatus* Belle, 1973  
*integer* Hagen *in* Selys, 1878  
*intricatus* Hagen *in* Selys, 1858  
*joergenseni* Ris, 1908  
*kimminsi* Belle, 1973  
*lambertoi* Novelo-Gutiérrez, 2007  
*lepidus* Ris, 1911  
*longistigma* Ris, 1918  
*maculatus* Belle, 1984  
*marcelæ* Novelo-Gutiérrez, 2007  
*mexicanus* Belle, 1973  
*microcephalus* Belle, 1994  
*montanus* Belle, 1973  
*nervis* Belle, 1973  
*nigellus* Belle, 1990  
*obscurus* (Rambur, 1842) [**Diastatomma**]  
*occidentalis* Belle, 1983  
*perithemoides* Belle, 1980  
*perpusillus* Ris, 1918  
*phyllochromus* Ris, 1918  
*pijpersi* Belle, 1966  
*polygonus* Selys, 1879  
*pygmaeus* Selys, 1873  
*racenisi* De Marmels, 1983  
*recticarinatus* Calvert, 1909  
*recurvatus* Ris, 1911  
*risi* Williamson, 1920  
*serenus* Hagen *in* Selys, 1878  
*superbus* Belle, 1973  
*tantillus* Belle, 1973  
*tennesseni* Daigle, 1996  
*tibialis* Belle, 1973  
*victor* St. Quentin, 1973  
*virginiae* Belle, 1973  
*zephyrus* Needham, 1941  
*zonatus* Hagen *in* Selys, 1854



### **Stenogomphurus Carle, 1986**

*consanguis* Selys, 1879 [Gomphus]  
*rogersi* Gloyd, 1936 [Gomphus]

### **Stylogomphus Fraser, 1922**

*albistylus* (Hagen in Selys, 1878) [Gomphus]  
syn *naevius* Hagen in Selys, 1878 [Gomphus]  
*sigmastylus* Cook & Lauder milk, 2004

### **Stylurus Needham, 1897**

*annicola* Walsh, 1862 [Gomphus]  
syn *abditus* Butler, 1914 [Gomphus]  
*falcatus* Gloyd, 1944  
*intricatus* Hagen in Selys, 1858 [Gomphus]  
*ivae* Williamson, 1932 [Gomphus]  
*laurae* Williamson, 1932 [Gomphus]  
*notatus* Rambur, 1842 [Gomphus]  
syn *fluvialis* Walsh, 1862 [Gomphus]  
syn *jucundus* Needham, 1943 [Gomphus (Stylurus)]  
*olivaceus* Selys, 1873 [Gomphus]  
syn *olivaceus nevadensis* Kennedy, 1917 [Gomphus]  
*plagiatus* Selys, 1854 [Gomphus]  
syn *elongatus* Selys, 1854 [Gomphus]  
*potulentus* Needham, 1942 [Gomphus (Stylurus)]  
*scudderi* Selys, 1873 [Gomphus]  
*spiniceps* (Walsh, 1862) [Macrogomphus?]  
syn *segregans* Needham, 1897 [Gomphus]  
*townesi* Gloyd, 1936

### **Tibiagomphus Belle, 1992**

*noval* (Rodrigues Capítulo, 1985) [Cyanogomphus]  
*uncatus* (Fraser, 1947) [Cyanogomphus]

### **Zonophora Selys, 1854**

*batesi* Selys, 1869  
syn *bodkini* Champion, 1920  
*calippus calippus* Selys, 1869  
*calippus klugi* Schmidt, 1941  
*calippus spectabilis* Champion, 1920  
*campanulata annulata* Belle, 1983  
*campanulata campanulata* (Burmeister, 1839) [Diastatomma]  
*campanulata machadoi* St. Quentin, 1973  
*diversa* Belle, 1983  
*nobilis* Belle, 1983  
*regalis* Belle, 1976  
*solitaria obscura* Belle, 1976  
*solitaria solitaria* Rácenis, 1970  
*supratriangularis* Schmidt, 1941  
*surinamensis* Needham, 1944  
*wucherpfennigi* Schmidt, 1941

### **NEOPETALIIDAE Tillyard & Fraser, 1940**

**Neopetalia** Cowley, 1934

*punctata* (Hagen *in* Selys, 1854) [**Petalia**]

**CORDULEGASTRIDAE** Hagen, 1877

**Cordulegaster** Leach *in* Brewster, 1815

syn *Thecophora* Selys, 1854  
syn *Thecagaster* Selys, 1854  
syn *Taeniogaster* Selys, 1854  
syn *Zoraena* Kirby, 1890  
syn *Kuldanagaster* Yousuf & Yunus, 1974  
syn *Archegaster* Lohmann, 1992  
syn *Kalyptogaster* Lohmann, 1992  
syn *Pangaeagaster* Lohmann, 1992  
syn *Lauragaster* Lohmann, 1992  
syn *Sonjagaster* Lohmann, 1992

*bilineata* (Carle, 1983) [**Zoraena**]

*diadema diadema* Selys, 1868

syn *godmani* McLachlan, 1878

*diastatops* (Selys, 1854) [**Thecaphora**]

syn *lateralis* Scudder, 1866

*dorsalis deserticola* Cruden, 1969

*dorsalis dorsalis* Hagen *in* Selys, 1858

*erronea* Hagen *in* Selys, 1878

*maculata* Selys, 1854

*obliqua fasciata* Rambur, 1842

*obliqua obliqua* (Say, 1840) [**Aeshna**]

*sarracenia* Abbot & Hibbitts, 2011

*sayi* Selys, 1854

*talaria* Tennessen, 2004

*virginiae* Novelo-Gutiérrez, 2018

**SYNTHEMISTIDAE** Tillyard, 1917

**Gomphomacromia** Brauer, 1864

*chilensis* Martin, 1921

syn *mexicana* Needham, 1933

*fallax* McLachlan, 1881

*nodisticta* Ris, 1928

*paradoxa* Brauer, 1864

syn *chilensis* (*nomen nudum*) Hagen, 1861 [**Cordulia**]

syn var. *effusa* Navás, 1918

syn var. *tincta* Navás, 1918

syn *etcheverryi* Fraser, 1957

**MACROMIIDAE** Needham, 1903

**Didymops** Rambur, 1842

*floridensis* Davis, 1921

*transversa* (Say, 1840) [**Libellula**]

syn *cinnamomea* Burmeister, 1839 [**Epophthalmia**]

syn *servillii* Rambur, 1842

**Macromia** Rambur, 1842

*alleghaniensis* Williamson, 1909  
*annulata* Hagen, 1861  
     syn *caderita* Needham, 1950  
*illinoiensis georgina* (Selys, 1878) [**Epophthalmia**]  
     syn *australensis* Williamson 1909  
*illinoiensis illinoiensis* Walsh, 1862  
*magnifica* McLachlan in Selys, 1874  
     syn *rickeri* Walker 1937  
*margarita* Westfall, 1947  
*pacifica* Hagen, 1861  
     syn *flavipennis* Walsh, 1862  
*taeniolata* Rambur, 1842

#### **CORDULIIDAE Selys, 1850**

##### **Aeschnosoma Selys, 1870**

*auripennis* Geijskes, 1970  
*elegans* Selys, 1870  
*forcipula* Hagen in Selys, 1871  
     syn *peruviana* Cowley, 1934  
*hamadae* Fleck & Neiss, 2012  
*heliophila* Fleck, 2012  
*louissiriusi* Fleck, 2012  
*marizae* Santos, 1981  
*pseudoforcipula* Fleck, De Marmels & Hamada in Fleck, 2012  
*rustica* Hagen in Selys, 1871

##### **Cordulia Leach in Brewster, 1815**

*shurtleffii* Scudder, 1866  
     syn *bifurcata* (*nomen nudum*) Hagen, 1861

##### **Cordulisantosia Fleck & Costa, 2007**

syn *Santosia* Costa & Santos, 1992 (preoccupied name)

*machadoi* (Costa & Santos, 2000) [**Santosia**]  
*marshalli* (Costa & Santos, 1992) [**Santosia**]  
*newtoni* (Costa & Santos, 2000) [**Santosia**]

##### **Dorocordulia Needham in Needham & Betten, 1901**

*lepida* (Hagen in Selys, 1871) [**Cordulia**]  
*libera* (Selys, 1871) [**Cordulia**]

##### **Epitheca Charpentier, 1840**

*canis* (McLachlan, 1886) [**Tetragoneuria**]  
*costalis* (Selys, 1871) [**Cordulia**]  
     syn *williamsoni* Muttikowski, 1911 [**Tetragoneuria**]  
*cynosura* (Say, 1840) [**Libellula**]  
     syn *complanata* Rambur, 1842 [**Cordulia**]  
     syn *cynosura* race? *basiguttata* Selys, 1871 [**Cordulia**]  
     syn *cynosura simulans* Muttikowski, 1911 [**Tetragoneuria**]  
     syn *lateralis* Burmeister, 1839 [**Epophthalmia**]  
     syn *morio* Muttikowski, 1911 [**Tetragoneuria**]  
*petechialis* (Muttikowski, 1911) [**Tetragoneuria**]  
*princeps princeps* Hagen, 1861

*princeps regina* (Hagen *in* Selys, 1871) [**Cordulia**]  
*semiaquea* (Burmeister, 1839) [**Libellula**]  
syn *diffinis* (*nomen nudum*) Hagen, 1861 [**Tetragoneuria**]  
syn *diffinis* Selys, 1871 [**Cordulia**]  
syn *semiaquea calverti* Muttkowski, 1915 [**Tetragoneuria**]  
*sepia* (Gloyd, 1933) [**Tetragoneuria**]  
*spinigera* (Selys, 1871) [**Cordulia**]  
syn *indistincta* Morse, 1895 [**Tetragoneuria**]  
*spinosa* (Hagen *in* Selys, 1878) [**Cordulia**]  
*stella* (Williamson *in* Muttkowski, 1911) [**Tetragoneuria**]

### **Helocordulia** Needham *in* Needham & Betten, 1901

*selysii* (Hagen *in* Selys, 1878) [**Cordulia?**]  
*uhleri* (Selys, 1871) [**Cordulia**]

### **Lauromacromia** Geijskes, 1970

*bedei* Machado, 2005  
*dubitalis* (Fraser, 1939) [**Gomphomacromia**]  
*flaviae* Machado, 2002  
*luismoojeni* (Santos, 1967) [**Neocordulia**]  
*melanica* Pinto & Carvalho, 2010  
*picinguaba* Carvalho, Salgado & Werneck-de-Carvalho, 2004

### **Navicordulia** Machado & Costa, 1995

*aemulatrix* Pinto & Lamas, 2010  
*amazonica* Machado & Costa, 1995  
*atlantica* Machado & Costa, 1995  
*errans* (Calvert, 1909) [**Dorocordulia**]  
*kiautai* Machado & Costa, 1995  
*leptostyla* Machado & Costa, 1995  
*longistyla* Machado & Costa, 1995  
*mielkei* Machado & Costa, 1995  
*miersi* Machado & Costa, 1995  
*nitens* (De Marmels, 1991) [**Dorocordulia**]  
*pascali* Fleck & Juillerat, 2019  
*tumucurakensis* Fleck, 2017  
*vagans* (De Marmels, 1989) [**Dorocordulia**]

### **Neocordulia** Selys, 1882

*androgynis* (Selys, 1871) [**Gomphomacromia**]  
*batesi batesi* (Selys, 1871) [**Gomphomacromia**]  
*batesi longipollex* Calvert, 1909  
*biancoi* Rácenis, 1970  
*campana* May & Knopf, 1988  
*carlochagasi* Santos, 1967  
*caudacuta* De Marmels, 2008  
*fiorentini* Costa & Machado, 2007  
*gaucha* Costa & Machado, 2007  
*griphus* May, 1992  
*machadoi* Santos, Costa & Carriço, 2010  
*mambucabensis* Costa & Santos, 2000  
*matutuensis* Machado, 2005  
*pedroi* Costa, Carriço & Santos, 2010  
*santacatarinensis* Costa, Ravanello, & Souza-Franco, 2008

*setifera* (Hagen in Selys, 1871) [**Gomphomacromia**]  
syn *valga* (*nomen nudum*) Hagen, 1861 [**Cordulia**]  
*volxemi* (Selys, 1874) [**Gomphomacromia**]

### **Neurocordulia** Selys, 1871

syn *Platycordulia* Williamson, 1908

*alabamensis* Hodges in Needham & Westfall, 1955  
*michaeli* Brunelle, 2000  
*molesta* (Walsh, 1864) [**Cordulia**]  
syn *clara* Muttkowski, 1910  
*obsoleta* (Say, 1840) [**Libellula**]  
syn *polysticta* Burmeister, 1839 [**Libellula**]  
*virginiensis* Davis, 1927  
*xanthosoma* (Williamson, 1908) [**Platycordulia**]  
*yamaskanensis* (Provancher, 1875) [**Aeshna**]  
syn *jamascarensis* Hagen in Selys, 1878 [**Epitheca?**]

### **Paracordulia** Martin, 1907

*sericea* (Selys, 1871) [**Cordulia**]

### **Rialla** Navás, 1915

*villosa* (Rambur, 1842) [**Cordulia**]  
syn *membranata* Navás, 1915

### **Somatochlora** Selys, 1871

*albicineta* (Burmeister, 1839) [**Epophthalmia**]  
syn *eremita* Scudder, 1866 [**Cordulia**]  
syn form *massettensis* Whitehouse, 1941  
*brevicineta* Robert, 1954  
*calverti* Williamson & Gloyd, 1933  
*cingulata* (Selys, 1871) [**Epitheca**]  
*elongata* (Scudder, 1866) [**Cordulia**]  
syn *saturata* (*nomen nudum*) Hagen, 1861 [**Cordulia**]  
*ensigera* Martin, 1907  
syn *charadraea* Williamson, 1907  
*filosa* (Hagen, 1861) [**Cordulia**]  
*forcipata* (Scudder, 1866) [**Cordulia**]  
syn *chalybea* (*nomen nudum*) Hagen, 1861 [**Cordulia**]  
*franklini* (Selys, 1878) [**Epitheca**]  
syn *macrotona* Williamson, 1909  
*georgiana* Walker, 1925  
*hineana* Williamson, 1931  
*hudsonica* (Hagen in Selys, 1871) [**Epitheca**]  
*incurvata* Walker, 1918  
*kennedyi* Walker, 1918  
*linearis* (Hagen, 1861) [**Cordulia**]  
syn *lateralis* (*lapsus*) Needham in Needham & Betten, 1901  
syn *procera* Selys, 1871 [**Epitheca**]  
*margarita* Donnelly, 1962  
*minor* Calvert, 1898  
*ozarkensis* Bird, 1933  
*provocans* Calvert, 1903  
*sahlbergi* Trybom, 1889  
syn *walkeri* Kennedy, 1917

*semicircularis* (Selys, 1871) [**Epitheca**]  
syn *nasalis* Selys, 1874 [**Epitheca**]  
*septentrionalis* (Hagen, 1861) [**Cordulia**]  
syn *richardsoni* (*nomen nudum*) Hagen, 1861 [**Cordulia**]  
*tenebrosa* (Say, 1840) [**Libellula**]  
syn *tenebrica* (*nomen nudum*) Hagen, 1861 [**Cordulia**]  
*walshii* (Scudder, 1866) [**Cordulia**]  
*whitehousei* Walker, 1925  
*williamsoni* Walker, 1907

### **Williamsonia** Davis, 1913

*fletcheri* Williamson, 1923  
syn *vacua* (*nomen nudum*) Hagen, 1867 [**Diplax**]  
*lintneri* (Hagen in Selys, 1878) [**Cordulia**]

### **LIBELLULIDAE** Leach in Brewster, 1815

#### **Anatya** Kirby, 1889

*guttata* (Erichson in Schomburgk, 1848) [**Libellula**]  
syn *anomala* Kirby, 1889  
syn *difficilis* Selys, 1879 [**Agrionoptera**]  
syn *normalis* Calvert, 1899  
syn *theresiae* Selys in Therese, 1900  
*januaria* Ris, 1911

#### **Antidymis** Kirby, 1889

*nigra* Buchholz, 1952  
*trameiformis* Kirby, 1889

#### **Argyrothemis** Ris, 1909

*argentea* Ris, 1909

#### **Brachymesia** Kirby, 1889

syn *Cannacria* Kirby, 1889  
*furcata* (Hagen, 1861) [**Erythemis**]  
syn *australis* Kirby, 1889  
syn *smithii* Kirby, 1894 [**Cannacria**]  
*gravida* (Calvert, 1890) [**Leptemis**]  
*herbida* (Gundlach, 1889) [**Libellula**]  
syn *batesii* Kirby, 1889 [**Cannacria**]  
syn *fumipennis* Currie, 1901 [**Cannacria**]

#### **Brechmorhoga** Kirby, 1894

syn *Nothemis* Navás, 1915  
*diplosema* Ris, 1913  
*flavopunctata* (Martin, 1897) [**Dythemis**]  
*flavoannulata* Lacroix, 1920  
*innupta* Rácenis, 1954  
*latialata* González-Soriano, 1999  
*mendax* (Hagen, 1861) [**Dythemis**]  
*neblinae* De Marmels, 1989  
*nubecula* (Rambur, 1842) [**Libellula**]  
syn *catharina* Karsch, 1890 [**Macrothemis**]

*pertinax eurysema* Ris, 1913  
*pertinax pertinax* (Hagen, 1861) [**Dythemis**]  
   syn *sallaei* Selys, 1868 [**Libellula (Dythemis)**]  
*pertinax peruviana* Ris, 1913  
*praecox grenadensis* Kirby, 1894  
   syn *archboldi* Donnelly, 1970 [**Scapanea**]  
*praecox postlobata* Calvert, 1898  
*praecox praecox* (Hagen, 1861) [**Dythemis**]  
   syn *columba* Hagen 1861 (*nomen nudum*) [**Dythemis**]  
*praedatrix* Calvert, 1909  
*rapax crocosema* Ris, 1913  
*rapax rapax* Calvert, 1898  
   syn *apollinaris* Navás, 1915 [**Nothemis**]  
*tepeaca* Calvert, 1908  
*travassosi* Santos, 1946  
*vivax* Calvert, 1906

### **Cannaphila** Kirby, 1889

*insularis funerea* (Carpenter, 1897) [**Misagria**]  
*insularis insularis* Kirby, 1889  
   syn *angustipennis* Rambur (*nec* Stephens, 1835), 1842 [**Libellula**]  
*mortoni* Donnelly, 1992  
*vibex* (Hagen, 1861) [**Libellula**]  
   syn *merida* Selys, 1868 [**Libellula**]

### **Carajathemis** Machado, 2012

*simone* Machado, 2012

### **Celithemis** Hagen, 1861

*amanda* (Hagen, 1861) [**Diplax**]  
   syn *pulchella* Burmeister (*nec* Drury, 1773), 1839 [**Libellula**]  
*bertha* Williamson, 1922  
   syn *bertha leonora* Westfall, 1952  
*elisa* (Hagen, 1861) [**Diplax**]  
*eponina* (Drury, 1773) [**Libellula**]  
   syn *camilla* Rambur, 1842 [**Libellula**]  
   syn *lucilla* Rambur, 1842 [**Libellula**]  
*fasciata* Kirby, 1889  
   syn *monomelaena* Williamson, 1910  
*martha* Williamson, 1922  
*ornata* (Rambur, 1842) [**Libellula**]  
*verna* Pritchard, 1935

### **Crocothemis** Brauer, 1868

  syn *Beblesia* Kirby, 1900  
*servilia servilia* (Drury, 1773) [**Libellula**]  
   syn *ferruginea* Fabricius, 1781 [**Libellula**]  
   syn *reticulata* Kirby, 1886  
   syn *soror* Rambur, 1842 [**Libellula**]

### **Dasythemis** Karsch, 1889

  syn *Malamarptis* Karsch, 1890  
*esmeralda* Ris, 1910  
*essequiba* Ris, 1919

*mincki clara* Ris, 1908  
*mincki mincki* (Karsch, 1890) [**Malamarptis**]  
*venosa* (Burmeister, 1839) [**Libellula**]  
syn *liriopa* Karsch, 1889  
syn *macrostigma* Förster, 1907

### **Diastatops** Rambur, 1842

*dimidiata* (Linnaeus, 1758) [**Libellula**]  
syn *fenestrata* (*nomen nudum*) Hagen, 1855  
syn *marginata* De Geer, 1773 [**Libellula**]  
*emilia* Montgomery, 1940  
*estherae* Montgomery, 1940  
*intensa* Montgomery, 1940  
*maxima* Montgomery, 1940  
*nigra* Montgomery, 1940  
*obscura* (Fabricius, 1775) [**Libellula**]  
syn *tincta* Rambur, 1842  
*pullata* (Burmeister, 1839) [**Libellula**]  
syn *fuliginea* Rambur, 1842

### **Dythemis** Hagen, 1861

*fugax* Hagen, 1861  
*maya* Calvert, 1906  
*nigra* Martin, 1897  
syn *tabida* (*nomen nudum*) Hagen, 1861  
syn *multipunctata reducta* De Marmels, 1989  
*nigrescens* Calvert, 1899  
*rufinervis* (Burmeister, 1839) [**Libellula**]  
syn *conjuncta* Rambur, 1842 [**Libellula**]  
syn *vinosa* Scudder, 1866 [**Libellula**]  
*sterilis multipunctata* Kirby, 1894  
*sterilis sterilis* Hagen, 1861  
syn *broadwayi* Kirby, 1894  
*velox* Hagen, 1861

### **Edonis** Needham, 1905

*helena* Needham, 1905

### **Elasmothemis** Westfall, 1988

*alcebiadesi* (Santos, 1945) [**Dythemis**]  
*aliciae* González-Soriano & Novelo-Gutiérrez, 2006  
*cannacrioides* (Calvert, 1906) [**Dythemis**]  
*constricta* (Calvert, 1898) [**Dythemis**]  
syn *willinki* Fraser, 1947 [**Macrothemis**]  
*kiautai* (De Marmels, 1989) [**Dythemis**]  
*rufa* De Marmels, 2008  
*schubarti* (Santos, 1945) [**Dythemis**]  
*williamsoni* (Ris, 1919) [**Dythemis**]

### **Elga** Ris, 1909

*leptostyla* Ris, 1909  
syn *santosi* Machado, 1954  
*newtonsantosi* Machado, 1992



## **Erythemis** Hagen, 1861

syn *Mesothemis* Hagen, 1861

syn *Leptthemis* Hagen, 1861

- attala* (Selys in Sagra, 1857) [**Libellula**]
  - syn *annulata* (*nec* Palisot, 1805) Rambur, 1842 [**Libellula**]
  - syn *annulosa* Selys in Sagra, 1857 [**Libellula**]
  - syn *mithra* Selys in Sagra, 1857 [**Libellula**]
- carmelita* Williamson, 1923
- collocata* (Hagen, 1861) [**Mesothemis**]
- credula* (Hagen, 1861) [**Diplax**]
- haematogastra* (Burmeister, 1839) [**Libellula**]
- mithroides* (Brauer in Therese, 1900) [**Mesothemis**]
- peruviana* (Rambur, 1842) [**Libellula**]
  - syn *?rubriventris* Blanchard, 1845 [**Libellula**]
  - syn *bicolor* Erichson in Schomburgk, 1848 [**Libellula**]
- plebeja* (Burmeister, 1839) [**Libellula**]
  - syn *verbenata* Hagen, 1861 [**Leptthemis**]
- simplicicollis* (Say, 1840) [**Libellula**]
  - syn *?imbuta* Say, 1840 [**Libellula**]
  - syn *caerulans* Rambur, 1842 [**Libellula**]
  - syn *gundlachii* Scudder, 1866 [**Mesothemis**]
  - syn *maculiventris* Rambur, 1842 [**Libellula**]
- vesiculosa* (Fabricius, 1775) [**Libellula**]
  - syn *acuta* Say, 1840 [**Libellula**]

## **Erythrodiplax** Brauer, 1868

syn *Nadiplax* Navás, 1916

- abjecta* (Rambur, 1842) [**Libellula**]
  - syn *ponderosa* Karsch, 1891
- acantha* Borrer, 1942
- amazonica* Sjöstedt, 1918
  - syn *lenti* Ris, 1919
- ana* Guillermo-Ferreira & Vilela in Guillermo-Ferreira, Vilela & del-Claro, 2016
- anatoidea* Borrer, 1942
- andagoya* Borrer, 1942
- angustipennis* Borrer, 1942
- anomala* (Brauer, 1865) [**Libellula (Diplax)**]
- atroterminata* Ris, 1911
- attenuata* (Kirby, 1889) [**Trithemis (?)**]
  - syn *attenuata forma hyalina* Sjöstedt, 1918
- avittata* Borrer, 1942
- basalis* (Kirby, 1897) [**Micrathyria**]
  - syn *?erratica* Erichson in Schomburgk, 1848 [**Libellula**]
- basifusca* (Calvert, 1895) [**Trithemis**]
- berenice berenice* (Drury, 1773) [**Libellula**]
  - syn *histrion* Burmeister, 1839 [**Libellula**]
- berenice naeva* (Hagen, 1861) [**Dythemis**]
- branconensis* Sjöstedt, 1929
- bromeliicola* Westfall in Needham, Westfall & May, 2000
  - syn *fraterna (nomen nudum)* Hagen, 1873 [**Diplax**]
  - syn *connata fraterna* Ris, 1911
- castanea* (Burmeister, 1839) [**Libellula**]
- cauca* Borrer, 1942
- chromoptera* Borrer, 1942

*cleopatra* Ris, 1911  
*clitella* Borrór, 1942  
*connata* (Burmeister, 1839) [**Libellula**]  
    syn *chloropleura* Brauer, 1865 [**Libellula (Diplax)**]  
    syn *communis* Rambur, 1842 [**Libellula**]  
    syn *leontina* Brauer, 1865 [**Libellula**]  
*corallina* (Brauer, 1865) [**Libellula (Diplax)**]  
    syn *medium* Navás, 1916 [**Sympetrum**]  
    syn *nutrina* Förster, 1914  
    syn *plebeia* Rambur (*nec* Burmeister, 1839), 1842 [**Libellula**]  
*diversa* (Navás, 1916) [**Nadiplax**]  
*famula* (Erichson *in* Schomburgk, 1848) [**Libellula**]  
    syn *ochracea aequatorialis* Ris, 1911  
*fervida* (Erichson *in* Schomburgk, 1848) [**Libellula**]  
    syn *justina* Selys *in* Sagra, 1857 [**Libellula**]  
*fulva* Borrór, 1957  
*funerea* (Hagen, 1861) [**Libellula**]  
    syn *affinis* Kirby, 1889 [**Neurothemis**]  
    syn *tyleri* Kirby, 1899 [**Trithemis**]  
*fusca* (Rambur, 1842) [**Libellula**]  
    syn *incompta* Rambur, 1842 [**Libellula**]  
*gomesi* Santos, 1946  
*hyalina* Förster, 1907  
*ines* Ris, 1911  
*juliana* Ris, 1911  
*justiniana* (Selys *in* Sagra, 1857) [**Libellula**]  
    syn *?portoricana* Kolbe, 1888 [**Diplax**]  
    syn *ambusta (nomen nudum)* Hagen, 1868 [**Diplax**]  
*kimminsi* Borrór, 1942  
*laselva* Haber, Wagner & de la Rosa 2015  
*latimaculata* Ris, 1911  
*lativittata* Borrór, 1942  
*laurentia* Borrór, 1942  
*leticia* Machado, 1996  
*longitudinalis* (Ris, 1919) [**Anatya**]  
*luteofrons* Santos, 1956  
*lygaea* Ris, 1911  
*maculosa* (Hagen, 1861) [**Nannophya**]  
    syn *friedericella* Förster, 1905 [**Diplacodes**]  
*media* Borrór, 1942  
*melanica* Borrór, 1942  
*melanorubra* Borrór, 1942  
*minuscula* (Rambur, 1842) [**Libellula**]  
*nigricans* (Rambur, 1842) [**Libellula**]  
    syn *vilis* Rambur, 1842 [**Libellula**]  
*nivea* Borrór, 1942  
*ochracea* (Burmeister, 1839) [**Libellula**]  
    syn *distinguenda* Rambur, 1842 [**Libellula**]  
*pallida* (Needham, 1904) [**Micrathyria**]  
*paraguayensis* (Förster, 1905) [**Diplacodes**]  
*parvimaculata* Borrór, 1942  
*solimaea* Ris, 1911  
*tenuis* Borrór, 1942  
*transversa* Borrór, 1957  
*umbrata* (Linnaeus, 1758) [**Libellula**]

syn *fallax* Burmeister, 1839 [**Libellula**]  
syn *flavicans* Rambur, 1842 [**Libellula**]  
syn *fuscofasciata* Blanchard, 1845 [**Libellula**]  
syn *montezuma* Calvert, 1899 [**Trithemis**]  
syn *ruralis* Burmeister, 1839 [**Libellula**]  
syn *subfasciata* Burmeister, 1839 [**Libellula**]  
syn *tripartita* Burmeister, 1839 [**Libellula**]  
syn *unifasciata* De Geer, 1773 [**Libellula**]  
**unimaculata** (De Geer, 1773) [**Libellula**]  
syn *erichsoni* Kirby, 1894 [**Trithemis**]  
syn *hemimelaena* Karsch, 1890 [**Micrathyria**]  
syn *pulla* Burmeister, 1839 [**Libellula**]  
**venusta** (Kirby, 1897) [**Micrathyria**]  
syn *?erratica* Erichson in Schomburgk, 1848 [**Libellula**]

### **Fylgia** Kirby, 1889

**amazonica amazonica** Kirby, 1889  
syn *semiaurea* Karsch, 1889 [**Nannothemis**]  
**amazonica lychnitina** De Marmels, 1989

### **Garrisonia** Penalva & Costa, 2007

**aurindae** Penalva & Costa, 2007

### **Gynothemis** Calvert in Ris, 1909

**aurea** Navás, 1933  
**pumila** (Karsch, 1890) [**Macrothemis**]  
syn var. *axillata* Navás, 1924 [**Macrothemis**]  
**uniseta** Geijskes, 1972  
**venipunctata** Calvert in Ris, 1909

### **Idiataphe** Cowley, 1934

syn *Ephidatia* Kirby, 1889  
**amazonica** (Kirby, 1889) [**Ephidatia**]  
**batesi** (Ris, 1913) [**Ephidatia**]  
**cubensis** (Scudder, 1866) [**Macromia**]  
syn *specularis* (*nomen nudum*) Hagen, 1867 [**Erythemis**]  
**longipes** (Hagen, 1861) [**Erythemis**]

### **Leucorrhinia** Brittinger, 1850

syn *Coenotia* Buchecker, 1876  
**borealis** Hagen, 1890  
**frigida** Hagen, 1890  
**glacialis** Hagen, 1890  
**hudsonica** (Selys, 1850) [**Libellula**]  
syn *hageni* Calvert, 1890  
**intacta** (Hagen, 1861) [**Diplax**]  
**patricia** Walker, 1940  
**proxima** Calvert, 1890 in Hagen, 1890

### **Libellula** Linnaeus, 1758

syn *Platetrum* Newman, 1833  
syn *Leptetrum* Newman, 1833  
syn *Plathemis* Hagen, 1861  
syn *Pigiphila* Buchecker, 1876

syn *Belonia* Kirby, 1889  
 syn *Holotania* Kirby, 1889  
 syn *Ladona* Needham, 1897  
 syn *Eolibellula* Kennedy, 1922  
 syn *Syntetrum* Kennedy, 1922  
 syn *Eurothemis* Kennedy, 1922  
 syn *Neotetrum* Kennedy, 1922  
 syn *Eotania* Carle & Kjer, 2002

***auripennis*** Burmeister, 1839  
 syn *costalis* Rambur, 1842

***axilena*** Westwood, 1837  
 syn *leda* Say, 1840

***coahuiltecana*** Ortega & González-Soriano, 2015

***comanche*** Calvert, 1907  
 syn *flavida* Hagen (*nec* Rambur 1842), 1861

***composita*** (Hagen *in* Hayden, 1873) [**Mesothemis**]

***croceipennis*** Selys, 1868  
 syn *saturata aliasignata* Muttkowski, 1910  
 syn *uniformis* Kirby, 1889 [**Belonia**]

***cyanea*** Fabricius, 1775  
 syn *bistigma* Uhler, 1858  
 syn *quadrupla* Say, 1840

***deplanata*** Rambur, 1842

***exusta*** Say, 1840

***flavida*** Rambur, 1842  
 syn *plumbea* Uhler, 1858

***foliata*** (Kirby, 1889) [**Belonia**]

***forensis*** Hagen, 1861

***gaigei*** Gloyd, 1938

***herculea*** Karsch, 1889  
 syn *longipennis* Kirby, 1889 [**Belonia**]

***incesta*** Hagen, 1861

***jesseana*** Williamson, 1922

***julia*** Uhler, 1858

***luctuosa*** Burmeister, 1839  
 syn *basalis* Say (*nec* Stephens, 1835), 1840  
 syn *odiosa* Hagen, 1861

***lydia*** Drury, 1773  
 syn *serva* Fabricius, 1793  
 syn *trimaculata* De Geer, 1773

***mariae*** Garrison, 1992

***needhami*** Westfall, 1943

***nodisticta*** Hagen, 1861

***pulchella*** Drury, 1773  
 syn *confusa* Uhler, 1858  
 syn *versicolor* Fabricius, 1775

***quadrimaculata*** Linnaeus, 1758  
 syn *quadripunctata* Fabricius, 1781  
 syn *ternaria* Say [*in part*], 1840

***saturata*** Uhler, 1858

***semifasciata*** Burmeister, 1839  
 syn *bifasciata (nomen oblitum?)* Fabricius, 1775  
 syn *hersilia* Blanchard, 1849  
 syn *maculata* Rambur, 1842

syn *ternaria* Say [in part], 1840  
*subornata* (Hagen, 1861) [**Plathemis**]  
*vibrans* Fabricius, 1793

## **Macrodiplax** Brauer, 1868

*balteata* (Hagen, 1861) [**Tetragoneuria**]

## **Macrothemis** Hagen, 1868

syn *Cendra* Navás, 1916  
syn *Ophippus* Navás, 1916

*absimilis* Costa, 1991  
*aurimaculata* Donnelly, 1984  
*belliata* Belle, 1987  
*brevidens* Belle, 1983  
*calliste* (Ris, 1913) [**Gynothemis**]  
*capitata* Calvert, 1909  
*celeno* (Selys *in* Sagra, 1857) [**Libellula**]  
syn *meurgeyi* Daigle, 2007  
*cynthia* Ris, 1913  
*declivata* Calvert, 1909  
*delia* Ris, 1913  
*extensa* Ris, 1913  
*fallax* May, 1998  
*flavescens* (Kirby, 1897) [**Miathyria**]  
*griseofrons* Calvert, 1909  
syn *cearana* Navás, 1916 [**Cendra**]  
*guarauno* Rácenis, 1957  
*hahneli* Ris, 1913  
*hemichlora* (Burmeister, 1839) [**Libellula**]  
syn *cydippe* Calvert, 1898  
*heteronycha* (Calvert, 1909) [**Brechmorhoga**]  
syn *garbei* Navás, 1916 [**Ophippus**]  
*hosanai* Santos, 1967  
*idalia* Ris, 1919  
*imitans imitans* Karsch, 1890  
*imitans leucozona* Ris, 1913  
*inacuta* Calvert, 1898  
syn *?rochai* Navás, 1918  
*lauriana* Ris, 1913  
*ludia* Belle, 1987  
*lutea* Calvert, 1909  
*marmorata* Hagen, 1868  
syn *tenuis* Karsch, 1890  
*mortoni* Ris, 1913  
*musiva* Calvert, 1898  
syn *uniseriis* Calvert, 1909  
*newtoni* Costa, 1990  
*nobilis* Rácenis, 1957  
*pleurosticta* (Burmeister, 1839) [**Libellula**]  
*polyneura* Ris, 1913  
*proterva* Belle, 1987  
*pseudimitans* Calvert, 1898  
*rupicola* Rácenis, 1957  
*taurepan* De Marmels, 2008

*tenuis* Hagen, 1868  
*tessellata* (Burmeister, 1839) [**Libellula**]  
syn *inequiunguis* Calvert, 1895  
syn *vulgipes* Calvert, 1898  
*ultima* González-Soriano, 1992  
*valida* Navás, 1916

### **Miathyria** Kirby, 1889

syn *Nothifixis* Navás, 1916

*marcella* (Selys in Sagra, 1857) [**Libellula**]  
*simplex* (Rambur, 1842) [**Libellula**]  
syn *laxa* Navás, 1916 [**Nothifixis**]  
syn *pusilla* Kirby, 1889

### **Micrathyria** Kirby, 1889

*aequalis* (Hagen, 1861) [**Dythemis**]  
syn *septima* Selys in Therese, 1900  
*almeidai* Santos, 1945  
*artemis* Ris, 1911  
*athenais* Calvert, 1909  
*atra* (Martin, 1897) [**Dythemis**]  
*borgmeieri* Santos, 1947  
*caerulistyla* Donnelly, 1992  
*cambridgei* Kirby, 1897  
*catenata* Calvert, 1909  
*coropinae* Geijskes, 1963  
*debilis* (Hagen, 1861) [**Dythemis**]  
*dictynna* Ris, 1919  
*dido* Ris, 1911  
*didyma* (Selys in Sagra, 1857) [**Libellula**]  
syn *dicrota* Hagen, 1861 [**Dythemis**]  
syn *poeyi* Scudder, 1866 [**Mesothemis**]  
syn *pruinosa* Kirby, 1894  
*dissocians* Calvert, 1906  
*divergens* Westfall, 1992  
*dunklei* Westfall, 1992  
*duplicata* Navás, 1922  
*dythemoides* Calvert, 1909  
*eximia* Kirby, 1897  
*hagenii* Kirby, 1890  
*hesperis* Ris, 1911  
*hippolyte* Ris, 1911  
*hypodidyma* Calvert, 1906  
syn *protoe* Förster, 1907  
*iheringi* Santos, 1946  
*kleerekoperi* Calvert, 1946  
*laevigata* Calvert, 1909  
*longifasciata* Calvert, 1909  
*mengeri mengeri* Ris, 1919  
*mengeri watsoni* Dunkle, 1995  
*occipita* Westfall, 1992  
*ocellata dentiens* Calvert, 1909  
syn *carlota* Needham, 1942  
*ocellata ocellata* Martin, 1897

*ocellata quicha* Calvert, 1909  
*paruensis* Geijskes, 1963  
*pirassunungae* Santos, 1953  
*pseudeximia* Westfall, 1992  
*pseudhyppodidyma* Costa, Lourenço & Viera, 2002  
*ringueleti* Rodrigues Capitulo, 1988  
*romani* Sjöstedt, 1918  
*schumanni* Calvert, 1906  
*spinifera* Calvert, 1909  
*spuria* (Selys in Therese, 1900) [**Anatya**]  
    syn *macroceris* Calvert, 1909  
*stawiarskii* Santos, 1953  
*surinamensis* Geijskes, 1963  
*sympriona* Tennessen, 2000  
*tibialis* Kirby, 1897  
*ungulata* Förster, 1907  
    syn *gerula* (*nomen nudum*) Hagen, 1861 [**Dythemis**]  
*venezuelae* De Marmels, 1989  
*wasscheri* Minot & Gaschignard, 2017

### **Misagria** Kirby, 1889

*bimacula* Kimmins, 1943  
*calverti* Geijskes, 1951  
*divergens* De Marmels, 1981  
*parana* Kirby, 1889

### **Nannothemis** Brauer, 1868

syn *Aino* Kirby, 1890  
*bella* (Uhler, 1858) [**Nannophya**]  
    syn *puella* Kirby, 1890 [**Aino**]  
    syn *pygmaea* Kirby (*nec* Rambur, 1842), 1889 [**Nannophya**]

### **Nephepeltia** Kirby, 1889

syn *Neothemis* Karsch, 1889  
*aequisetis* Calvert, 1909  
*berlai* Santos, 1950  
*flavifrons* (Karsch, 1889) [**Neothemis**]  
    syn *chalconota* Ris, 1919  
    syn *inermis* (*nomen nudum*) Hagen, 1867 [**Nannothemis**]  
    syn *prodita* (*nomen nudum*) Hagen, 1861 [**Nannothemis**]  
*flavipennis* von Ellenrieder, 2014  
*leonardina* Rácenis, 1953  
*phryne* (Perty, 1833) [**Libellula**]  
    syn *apicalis* (*nomen nudum*) Hagen, 1861 [**Dythemis**]  
    syn *phryne tupiensis* Santos, 1950  
    syn *semiaurea* (*nomen nudum*) Hagen, 1861 [**Nannophya**]

### **Nothodiplax** Belle, 1984

*dendrophila* Belle, 1984

### **Oligoclada** Karsch, 1890

syn *Podothemis* Ris, 1909  
*abbreviata abbreviata* (Rambur, 1842) [**Libellula**]  
    syn *raineyi* Ris, 1919

*abbreviata limnophila* Machado & Machado, 1993  
*amphinome* Ris, 1919  
*borrori* Santos, 1945  
*calverti* Santos, 1951  
*crocogaster* Borrer, 1931  
*garrisoni* De Marmels, 2008  
*haywardi* Fraser, 1947  
*heliophila* Borrer, 1931  
*hypophane* De Marmels, 1989  
*laetitia* Ris, 1911  
*leucotaenia* De Marmels, 1989  
*monosticha* Borrer, 1931  
*mortis* Pinto & Lamas, 2012  
*nemesis* (Ris, 1909) [**Podothemis**]  
*pachystigma* Karsch, 1890  
*rhea* Ris, 1911  
*risi* Geijskes, 1984  
*rubribasalis* von Ellenrieder & Garrison, 2008  
*stenopectera* Borrer, 1931  
*sylvia* (Kirby, 1889) [**Nannothemis**]  
*teretidentis* Rehn, 2003  
*umbricola* Borrer, 1931  
*waikinimae* De Marmels, 1992  
*walkeri* Geijskes, 1931  
*xanthopleura* Borrer, 1931

### **Orionothemis** Fleck, Hamada & Carvalho, 2009

*felixorioni* Fleck, Hamada & Carvalho, 2009

### **Orthemis** Hagen, 1861

syn *Neocysta* Kirby, 1889

*aequilibris* Calvert, 1909  
*aciculata* von Ellenrieder, 2012  
*ambinigra* Calvert, 1909  
   syn *plaumanni* Buchholz, 1950  
*ambirufa* Calvert, 1909  
   syn *sibylla* Ris, 1919  
*anthracina* De Marmels, 1989  
*attenuata* (Erichson *in* Schomburgk, 1848) [**Libellula**]  
*biolleyi* Calvert, 1906  
*celata* von Ellenrieder, 2012  
*cinnamomea* von Ellenrieder, 2009  
*concolor* Ris, 1919  
*coracina* von Ellenrieder, 2009  
*cultriformis* Calvert, 1899  
*discolor* (Burmeister, 1839) [**Libellula**]  
*faaseni* von Ellenrieder, 2012  
*ferruginea* (Fabricius, 1775) [**Libellula**]  
*flavopicta* Kirby, 1889  
*garrisoni* von Ellenrieder, 2012  
*harpago* von Ellenrieder, 2009  
*levis* Calvert, 1906  
*macrostigma* (Rambur, 1842) [**Libellula**]  
*nodiplaga* Karsch, 1891



*paulsoni* von Ellenrieder, 2012  
*philipi* von Ellenrieder, 2009  
*regalis* Ris, 1910  
*schmidti* Buchholz, 1950  
*sulphurata* Hagen, 1868  
*tambopatae* von Ellenrieder, 2009  
*teres* von Ellenrieder, 2012

### **Pachydiplax** Brauer, 1868

*longipennis* (Burmeister, 1839) [**Libellula**]  
syn *socia* Rambur, 1842 [**Libellula**]

### **Paltothemis** Karsch, 1890

*cyanosoma* Garrison, 1982  
*lineatipes* Karsch, 1890  
syn *russata* Calvert, 1895 [**Dythemis**]  
*nicolae* Hellebuyck, 2002

### **Pantala** Hagen, 1861

*flavescens* (Fabricius, 1798) [**Libellula**]  
syn *analisis* Burmeister, 1839 [**Libellula**]  
syn *terminalis* Burmeister, 1839 [**Libellula**]  
syn *viridula* Palisot, 1805 [**Libellula**]  
*hymenaea* (Say, 1840) [**Libellula**]  
syn *huanacina* Förster, 1909 [**Tramea**]

### **Perithemis** Hagen, 1861

*bella* Kirby, 1889  
syn *austeni* Kirby, 1897  
*capixaba* Costa, Souza, & Muzón, 2006  
*cornelia* Ris, 1910  
*domitia* (Drury, 1773) [**Libellula**]  
syn *metella* Selys in Sagra, 1857 [**Libellula**]  
syn *pocahontas* Kirby, 1889  
syn var. *iris* Hagen, 1861  
*electra* Ris, 1930  
*icteroptera* (Selys in Sagra, 1857) [**Libellula**]  
syn *waltheri* Ris, 1910  
*intensa* Kirby, 1889  
syn var. *californica* Martin, 1900  
*lais* (Perty, 1833) [**Libellula**]  
syn *naias* Ris, 1910  
*mooma* Kirby, 1889  
syn *cloe* (*nomen nudum*) Hagen, 1861  
syn var. *octoxantha* Ris, 1910  
syn *piperi* Hoffmann, 1987  
*parzefalli* Hoffmann, 1991  
*rubita* Dunkle, 1982  
*tenera* (Say, 1840) [**Libellula**]  
syn *chlora* Rambur, 1842 [**Libellula**]  
syn *domitia seminole* Calvert, 1907  
syn *tenuicincta* Say, 1840 [**Libellula**]  
*thais* Kirby, 1889

## **Planiplax** Muttkowski, 1910

- arachne* Ris, 1912
- erythrogyga* (Karsch, 1891) [**Platyplax**]
- machadoi* Santos, 1949
- phoenicura* Ris, 1912
- sanguiventris* (Calvert, 1907) [**Platyplax**]

## **Pseudoleon** Kirby, 1889

- superbus* (Hagen, 1861) [**Celithemis**]

## **Rhodopygia** Kirby, 1889

- cardinalis* (Erichson in Schomburgk, 1848) [**Libellula**]  
syn var. *colorata* Navás, 1923
- geijskesi* Belle, 1964
- hinei* Calvert, 1907
- hollandi* Calvert, 1907  
syn *chloris* Ris, 1911
- pruinosa* Buchholz, 1953

## **Scapanea** Kirby, 1889

- frontalis* (Burmeister, 1839) [**Libellula**]

## **Sympetrum** Newman, 1833

- syn *Diplax* Burmeister, 1839
- syn *Thecadiplax* Selys, 1883
- syn *Tarnetrum* Needham & Fisher, 1936
- syn *Kalosympetrum* Carle, 1993
- ambiguum* (Rambur, 1842) [**Libellula**]  
syn *albifrons* Charpentier (*nec* Burmeister, 1839), 1840 [**Libellula**]
- chaconi* De Marmels, 1994
- corruptum* (Hagen, 1861) [**Mesothemis**]
- costiferum* (Hagen, 1861) [**Diplax**]  
syn *atripes* Hagen in Hayden, 1874 [**Diplax**]
- danae* (Sulzer, 1776) [**Libellula**]  
syn *verum* Barteneff, 1915
- evanescens* De Marmels, 1992
- gilvum* (Selys, 1884) [**Diplax**]
- illotum illotum* (Hagen, 1861) [**Mesothemis**]
- illotum virgulum* (Selys, 1884) [**Diplax**]
- internum* Montgomery, 1943
- janeae* Carle, 1993
- madidum* (Hagen, 1861) [**Diplax**]  
syn *chrysoptera* Selys, 1883 [**Diplax**]  
syn *flavicosta* Hagen, 1890 [**Diplax**]
- nigrocreatum* Calvert, 1920
- obtrusum* (Hagen, 1867) [**Diplax**]  
syn *decisa* Hagen in Hayden, 1874 [**Diplax**]
- pallipes* (Hagen in Hayden, 1874) [**Diplax**]  
syn *obtrusum morrisoni* Ris, 1911
- paramo* De Marmels, 2001
- roraimae* De Marmels, 1988
- rubicundulum* (Say, 1840) [**Libellula**]  
syn *assimilatum* (Uhler, 1858) [**Libellula**]

*semicinatum* (Say, 1840) [**Libellula**]  
syn *occidentale* Bartenef, 1915  
syn *occidentale californicum* Walker, 1951  
syn *occidentale fasciatum* Walker, 1951  
*signiferum* Cannings & Garrison, 1991  
*vicinum* (Hagen, 1861) [**Diplax**]  
*villosum* Ris, 1911

### **Tauriphila** Kirby, 1889

*argo* (Hagen, 1869) [**Tramea**]  
syn *nycteris* Karsch, 1890  
*australis* (Hagen, 1867) [**Tramea**]  
syn *iphigenia* Hagen, 1867 [**Tramea**]  
*azteca* Calvert, 1906  
*risi* Martin, 1896  
*xiphea* Ris, 1913

### **Tholymis** Hagen, 1867

*citrina* Hagen, 1867

### **Tramea** Hagen, 1861

syn *Trapezostigma* Hagen, 1849

*abdominalis* (Rambur, 1842) [**Libellula**]  
syn *basalis* Burmeister (*nec* Stephens 1835), 1839 [**Libellula**]  
*basilaris* (Palisot, 1805) [**Libellula**]  
syn *chinensis* Burmeister (*nec* Linnaeus 1758), 1839 [**Libellula**]  
syn *burmeisteri* Kirby, 1889  
*binotata* (Rambur, 1842) [**Libellula**]  
syn *brasiliانا* Brauer, 1867  
syn *longicauda* Brauer, 1867  
syn *paulina* Förster, 1910  
syn *subbinotata* Brauer, 1867  
syn *walkeri* Whitehouse, 1943  
*calverti* Muttkowski, 1910  
*carolina* (Linnaeus, 1763) [**Libellula**]  
*cophysa* Hagen, 1867  
syn *darwini* Kirby, 1889  
*insularis* Hagen, 1861  
*lacerata* Hagen, 1861  
*minuta* De Marmels & Rácenis, 1982  
*onusta* Hagen, 1861  
*rustica* De Marmels & Rácenis, 1982

### **Uracis** Rambur, 1842

syn *Urothemis* Hagen (*nec* *Urothemis* Brauer, 1868), 1877  
syn *Pronomaja* Förster, 1909

*fastigiata* (Burmeister, 1839) [**Libellula**]  
syn *fastigiata* aberration *pura* Förster, 1909  
syn *fastigiata forma machadina* Förster, 1910  
*imbuta* (Burmeister, 1839) [**Libellula**]  
syn *quadra* Rambur, 1842  
*infumata* (Rambur, 1842) [**Libellula**]  
syn *ovata* Calvert, 1909  
*oviposatrix* Calvert, 1909

syn *mimetica* Förster, 1909 [**Pronomaja**]  
*reducta* Fraser, 1946  
*siemensi* Kirby, 1897  
*turrialba* Ris, 1919

### **Ypirangthemis** Santos, 1945

*calverti* Santos, 1945

### **Zenithoptera** Selys, 1869

syn *Potamothemis* Kirby, 1889

*anceps* Pujol-Luz, 1993  
*fasciata* (Linnaeus, 1758) [**Libellula**]  
syn *americana* Linnaeus, 1758 [**Libellula**]  
syn *fasciata* Linnaeus, 1758 [**Libellula**]  
syn *violacea* De Geer, 1773 [**Libellula**]  
*lanei* Santos, 1941  
*viola* Ris, 1910

## **Comments**

### **Comments regarding dates of publication:**

1. Palisot de Beauvois's description of *Agrion maculatum* in: 'Insectes recueillis en Afrique et en Amérique, dans les royaumes d'Oware et de Benin, a Saint-Domingue et dans les États-Unis, pendant les années 1786–1797. Levrault, Schoell et Cie Paris. xvi + 276 p., 90 pls.'

Although 1805 is commonly cited as the publication date for *Agrion maculatum* Palisot de Beauvois, the description of this species is on page 85 of that work which, according to Evenhuis (1997. *Litteratura Taxonomica Dipteriorum 1758-1930*. Being a selected list of the books and prints of Diptera taxonomy from the beginning of Linnaean Zoological Nomenclature to the end of the year 1930; containing information on the biographies, bibliographies, types, collections, and patronymic genera of the authors listed in this work including detailed information on publication dates, original and subsequent editions, and other ancillary data concerning the publications listed herein. Volume II. L–Z. Backhuys publishers, Leiden, p. 588) was published in livraison 5 in September, 1807. The correct name and author citation is therefore *Calopteryx maculata* (Palisot, 1807).

2. Hoffmanssegg as author in: 'Burmeister, H.C.C., 1839. Handbuch der Entomologie. 2(2). Neuroptera. T.C.F. Enslin: 757-1050', and in 'Erichson, W.F., 1848. Insekten, pp. 583-586. In R. Schomburgk: Reisen in Britisch-Guiana in den Jahren 1840-1844. Dritter Theil. Versuch einer Fauna und Flora von Britisch-Guiana J. J. Weber, Leipzig.'

Hoffmanssegg is mentioned after the species name for the following odonate taxa in the two publications referred above as follows:

'*Libellula imbuta* Hoffmngg.', in Burmeister 1839: 850  
'*L[ibellula]. bicolor* Hoffgg.', in Erichson 1848: 583  
'*L[ibellula]. guttata* Hoffgg.', in Erichson 1848: 584  
'*Lestes tricolor* Hoffgg.', in Erichson 1848: 585

Therefore, it could be argued that all of these names should be ascribed to Hoffmanssegg since his name is mentioned after those species names.

Article 50.1.1 of the fourth edition of the International Code of Zoological Nomenclature states that "...if it is clear from the contents that some person other than an author of the work is alone responsible both for the name or act and for satisfying the criteria of availability other than actual publication, then that other person is the author of the name or act."

However, we do not think that the contents give any indication of Hoffmanssegg as responsible for the descriptions in either of these two works.

We agree with Calvert (Calvert, P.P., 1898. Burmeister's types of Odonata. Transactions of the American Entomological Society 25: 64) in attributing authorship of *imbuta* to Burmeister, since Hoffmanssegg is mentioned along with several other collection sources in the "Vorrede" of Burmeister (1839) with the explicit indication that the source of the material will be mentioned. Therefore, the species names followed by "Hoffgg." simply indicate that the material used for the descriptions by Burmeister came from Hoffmanssegg's collection.

Several other species of insects described in Schomburgk (*Hippopsis dasycera* [Coleoptera: Cerambycidae], *Doryphora annulata*, *Diabrotica augulicollis* [Coleoptera: Chrysomelidae], *Emesis monostigma* [Lepidoptera: Riodinidae], *Syrichthus festiva* [Lepidoptera: Hesperidae], *Augocoris gomesii* [Hemiptera: Scutellaridae], *Edessa helix*, *Edessa moschus* [Hemiptera: Pentatomidae], *Spartocera (Sephina) pubera* [Hemiptera: Coreidae]) are followed by "Hoffgg.", yet none of the recent catalogs on these respective insect groups attribute authorship to Hoffmanssegg. Some of these names are appended with the notation "Hoffgg. i. mus" possibly meaning "in museum Hoffmanssegg."

Since no other mention of Hoffmanssegg appears anywhere in Schomburgk's introduction, who explicitly acknowledged the contributions of other authors ("...Dieser schwache Versuch der Zusammenstellung der Fauna von Britisch-Guiana würde unterblieben sein, wenn mir nicht auch hier Männer wie Johannes Müller, Ehreisberg, Erichson, Troschel und Cabanis durch die Mittheilung ihrer Untersuchungen, durch ihre anregende Aufforderung die Möglichkeit gegeben hätten, zu dem, was sie für die Wissenschaft gethan, meine spärlichen zoologischen Beobachtungen und Erfahrungen hinzu zu fügen—um so einem spätem, kenntnisreichern Reisenden wenigstens das Gerippe für eine erschöpfende, systematische Bearbeitung der Fauna geben zu können..."), we believe that the first portion of Article 50.1.1 can be invoked to attribute authorship for all new odonate taxa in Schomburgk to Erichson rather than to Hoffmanssegg. Hoffmanssegg probably acted as the source of material, and he may have provided manuscript names for these taxa, but he was not responsible for the descriptions.

All of these taxa have traditionally been credited to Burmeister (*Libellula imbuta*) or Erichson in Schomburgk (*Libellula bicolor*, *Libellula guttata*, *Lestes tricolor*), authorship attributions with which we concur.

**3. Say's Descriptions of new North American neuropterous insects, and observations on some already described:**

According to Nolan (Nolan, E.J. [Editor]. 1913. An index to the scientific contents of the Journal of the Academy of Natural Sciences of Philadelphia. 1812-1912. Philadelphia Academy of Natural Sciences xiv + 1419 pp), the official publication date for Say's paper is 5 May 1840,

as was correctly stated by Johnson (Johnson, C. 1973. Variability, distribution and taxonomy of *Calopteryx dimidiata* (Zygoptera: Calopterygidae). Florida Entomologist 56(3): 207-222).

Given the change of dates for Say's paper, three names *Epophthalmia cinnamomea* Burmeister, 1839, *Epophthalmia lateralis* Burmeister, 1839 and *Libellula polysticta* Burmeister, 1839 would be senior synonyms of three North American species: *Libellula transversa* Say, 1840, *Libellula cynosura* Say, 1840 and *Libellula obsoleta* Say, 1840 respectively. However, Burmeister's names have not been in use for well over 100 years and we consider the correct names for these three to be *Didymops transversa* (Say, 1840) *Epithea cynosura* (Say, 1840) and *Neurocordulia obsoleta* (Say, 1840) in accordance with Article 23.9.1.2 of the International Code of Zoological Nomenclature.

4. Walsh, B.D. Observations on certain N.A. Neuroptera. Proceedings of the Entomological Society of Philadelphia. 2: 167-272:

The running head for this paper states "[October 1863]" but the title page for Volume II. states 1864. According to Brown (Brown, F. M. 1964. Dates of publication of the various parts of the Proceedings of the Entomological Society of Philadelphia. Transactions of the American Entomological Society 89: 305-308), the earliest published date associated with Walsh's paper is 27 January 1864.

5. Hagen and Selys, Monographie des Gomphines:

We follow Calvert (1905. Biologia Centrali-Americana: 148), who states in a footnote: "It is usual to quote the "Monographie des Gomphines" with the date 1857, as is done by Kirby [1890] for example, and "November 1857" is, indeed, that which appears on the title page of the volume; but the original paper cover bore the date "Mai 1858," which has usually not been preserved in bound copies. Moreover, plates xx-xxii are dated at the bottom as having been drawn in 1858." Cowley (1937. J. Soc. Bibliography Nat. Hist. 1(3):73-74) opted for 1857, but further evidence of an 1858 publication date was brought to our attention by P. Machet. In the "appendice" (page 651 [391 separate]) it is stated: "Some circumstances having put off the conclusions of this volume, considerable and rather numerous materials have reached us *during printing* [italics ours]. One comes from a trip made by H. Hagen to London in 1857; others from a shipment of species from Texas, made by the Smithsonian Institution."

6. Uhler's Contributions to the neuropterology of the United States. No. 1:

According to Nolan (Nolan, E.J. [Editor]. 1913. An index to the scientific contents of the Journal of the Academy of Natural Sciences of Philadelphia. 1812-1912. Philadelphia Academy of Natural Sciences xiv + 1419 pp), the official publication date for Uhler's paper, normally cited as 1857, was published on 7 January 1858. This is also borne out by the title page of Volume IX stating "PRINTED FOR THE ACADEMY 1858."

The change of dates from 1857 to 1858 for Uhler's paper affect the following taxa: *Libellula bistigma*, *Libellula plumbea*, *Libellula confusa*, *Libellula saturata*, *Libellula julia*, *Libellula assimilata* and *Nannophya bella*.

7. Hagen's Synopsis of the Odonata of America in the Proceedings of the Boston Society of Natural History 18(1): 20-96:

Although this paper is usually cited 1875 as given in the running head, the title page of this volume gives 1877, the title page says “Proc. of the Boston.....Soc.....papers presented during the years 1875 and 1876 and at the bottom of this page is stated Printed for the Society by....., 1877.” Hagen's paper was read before the society in 1875 but was published in 1877.

8. Selys-Longchamps, Edm. de. Diagnose de deux espèces nouvelles de Calopterygines de Panama. Comptes-rendus de la Société Entomologique de Belgique 21: xxi (1-2 separate):

Although Selys' brief Panama paper is stated on the masthead to have been read at the meeting of 2 February 1878, Selys (1879. Quatrièmes additions au synopsis des Caloptérygines. Bulletin de l'Académie royale de Belgique (2)47: 349-409 [1-63 reprint]) gives 1878 for *Hetaerina fuscoguttata* (p. 367 [21 reprint]) but 1879 for *Cora semiopaca* (p. 408 [62 reprint]). Since the volume includes a report of a meeting as late as 26 December 1878, a publication date of February 1879 makes sense. Thus, Selys presented his paper describing *Hetaerina fuscoguttata* and *Cora semiopaca* at a meeting on 2 February 1878, but it was not published until early 1879.

9. Date of publication of May, M.L., 1992. A review of the genus *Neocordulia*, with a description of *Mesocordulia* subgen. nov. and of *Neocordulia griphus* spec. nov. from Central America, and a note on *Lauromacromia* (Odonata: Corduliidae): Folia Entomológica Mexicana 82: 17-67.

Although 1991 is cited as the publication date on the header, the volume was not actually published until the following year (M. May, *pers. comm.*). Thus, the correct date for *Neocordulia griphus* May is 1992.

### Specific Comments:

10. Machado (2012. The *apicale* species group of *Acanthagrion* with description of four new species and a hook-moving apparatus (Zygoptera: Coenagrionidae). Odonatologica 41(3): 201-223) revised members of the *A. apicale*-group and raised *A. apicale descendens* Fraser, 1942 to specific status and described three new species, *A. chicomendesi*, *A. kaori*, and *A. triangulare*, all based on minute differences in male genital ligula morphology. We believe these differences represent an inaccurate rendition of the genital ligula (*A. apicale descendens*), postmortem and/or slight differences in geographic variation and, accordingly, we consider all four to represent synonyms of the oldest name, *A. apicale* Selys 1876.

11. *Acanthagrion leonardi*, according to G. Jurzitza (*in litt.* 27 Feb. 1996) is a junior synonym of *A. cuyabae* Calvert.

12. *Acanthagrion hartei*. We were unable to find any differences between two paratypes and the original description of this taxon with specimens of *Acanthagrion obsoletum*. Accordingly, we treat the former name as a junior synonym.

13. Machado & Lencioni (2011. *Austrotepuibasis* gen. nov., with descriptions of three new species from Brazil (Zygoptera: Coenagrionidae). Odonatologica 40(1): 27-37) erected a new genus, *Austrotepuibasis* (type species: *Austrotepuibasis demarmelsi* Machado & Lencioni, 2011 [by original designation]) for three new species: *A. alvarengai*, *A. demarmelsi*, and *A. manolisi*, based primarily on differences in genital ligula structure (absence of sclerotized auricle process on apical segment, two pairs of lateral lobes, pair of long terminal filaments), slight differences in abdominal coloration, and posterior margin of female S10 entire. We have examined examples

of some of these new species and they do have a sclerotized auricular structure and a deeply cleft S10 in the female—both characters shared with *Tepuibasis*. These similarities plus others listed overlap considerably with known specimens of *Tepuibasis* we examined, rendering the genus *Austrotepuibasis* indefinable on morphological grounds. Possession of long terminal filaments in the genital ligula and occurrence in lower Amazon forest regions in Brazil do not, in our opinion, warrant erection of a new genus for these three species. Accordingly, we consider *Austrotepuibasis* a junior synonym of *Tepuibasis*.

14. Soldati Lacerda & Machado (2019). The damselfly genus *Mecistogaster* (Odonata: Pseudostigmatidae) from the Brazilian Atlantic Forest with a description of three new species and a neotype designation for *M. amalia* (Burmeister, 1839). *Zootaxa* 4668(2): 207-228) designated a neotype for the oldest available name, *Agrion amalia* Burmeister, 1839, and described three new species, *Meceistogaster kesselringi*, *M. mielkei* and *M. nordestina* based on characters of the anterior hamule, genital ligula and thoracic coloration. Their argument that Burmeister's description does not correspond to the type designated by Calvert is likely in error. Although the description is short, they interpreted 'bronze black' to refer to the color of the mesepimeron"; the "*Nigro-aeneum*" could easily refer to the mesepisternal, not the mesepimeral coloration thus agreeing with the type currently in the Martin-Luther-Universität, Zoologisches Institut, Halle, Germany. Their diagnostic characters of the presence or absence of an alula (the anterior blade-like structure of the anterior hamule) is almost certainly due to postmortem preservation (anterior hamule depressed within genital cavity thus obscuring alula). The diagnostic characters of the genital ligula in ectal view with one vs two lateral elevations, in lateral view with contour foot-shaped vs. not foot-shaped, and contour of genital ligula in lateral view with dorsal and ventral margin straight vs. undulate, as well as extent of reddish-brown on mesepisternal stripe, all seem to be due to individual variation or postmortem affects. Finally the authors apparently made no attempt to examine or inquire as to the status of any of the three earlier synonyms (*Mecistogaster filiformis* Rambur, 1842; *Mecistogaster leucostigma* Rambur, 1842 and *Mecistogaster virgata* Rambur, 1842) prior to describing the new species. Accordingly, we consider the three new names introduced in this paper as synonyms of the oldest name, *Agrion amalia* Burmeister.

15. Machado & Soldati Lacerda (2017). Revalidation of *Platystigma* Kennedy, 1920, with a synopsis of the *quadratum* species group and the description of three new species (Odonata: Pseudostigmatidae). *Zootaxa* 4242(3): 493-516) resurrected *Platystigma* Kennedy, 1920 (type species: *Mecistogaster jocaste* Hagen, 1869 [by original designation]) for *M. asticta* Selys, *M. buckleyi* McLachlan, *M. jocaste*, *M. martinizi* Machado, *M. pronoti* Sjöstedt and for three new species: *P. humaita*, *P. minimum*, and *P. quadratum*, based primarily on differences in genital ligula structure (terminal segment of genital ligula with a plate-like segment provided with small teeth or tufts of spines versus terminal segment with a flagellum in *Mecistogaster sensu stricto*). Machado & Soldati Lacerda also mentioned the lack of a supplementary pretarsal tooth for *Platystigma* (present in *Mecistogaster s. s.*) but numerous examples of *P. buckleyi* we have seen have a small pretarsal tooth that is intermediate in size between *Mecistogaster s. s.* and in the other species of *Platystigma*. The genital ligulae between *Mecistogaster* and *Platystigma* differ as stated by the authors, but the male cerci are similar in both genera—almost indistinguishable among some species. Two other characters, prothoracic length (not mentioned by the authors) and condition of the ovipositor teeth, differ within *Platystigma* further enlarging the concept of



that genus. The prothorax in numerous examples of *M. jocaste* available to us is proportionally longer than in other species and the ovipositor teeth in females of *M. jocaste* are small and microserrulate. The authors mentioned the latter character for females of other species (e. g. *P. astictum*) but this condition is not typical for other species included within *Platystigma*—including *M. buckleyi*. Since the authors had no first hand access to examples of the type species, *M. jocaste* nor of *M. buckleyi* and provide no reliable means for separating females of these two genera we continue to consider *Platystigma* a junior synonym of *Mecistogaster* pending further study.

16. *Mecistogaster marchali* var. *selysia* Navás has been examined by Machet, who informed us that it is a synonym of *M. modesta*.

17. *Hetaerina duplex* Selys: Garrison (1990. A synopsis of the genus *Hetaerina* with descriptions of four new species (Odonata: Calopterygidae). Transactions of the American Entomological Society 116(1): 175-259) separated *H. aurora* Ris from *H. duplex* Selys primarily by the presence (*H. aurora*) and absence (*H. duplex*) of red wingtips. Garrison was unable to distinguish between females of these two and he (1990: 210) discussed variation in *H. duplex* noting that "It is possible that *H. aurora* is a subspecies of *H. duplex*." A recent series of specimens of *H. aurora* collected from western Ecuador (Pinchincha Province, Mindo, streams near town, 0°3'20" S, 78°46'17" W, 28 January 2009) shows wingtip coloration to be variable—even within a single specimen. Three males have both fore and hind wingtips red while two others had hyaline wing tips. One other male had three red wingtips while the right fore wingtip was hyaline. The caudal appendages are the same in all and match those both for *H. aurora* and *H. duplex* and suggest a synonymy for both names.

18. *Hetaerina longipes* Hagen in Selys: A similar condition as stated above for *H. duplex* seems to exist for *H. hebe* (fore and hind wingtips red) versus *H. longipes* (only hind wingtips red); Garrison (1990: 215) suggested a possible synonymy of these two names ("...the overall morphology of the superior appendage allies it with the variable *H. longipes*, and it is possible that they represent the same species."). Male of *Hetaerina hebe*, with *both* red fore and hind wing tips, keys to *H. longipes* in Garrison (1990) and, again, suggests a synonymy of these two names.

19. *Hetaerina sanguinea* ab. *brevistyla* Selys, 1879 is an infrasubspecific taxon and is therefore not available for purposes of nomenclature.

20. *Euthore fasciata* form *sulphurata* De Marmels, 1982 is an infrasubspecific taxon and is therefore not available for purposes of nomenclature.

21. Sanchez-Herrera *et al.* (2017. A molecular systematic analysis of the Neotropica banner winged damselflies (Polythoridae Odonata. Systematic Entomology 43: 56-67) suggested transferring *Cora confusa*, *C. klenei* and *C. terminalis* to *Euthore* and *Cora aurea* and *C. chirripa chirripa* and *C. chirripa donnellyi* to *Miocora* based primarily on molecular evidence. However, their study leaves unresolved the status of *C. skinneri* which may be a synonym or polymorph of *C. chirripa* and the status of *C. semiopaca*, *C. notoxantha* and *C. xanthosoma* which, according to Fraser and Herman (1993. Territorial and reproductive behaviour in a sympatric species complex of the neotropical damselfly *Cora* Selys (Zygoptera Polythoridae). Odonatologica 22(4): 411-429) may be polymorphs of *Cora semiopaca*. We have left the species in question in their present genera pending further studies of this complex group.

**22. *Aeshna clepsydra*** with synonyms *arundinacea* Selys 1872 and *maxima* Heikel in Hisinger 1861. The latter two names have often been included as synonyms of *A. clepsydra*. Our reason for their deletion is based on a footnote by Walker to Muttkowski (1910. Cat. Odon.: 109):

"Walker in litteris Aug. 14, 1909: 'The synonyms given by you do not belong to the true clepsydra. *A. arundinacea* and *maxima* I have not seen: It is very probable that the first at least is a good species.'" And, "Walker in litteris, Sept. 24, 1909: 'Some of the references ... do not refer to true clepsydra...I am quite sure *arundinacea* is not clepsydra, but as I have not seen the type it is probably best to let it stand as a synonym of the latter on the authority of Martin'."

Curiously, we can find no mention of these little-used names in Walker's 1912 monograph. The original description of *arundinacea* is based on a female from "Irkutsk", and Selys states it is similar to Siberian *A. juncea*. According to Dr. Matti Hämäläinen, University of Helsinki, *A. maxima*, described from specimens from Finland (Hämäläinen, M. 2008. Ukonkorennot *crenata* ja *maxima* - hieman historiaa. Suomen Sudenkorentoseuran julkaisuja – Crenata 1: 35-37) is a junior synonym of the Old World *Aeshna crenata* Hagen. We have found no records of *clepsydra* occurring anywhere in the Palearctic, and we strongly suspect that *arundinacea* refers to a species other than the North American *clepsydra* (see: Valle, K.J. 1921. Zur Kenntnis der Odonatenfauna Finlands II. Die Finnischen Arten der *Aeshna crenata*-Gruppe und ihre Deutung. Acta Societis pro Fauna et Flora Fennica 48(4): 1-28).

**23. *Anomalophlebia nitida*** Belle, 1995. This name was applied to a single female from Venezuela. Garrison, von Ellenrieder & Louton (2010. Damselfly genera of the New World. An illustrated and annotated key to the Zygoptera. The Johns Hopkins University Press, page 399) mentioned a probable synonymy of this name with *Desmogomphus tigriventris* Williamson, 1920 based on correspondence with J. De Marmels. This name was later formally synonymized by De Marmels ("2007" [2010] Reportes de Odonata nuevos para Venezuela. Entomotropica 22(1): 45-47).

**24.** A recent paper on the phylogenetic relationships of the North American Gomphidae (Ware, J.L., E. Pilgrim, M.L. May, T.W. Donnelly, and K. Tennessen. 2016. Phylogenetic relationships of North American Gomphidae and their close relatives. Systematic Entomology 42(2): 347–358) raised various subgenera of the Nearctic complex of *Gomphus* to generic rank. Included are: *Gomphurus*, *Hylogomphus*, *Phanogomphus* and *Stenogomphurus*. The genus *Gomphus* is now restricted to Old World species.

**25.** Both Dr. Ken Tennessen and Mr. Carl Cook informed us that *Neurocordulia clara* Muttkowski is closely related to *N. molesta*, although Cook believes *N. clara* a good species. We have treated it as a synonym of *N. molesta*.

**26.** Dr. Ken Tennessen (*in litt.*) informed us that he believes *Epitheca williamsoni* Muttkowski is a probable synonym of *E. costalis*.

**27. *Erythrodiplax bromeliicola*. *Diplax fraterna*** Hagen, 1873 was introduced as a *nomen nudum* and this name, mentioned in various listings pertinent to the Antillean odonate fauna, was made available by Ris (Ris, F., 1911. Collections Zoologiques du Baron Edm. de Selys Longchamps. Catalogue systématique et descriptif. Libellulinen 4. 12: 385-528) in his key to the forms of *E. connata* (1911: 498-499) and description (1911: 508-509) of material housed in the Selys collection. Although the name *fraterna* has been listed as a junior synonym of *E. connata*, the latter species is not presently known to occur in Cuba. Based on Ris' key and description, *E.*

*connata fraterna* Ris is apparently an older name for *E. bromeliicola* Westfall in Needham, Westfall & May, 2000. However the name *fraterna* has not been in use (except in catalogs and various listings) since 1911 and we have preserved the name *bromeliicola* in accordance with Article 23.9.1.2 of the International Code of Zoological Nomenclature.

28. *Erythrodiplax corallina*. The late Dr. Gerhard Jurzitza had informed us (*in litt.*) that the description of Navás' *Sympetrum medium* unquestionably refers to *E. corallina*.

29. Philippe Machet (*in litt.*) believes that *Nadiplax diversa* Navás may actually be an *Erythrodiplax*, and possibly a synonym of a later described species.

30. *Libellula bifasciata* Blanchard. The type for this old, forgotten name was discovered by Lieftinck to be *L. semifasciata*, not *L. pulchella*, according to Dr. M. J. Westfall, Jr. (*pers. comm.*). We think it best to consider *L. bifasciata* a *nomen oblitum*.

31. P. Machet (*in litt.*) informed us that *Macrothemis rochai* is a probable synonym of *M. inacuta*.

32. P. Machet (*in litt.*), who has examined the types of *Dythemis flavopunctata* and *Brechmorhoga flavoannulata*, considers them synonyms. The species is presently considered a *Brechmorhoga*.

33. *Macrothemis inequiunguis* Calvert, 1895 was originally described as a species based on a series of specimens from Baja California. It has subsequently been considered to be a separate species or a subspecies of *M. tessellata* (Burmeister, 1839) the latter described from a single female from Brazil. Although some Odonatologists consider *M. inequiunguis* to be a valid species May (May, M. L. 1998. *Macrothemis fallax*, a new species of dragonfly from Central America (Anisoptera: Libellulidae), with a key to male *Macrothemis*. International Journal Odonatology 1 (2): 146) was unable to find any differences between *Macrothemis tessellata* and *M. inequiunguis* nor can we based on examination of specimens from Mexico south through southeastern Brazil. We consider both names as synonymous.

34. P. Machet (*in litt.*), believes *Macrothemis valida* Navás to be a *Brechmorhoga*.

#### Status of specific names not mentioned in the NWOL:

25. *Enallagma optimolocus* Miller & Ivaie 1996. We strongly believe that this taxon is only a hybrid between *E. anna* and *E. carunculatum* for the following reasons: No females of *E. optimolocus* have been collected and this "species" has always been collected where the two parental types occur. Examination of two paratypes and the Oregon male, the last kindly loaned to RWG by Dr. Ken Tennessen, show appendage morphology intermediate between the parental types. Hybridization between other *Enallagma* species is known and hybrids intermediate in appendage morphology have been produced in the laboratory and occur in nature for two closely related species, *Ischnura denticollis* and *I. gemina*.

26. *Skiallagma baueri* Förster, 1906. Examination of a syntype male from the University of Michigan, Ann Arbor, shows this taxon to be a junior synonym of *Xiphiagrion cyanomelas* Selys 1876, a Palearctic species (Garrison, R.W., 2012. *Skiallagma baueri* Förster 1906, a geographically misplaced damselfly, is a junior synonym of *Xiphiagrion cyanomelas* Selys 1876

(Odonata: Coenagrionidae). Zootaxa 3514: 84–88.). Consequently, *Skiallagma baueri* is deleted from the New World List.

**27. *Sobobapteron kirkbyae*** Pierce 1965. This species was described (Pierce, W. D. 1965. Fossil arthropods of California 26. Three new fossil insect sites in California. Bulletin Southern California Academy of Sciences. 64(3):157-162) from a wingtip supposedly of Permian origin. According to a later paper by Carpenter (Carpenter, F. M. 1968. The affinities of the genus *Sobobapteron* Pierce. Bulletin Southern California Academy of Sciences. 67(4):263-264), the wing which appears to be of Pleistocene origin, is apparently that of an extant *Enallagma* species. Mrs. L. K. Gloyd in correspondence with Carpenter was "of the opinion that the fossil wing could very well have belonged to *Enallagma clausum* Morse, which now occurs in California...". It is presently impossible to associate this fossil with any extant species (if it does represent an extant species). We will continue to consider *Sobobapteron* as a synonym of *Enallagma*, but the status of the species *kirkbyae* will remain unclear until further evidence showing it to be a synonym of a recent species in *Enallagma* is forthcoming.

**28. *Ophiogomphus? menetriessii*** Selys, 1854. The status of this name was discussed by Garrison (1994. A revision of the New World genus *Erpetogomphus* Hagen in Selys (Odonata: Gomphidae). Tijdschrift voor Entomologie 137:173-269), who argued that it should be considered a *nomen dubium*.

**29. *Phanogomphus williamsoni*** (Muttkowski, 1910). The name refers to a single specimen which is most likely a hybrid between *Phanogomphus graslinellus* and *P. lividus* (Needham, Westfall & May, 2000. Dragonflies of North America. Revised Edition. Scientific Publishers, Inc. xv + 939 pp.).

**30. *Mitragomphus ganzanus*** Needham, 1944. Comparison of the detailed illustrations of the accessory genitalia in Garrison *et al.* (Garrison, R.W., N. von Ellenrieder and J.A. Louton, 2006. The dragonfly genera (Odonata: Anisoptera) of the New World: An illustrated and annotated key. The Johns Hopkins University Press, p. 114), and photos of the of the holotype and only known specimen show it to represent *Gomphidia kirschii* Selys, 1878, a species endemic to the Philippines. The species is discussed in: Garrison, R. W., K-D. B. Dijkstra, M. Hämäläinen & R. J. T. Villanueva. 2015. *Mitragomphus ganzanus* Needham, 1944, a geographically misplaced dragonfly, is a junior synonym of *Gomphidia kirschii* Selys, 1878 (Odonata: Gomphidae), Zootaxa 3911 (2): 280–286.

**31. *Macromia wabashensis*** Williamson, 1909. Until recently, consensus among most U.S. Odonatologists was to treat *Macromia wabashensis* as a synonym or color form (polymorph) of *M. taeniolata*. Secondary genitalia including the shape of the tip of the hamule for *M. pacifica*, *M. wabashensis*, and *M. taeniolata* is similar. Williamson (1909 Proc. U. S. Nat. Museum 37: 369-398.) reports captures of *M. wabashensis* with *Macromia taeniolata* and *M. pacifica*, which suggests the possibility that *M. wabashensis* is a hybrid between *M. pacifica* and *M. taeniolata*. Other mostly non-published data suggest the occurrence of both *M. pacifica* and *M. taeniolata* wherever *M. wabashensis* has been collected. Like Dunkle (1995. Conservation of dragonflies (Odonata) and their habitats in North America. page 23 in Corbet, P. S., S. W. Dunkle, H. Ubukata, eds. Proceedings of the International symposium on the conservation of dragonflies and their habitats. Japanese Society for the Preservation of Birds, Kushiro, xii + 1-70), we are doubtful of according species status to *M. wabashensis*. Acquisition of more specimens and the

discovery of the female may help to determine its true status. We suggest that multivariate morphometric analyses of available specimens of *M. wabashensis* and samples of *M. taeniolata* and *M. pacifica* from zones of sympatry with *M. wabashensis* may provide evidence about whether *M. wabashensis* is a hybrid.

**Subgeneric names not mentioned in the NWOL:**

32. Suggested as subgenera of *Aeshna*, now *Rhionaeschna*: *Hesperaschna* (Cockerell, 1913); *Marmaraeschna* (Calvert, 1952); *Schizuraeschna* (Calvert, 1952).

33. Suggested as subgenera of *Epiptera*: *Epicordulia* Selys, 1871; *Tetragoneuria* Burmeister, 1839.

34. Suggested as subgenus of *Neocordulia*: *Mesocordulia* May, 1992.