



An updated checklist of Neotropical Plecoptera

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Abstract

Since the publication of the Catalogue of Neotropical Plecoptera of Froehlich in 2010, the description of 85 new species and further taxonomical changes raises the number of valid names to 596, most of them belonging to the highly speciose *Anacroneuria*.

Key words: Stoneflies, list, South America, Central America

Introduction

The most relevant list of South American Plecoptera is the catalogue of Froehlich (2010), that covers all the literature until 2009. Most information for each species is included in Froehlich's catalogue (e.g. authors, pp, figures, holotype sex and distribution, collectors, museum of deposit, synonymies, etc.) and it mentions 508 valid names for the six families represented in South America (Austroperlidae, Diamphipnoidae, Eustheniidae, Gripopterygidae, Notonemouridae and Perlidae).

Froehlich (2010) mentions 28 genera and 85 species of Gripopterygidae, and 393 Perlidae, including 332 *Anacroneuria* Klapálek. But nevertheless, we count 27 genera and 86 species of Gripopterygidae, 389 Perlidae, and 329 *Anacroneuria* (see Tables 4 and 6), for a final number of 505 valid names for extant taxa.

From 2010 to October 2019, 91 new species have been described (see Tables 1–6), *Diamphipnopsis samali* Illies and *Kempnyia barbiellinii* Navás, fell in synonymy (Murányi *et al.* 2016, Froehlich 2011), *Nemoura rufescens* Blanchard (previously treated as *nomen nudum* or *nomen oblitum*) was redescribed under *Austronemoura* Aubert (Murányi *et al.* 2016), and *Perla stictica* Blanchard (previously treated as *nomen nudum* or *nomen oblitum*) was treated as *nomen dubium* under *Neonemura* Navás (Murányi *et al.* 2016), reaching a final number of 596 valid names for extant taxa. This number includes nine Diamphipnoidae, two Eustheniidae, four Austroperlidae, 21 Notonemouridae, 109 Gripopterygidae and 451 Perlidae.

Of the 91 species described since 2010, four have been described for Diamphipnoidae (*Diamphipnoa* Gerstaecker: 3, *Diamphipnopsis* Illies: 1); 23 for Gripopterygidae (*Andiperla* Aubert: 1; *Chilenoperla* Illies: 1, *Claudioperla* Illies: 3, *Gripopteryx* Pictet: 3, *Paragripopteryx* Enderlein: 3, *Tupiperla* Froehlich: 12); one for Notonemouridae (*Neonemura*), and 63 for Perlidae (*Anacroneuria*: 53, *Enderleina* Jewett: 2, *Kempnyia* Klapálek: 7, *Macrogynoplax* Enderlein: 1). In the figure 1 we show the percentage of Neotropical genera and species.

In South America, two components of different origin can be distinguished: The Neotropical widespread taxa, represented by Perlidae and Gripopterygidae in most SA, and the Patagonian taxa (mainly Antarctoperlaria), restricted to the Patagonian mountains, represented by the six families known in the region. The number of genera and species is unevenly distributed (Fig. 2) in these two components. In Patagonia, the six families are represented by 38 genera and 87 species, while in the Neotropics there are 12 genera and 510 species. The diversity of Neotropical stoneflies is dominated by the highly speciose *Anacroneuria*, with 382 species currently known.

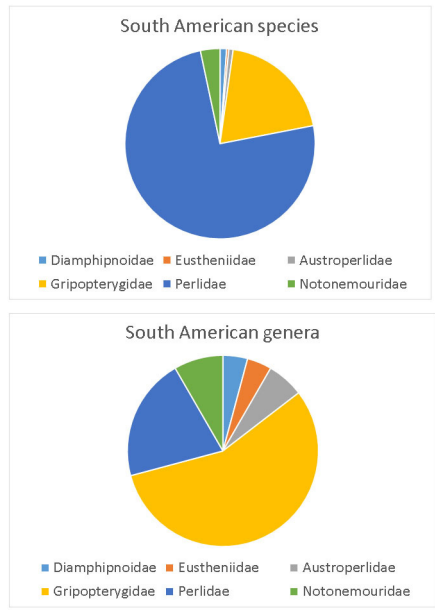


FIGURE 1. Graph showing the percentage of South American genera and species.

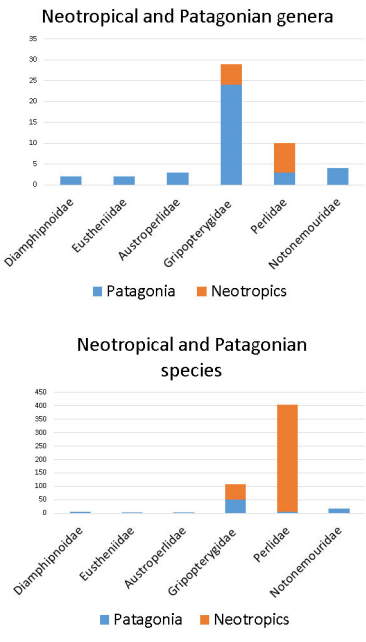
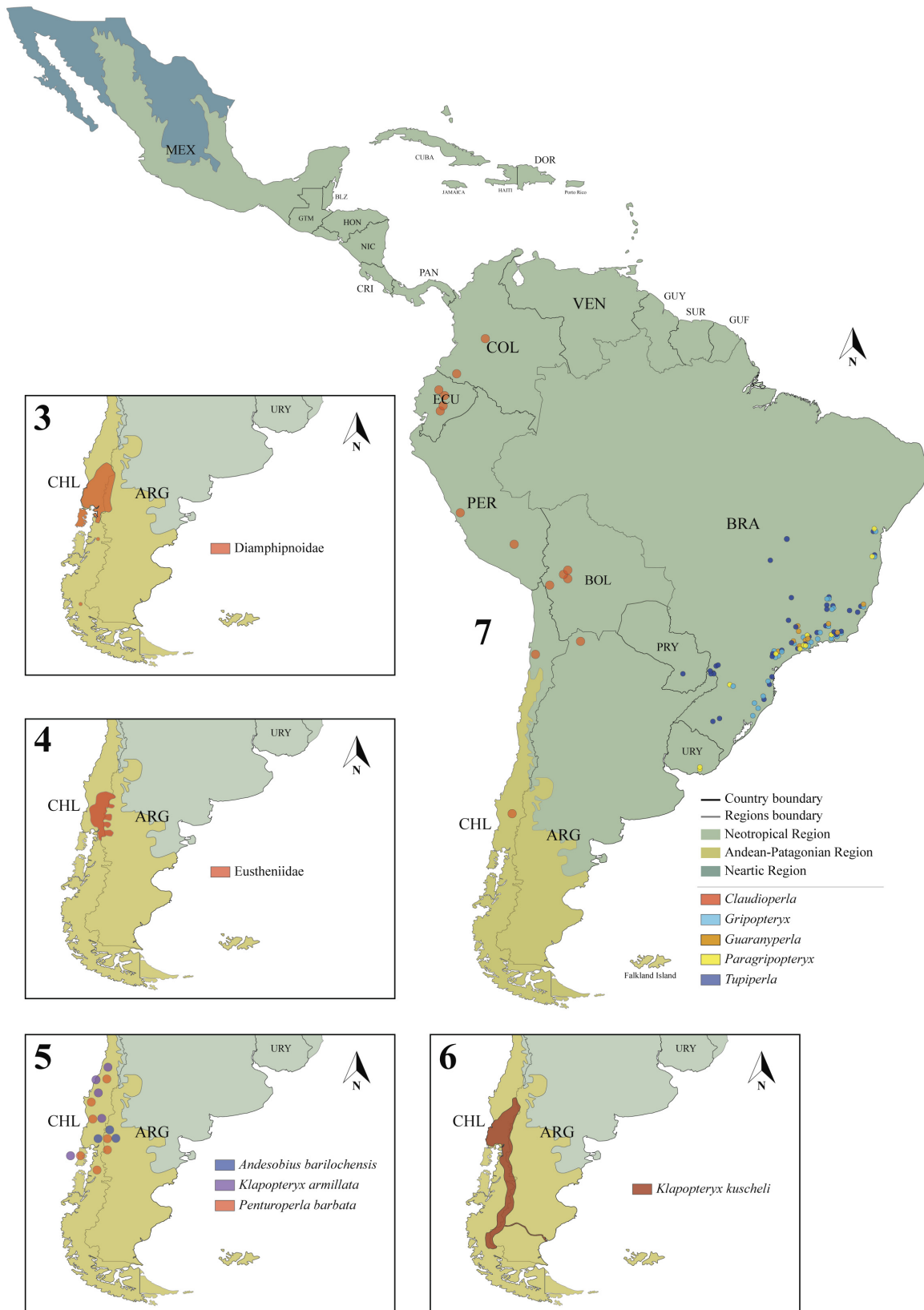
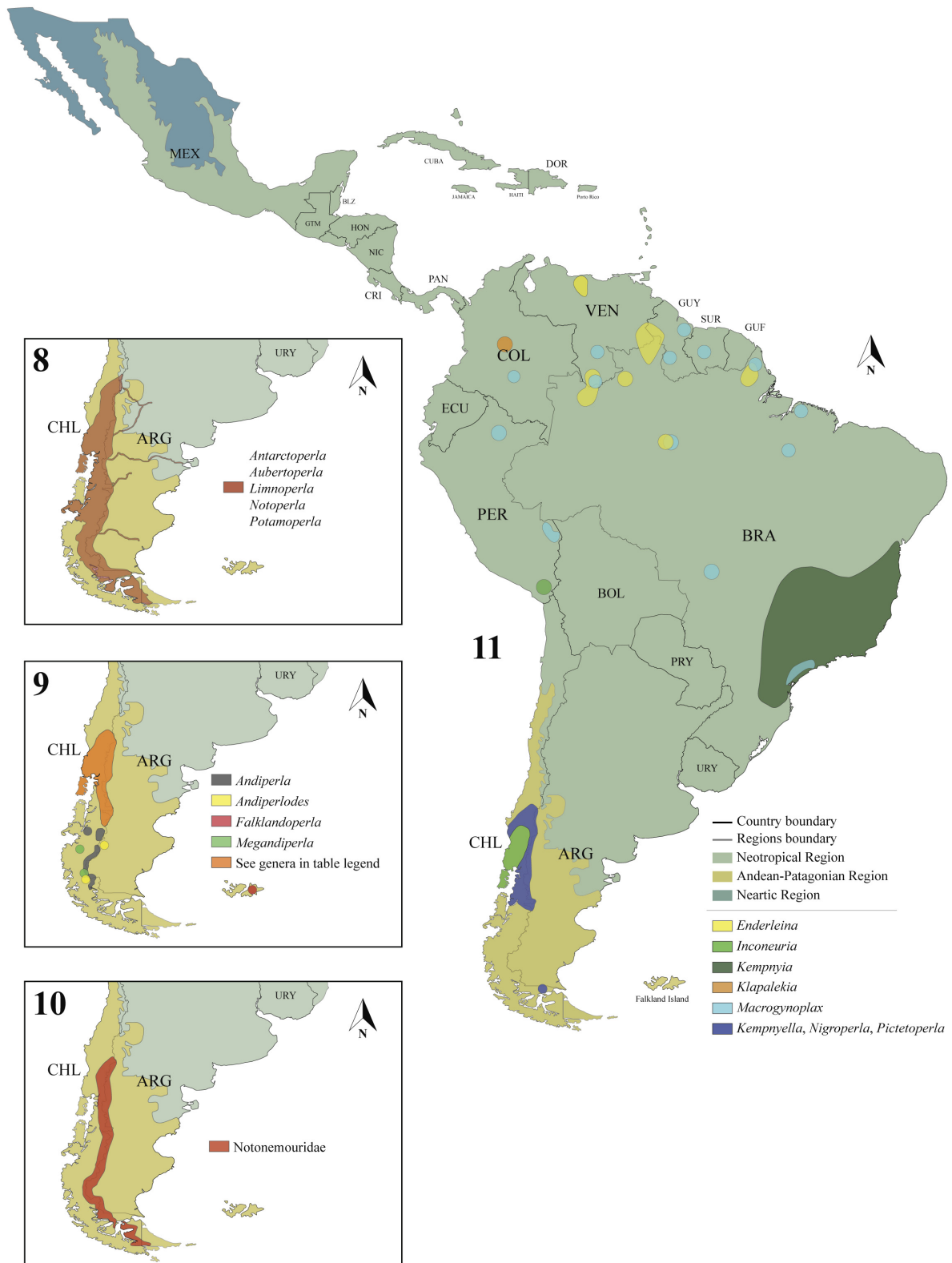


FIGURE 2. Comparative graph showing the number of genera and species for Neotropical and Patagonian genera and species.



FIGURES 3–7. 3, map showing the distribution of Diamphipnoidae in Argentina and Chile. 4, map showing the distribution of Eustheniidae in Argentina and Chile. 5, map showing the distribution of Austroperlidae (excluding *Klapopteryx kuscheli*) in Argentina and Chile. 6, map showing the distribution of *Klapopteryx kuscheli* (Austroperlidae). 7, map showing the distribution of Gripopterygidae in South America (excluding the Patagonian taxa).



FIGURES 8–11. 8, map showing the distribution of Patagonian Gripopterygidae widespread taxa: *Antarctoperla*, *Aubertoperla*, *Limnoperla*, *Notoperla* and *Potamoperla*. 9, map showing the distribution of Patagonian Gripopterygidae of restricted distribution. In orange the distribution of *Alfonsoperla*, *Araucanioperla*, *Ceratoperla*, *Chilenoperla*, *Ericiataperla*, *Neopentura*, *Notoperlopsis*, *Pelurgoperla*, *Plegoperla*, *Uncicauda*, *Rhithroperla*, *Senzilloides* and *Teutoperla*. 10, map showing the distribution of Notonemouridae. 11, map showing the distribution of Perlidae (excluding *Anacroneuria*) in South America. The country of origin of *Onychoplax* is uncertain, thus, we do not include it in the map.



FIGURE 12. Map showing the distribution of *Anacroneuria* in America.

In the last years, several new taxa have been described in Patagonia (e.g. Murányi *et al.* 2016; Pessacq 2009, 2019; Vera 2006, 2012, 2017, 2018), and a few more taxa will be described in the years to come. In the Neotropics, new taxa are being described continuously (mainly in Gripopterygidae and *Anacroneuria*), and many probable new species are known to the authors (Table 8), and we are far away from a fair knowledge of the neotropical stonefly fauna, but the new generations of taxonomist from South America, mainly from Brazil, Colombia, Costa Rica and Panamá, working on a solid foundation created by their predecessors, are working towards a better understanding of this fauna.

In the present checklist, we restrict the information to specie’s authors and country of distribution. In the literature, we include that of all the species described since 2010; complete references for species described prior to that year are included in Froehlich (2010). The distribution of the families and some genera is

presented in the figures 3–12; in the case that the distribution is represented by a color dot, the distribution was taken from literature, if it is represented by a color area, it represents presumptive distribution.

Even though Chile and part of Mexico and Argentina are not included in the Neotropical region in up to date classifications (e.g., Morrone 2014), for practical reasons we include here all the fauna of Argentina, Chile and Mexico, and will refer to this area as the Neotropical region in a wide sense.

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Tables

Neotropical species of Stoneflies (Plecoptera)

Abbreviations: Argentina (ARG), Belize (BLZ), Bolivia (BOL), Brazil (BRA), Chile (CHL), Colombia (COL), Costa Rica (CRI), Dominican Republic (DOR), Ecuador (ECU), Guatemala (GTM), French Guiana (GUF), Guyana (GUY), Honduras (HND), Nicaragua (NIC), Mexico (MEX), Panama (PAN), Paraguay (PRY), Peru (PER), Surinam (SUR), Trinidad and Tobago (TTO), United States (USA), Uruguay (URY), Venezuela (VEN).

* *Nomen dubium*.

° Species inquirenda.

× Generic position uncertain.

For faster recognition in the list, the species described after 2009, not included in the catalogue of Froehlich (2010) are indicated with +.

TABLE 1. Diamphipnoidae species with its respective species records.

Nº	Species	Author, year	Geographical distribution
<i>Diamphipnoa</i> Gerstaecker, 1873: ARG, CHL			
1.	<i>D. annulata</i>	(Brauer, 1869)	CHL
2.	<i>D. caicaivilu</i> +	Vera, 2017	CHL
3.	<i>D. chillanensis</i> +	Murányi, Gamboa & Vera, 2016	CHL
4.	<i>D. colberti</i>	Stark, 2008	CHL
5.	<i>D. fresiae</i> +	Vera, 2018	CHL
6.	<i>D. helgae</i>	Illies, 1960	ARG, CHL
<i>Diamphipnopsis</i> Illies, 1960: ARG, CHL			
1.	<i>D. beschi</i>	Illies, 1960	CHL
2.	<i>D. oncolensis</i> +	Vera, 2018	CHL
3.	<i>D. virescentipennis</i>	(Blanchard, 1851)	ARG, CHL

TABLE 2. Eustheniidae species with its respective species records.

Nº	Species	Author, year	Geographical distribution
		<i>Neuroperla</i> Illies, 1960: ARG, CHL	
1.	<i>N. schedingi</i>	(Navás, 1929)	ARG, CHL
		<i>Neuroperlopsis</i> Illies, 1960: CHL	
1.	<i>N. patris</i>	Illies, 1960	CHL

TABLE 3. Austroperlidae species with its respective species records.

Nº	Species	Author, year	Geographical distribution
		<i>Andesobius</i> McLellan 2001: ARG, CHL	
1.	<i>A. barilochensis</i>	(Illies, 1960)	ARG, CHL
		<i>Klapopteryx</i> Navás, 1928: ARG, CHL	
1.	<i>K. armillata</i>	Navás, 1928	ARG, CHL
2.	<i>K. kuscheli</i>	Illies, 1960	ARG, CHL
		<i>Penturoperla</i> Illies, 1960: ARG, CHL	
1.	<i>P. barbata</i>	Illies, 1960	ARG, CHL

TABLE 4. Gripopterygidae species with its respective species records.

Nº	Species	Author, year	Geographical distribution
		<i>Alfonsoperla</i> McLellan & Zwick, 2007: ARG, CHL	
1.	<i>A. flinti</i>	McLellan & Zwick, 2007	ARG, CHL
		<i>Andiperla</i> Aubert, 1959: ARG, CHL	
1.	<i>A. morenensis</i>	Pessacq & Rivera, 2019	ARG
2.	<i>A. willinki</i>	Aubert, 1959	ARG, CHL
		<i>Andiperlodes</i> Illies, 1963: ARG, CHL	
1.	<i>A. holdgatei</i>	Illies, 1963	CHL
2.	<i>A. tehuelche</i>	Pessacq, 2009	ARG
		<i>Antarctoperla</i> Enderlein, 1905: ARG, CHL	
1.	<i>A. altera</i>	Zwick, 1973	CHL
2.	<i>A. michaelseni</i>	(Klapálek, 1904)	ARG, CHL
		<i>Araucanioperla</i> Illies, 1963: ARG, CHL	
1.	<i>A. brincki</i>	(Froehlich, 1960)	CHL
2.	<i>A. bullockii</i>	(Navás, 1933)	ARG, CHL
		<i>Aubertoperla</i> Illies, 1963: ARG, CHL	
1.	<i>A. illiesi</i>	(Froehlich, 1960)	ARG, CHL
2.	<i>A. kuscheli</i>	Illies, 1963	ARG, CHL
		<i>Ceratoperla</i> Illies, 1963: ARG, CHL	
1.	<i>C. fazi</i>	(Navás, 1934)	ARG, CHL
2.	<i>C. schwabei</i>	Illies, 1963	CHL

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TABLE 4. (Continued)

N°	Species	Author, year	Geographical distribution
<i>Chilenoperla</i> Illies, 1963: ARG, CHL			
1.	<i>C. beschi</i>	Illies, 1963	CHL
2.	<i>C. elongata</i>	Vera, 2008	ARG, CHL
3.	<i>C. illiesi</i>	Nelson, 1973	CHL
4.	<i>C. puelche+</i>	Vera, 2012	CHL
5.	<i>C. semitincta</i>	Illies, 1963	ARG, CHL
<i>Claudioperla</i> Illies, 1963: ARG, CHL, BOL, COL, ECU, PER			
1.	<i>C. moyai+</i>	Gibon & Molina, 2013	BOL
2.	<i>C. rosalesi+</i>	Gibon & Molina, 2013	BOL
3.	<i>C. ruhieri+</i>	Gibon & Molina, 2013	BOL
4.	<i>C. tigrina</i>	(Klapálek, 1904)	ARG, BOL, CHL, ECU, PER
<i>Ericiataperla</i> Vera, 2016: ARG, CHL			
1.	<i>E. puerilis</i>	(Illies, 1963)	ARG, CHL
<i>Falklandoperla</i> McLellan, 2001: ARG			
1.	<i>F. kelper</i>	McLellan, 2001	ARG
<i>Gripopteryx</i> Pictet, 1841: BRA, URY			
1.	<i>G. brasiliensis</i>	(Šámal, 1921)	BRA
2.	<i>G. cancellata</i>	(Pictet, 1841)	BRA
3.	<i>G. caparao+</i>	Gonçalves, Novaes & Salles, 2017	BRA
4.	<i>G. clemira+</i>	Lecci & Froehlich, 2011	BRA
5.	<i>G. coruja</i>	Froehlich, 1993	BRA
6.	<i>G. elisae</i>	Illies, 1964	BRA
7.	<i>G. flinti</i>	Froehlich, 1993	BRA
8.	<i>G. garbei</i>	Navás, 1936	BRA
9.	<i>G. japi+</i>	Lecci & Froehlich, 2011	BRA
10.	<i>G. juetah</i>	Froehlich, 1990	BRA
11.	<i>G. liana</i>	Froehlich, 1993	BRA
12.	<i>G. maculosa</i>	Jewett, 1960	BRA
13.	<i>G. pardina</i>	Navás, 1936	BRA
14.	<i>G. pilosa</i>	Froehlich, 1990	BRA
15.	<i>G. pinima</i>	Froehlich, 1993	BRA
16.	<i>G. reticulata</i>	Brauer, 1866	BRA
17.	<i>G. serrei</i>	Navás, 1930	URY
18.	<i>G. serrensis</i>	Froehlich, 1993	BRA
<i>Guaranyperla</i> Froehlich, 2001: BRA			
1.	<i>G. beckeri</i>	Froehlich, 2001	BRA
2.	<i>G. guapiara</i>	Froehlich, 2001	BRA
3.	<i>G. nitens</i>	Froehlich, 2001	BRA

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TABLE 4. (Continued)

N°	Species	Author, year	Geographical distribution
<i>Limnoperla</i> Illies, 1963: ARG, CHL			
1.	<i>L. jaffueli</i>	(Navás, 1928)	ARG, CHL
<i>Megandiperla</i> Illies, 1960: CHL			
1.	<i>M. kuscheli</i>	Illies, 1960	CHL
<i>Neopentura</i> Illies, 1965: ARG, CHL			
1.	<i>N. semifusca</i>	Illies, 1965	ARG, CHL
<i>Notoperla</i> Enderlein, 1909: ARG, CHL			
1.	<i>N. archiplatae</i>	(Illies, 1958)	ARG, CHL
2.	<i>N. conspicua</i>	Froehlich, 1960	ARG
3.	<i>N. fasciata</i>	McLellan, 2006	ARG
4.	<i>N. fuegiana</i>	(Enderlein, 1905)	ARG
5.	<i>N. macdowalli</i>	McLellan & Mercado, 2005	CHL
6.	<i>N. magnaspina</i>	McLellan, 2006	ARG, CHL
7.	<i>N. tunelina</i>	(Navás, 1917)	ARG, CHL
<i>Notoperlopsis</i> Illies, 1963: ARG, CHL			
1.	<i>N. femina</i>	Illies, 1963	ARG, CHL
<i>Paragripopteryx</i> Enderlein, 1909: BRA, URY			
1.	<i>P. anga</i>	Froehlich, 1969	BRA
2.	<i>P. baratinii</i>	Benedetto, 1983	URY
3.	<i>P. blanda</i>	Froehlich, 1969	BRA
4.	<i>P. crassila</i>	(Jewett, 1960)	BRA
5.	<i>P. delicata</i>	Froehlich, 1994	BRA
6.	<i>P. egena</i>	Froehlich, 1994	BRA
7.	<i>P. guardae</i>	Froehlich, 1994	BRA
8.	<i>P. hamata</i>	Froehlich, 1994	BRA
9.	<i>P. intervalensis</i> ⁺	Bispo & Lecci, 2011	BRA
10.	<i>P. kapilei</i> ⁺	Bispo & Lecci, 2011	BRA
11.	<i>P. klapaleki</i>	Enderlein, 1909	BRA
12.	<i>P. merui</i>	Froehlich, 1994	BRA
13.	<i>P. munoai</i>	(Benedetto, 1969)	URY
14.	<i>P. paranapiacabae</i> ⁺	Bispo & Lecci, 2011	BRA
<i>Pehuenioperla</i> Vera, 2009			
1.	<i>P. llaima</i>	Vera, 2009	ARG, CHL
<i>Pelurgoperla</i> Illies, 1963: ARG, CHL			
1.	<i>P. personata</i>	Illies, 1963	ARG, CHL
<i>Plegoperla</i> Illies, 1963: ARG, CHL			
1.	<i>P. borggreenae</i>	Illies, 1965	CHL
2.	<i>P. punctata</i>	(Froehlich, 1960)	CHL

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TABLE 4. (Continued)

N°	Species	Author, year	Geographical distribution
Potamoperla Illies, 1963: ARG, CHL			
1.	<i>P. myrmidon</i>	(Mabille, 1888)	ARG, CHL
Rhithroperla Illies, 1963: ARG, CHL			
1.	<i>R. penai</i>	Illies, 1963	CHL
2.	<i>R. rossi</i>	(Froehlich, 1960)	CHL
Senzilloides Illies, 1963: ARG, CHL			
1.	<i>S. panguipullii</i>	(Navás, 1928)	ARG
Teutoperla Illies, 1963: CHL			
1.	<i>T. auberti</i>	Illies, 1965	CHL
2.	<i>T. brundini</i>	Illies, 1963	CHL
3.	<i>T. maulina</i>	Vera, 2006	CHL
4.	<i>T. rothi</i>	Illies, 1963	CHL
Tupiperla Froehlich, 1969: ARG, BRA, PRY			
1.	<i>T. amandae+</i>	Bispo & Lecci, 2011	BRA
2.	<i>T. amorimi+</i>	Froehlich, 2016	BRA
3.	<i>T. barbosa+</i>	Avelino-Capistrano & Nessimian, 2013	BRA
4.	<i>T. bispoi+</i>	Duarte, Lecci & Calor, 2014	BRA
5.	<i>T. eleonorae</i>	(Froehlich, 1994)	BRA
6.	<i>T. flinti</i>	Froehlich, 2002	ARG, PRY
7.	<i>T. froehlich+</i>	Bispo & Lecci, 2011	BRA
8.	<i>T. gracilis</i>	(Burmeister, 1939)	BRA
9.	<i>T. guariru+</i>	Duarte, Bispo & Calor, 2014	BRA
10.	<i>T. illiesi</i>	Froehlich, 1998	BRA
11.	<i>T. jumirim</i>	Bispo & Froehlich, 2007	BRA
12.	<i>T. misionera</i>	Froehlich, 2002	ARG, BRA
13.	<i>T. modesta</i>	Froehlich, 1998	BRA
14.	<i>T. oliveirai</i>	Froehlich, 1998	BRA
15.	<i>T. pessacqi+</i>	Duarte, Novaes & Bispo, 2019	BRA
16.	<i>T. pinhoi+</i>	Duarte, Novaes & Bispo, 2019	BRA
17.	<i>T. reichardti</i>	Froehlich, 1998	BRA
18.	<i>T. robusta</i>	Froehlich, 1998	BRA
19.	<i>T. sepeensis+</i>	Novaes & Bispo, 2016	BRA
20.	<i>T. serrulata+</i>	Duarte, Novaes & Bispo, 2019	BRA
21.	<i>T. sulina</i>	Froehlich, 1998	BRA
22.	<i>T. tessellata</i>	(Brauer, 1866)	BRA
23.	<i>T. ubuntu+</i>	Duarte, Novaes & Bispo, 2019	BRA
24.	<i>T. umbya</i>	Froehlich, 1998	BRA
25.	<i>T. zwicki+</i>	Duarte, Novaes & Bispo, 2019	BRA
Uncicauda McLellan & Zwick, 2007: ARG, CHL			
1.	<i>U. pirata</i>	McLellan & Zwick, 2007	CHL
2.	<i>U. testacea</i>	(Vera, 2006)	ARG, CHL

TABLE 5. Notonemouridae species with its respective species records.

Nº	Species	Author, year	Geographical distribution
<i>Austronemoura</i> Aubert, 1960: ARG, CHL			
1.	<i>A. araucoana</i>	Aubert, 1960	CHL
2.	<i>A. auberti</i>	McLellan & Zwick, 1996	CHL
3.	<i>A. caramavidensis</i>	Aubert, 1960	CHL
4.	<i>A. chilena</i>	Aubert, 1960	ARG, CHL
5.	<i>A. decipiens</i>	McLellan & Zwick, 1996	CHL
6.	<i>A. encoensis</i>	Aubert, 1960	CHL
7.	<i>A. eudoxiae</i>	Froehlich, 1960	CHL
8.	<i>A. flintorum</i>	McLellan & Zwick, 1996	CHL
9.	<i>A. quadrangularis</i>	Aubert, 1960	ARG, CHL
10.	<i>A. rufescens*</i>	(Blanchard, 1851)	CHL
<i>Neofulla</i> Claassen, 1936: ARG, CHL			
1.	<i>N. areolata</i>	Navás, 1929	ARG, CHL
2.	<i>N. biloba</i>	Aubert, 1960	ARG, CHL
3.	<i>N. spinosa</i>	(Aubert, 1960)	CHL
<i>Neonemura</i> Navás, 1919: ARG, CHL			
1.	<i>N. barrosi</i>	Navás, 1919	ARG, CHL
2.	<i>N. copa+</i>	Stark & Morse, 2013	CHL
3.	<i>N. illiesi</i>	Zwick, 1972	CHL
4.	<i>N. maculata</i>	Vera, 2008	CHL
5.	<i>N. stictica*</i>	Blanchard, 1851	CHL
<i>Udamocercia</i> Enderlein, 1909: ARG, CHL			
1.	<i>U. antarctica</i>	(Enderlein, 1905)	ARG
2.	<i>U. arumifera</i>	Aubert, 1960	ARG, CHL
3.	<i>U. frantzi</i>	Illies, 1961	ARG, CHL

TABLE 6. Perlidae species with its respective species records.

Nº	Species	Author, year	Geographical distribution
<i>Anacroneuria</i> Klapálek, 1909: ARG, BLZ, BOL, BRA, COL, CRI, ECU, GUF, GUY, GTM, HND, MEX, NIC, PAN, PER, PRY, SUR, TTO, URY, VEN			
1.	<i>A. achagua</i>	Stark, 1999	VEN
2.	<i>A. acutipennis</i>	Klapálek, 1923	CRI, GTM, PAN
3.	<i>A. adamsae</i>	Stark & Sivec, 1998	PER
4.	<i>A. aethiops</i>	(Walker, 1852)	MEX
5.	<i>A. alajuela</i>	Stark, 1998	CRI
6.	<i>A. albimacula</i>	Klapálek, 1921	COL
7.	<i>A. amargosa+</i>	Righi-Cavallaro & Froehlich, 2013 [<i>in</i> Righi-Cavallaro <i>et al.</i> , 2013]	BRA
8.	<i>A. amaru</i>	Stark, 2004	BOL

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TABLE 6. (Continued)

Nº	Species	Author, year	Geographical distribution
9.	<i>A. amazonica</i>	Froehlich, 2003	BRA
10.	<i>A. amboro</i>	Stark, 2004	BOL
11.	<i>A. anchicaya</i>	Baena & Zúñiga, 1999 [in Stark <i>et al.</i> , 1999]	COL, ECU
12.	<i>A. angusticollis</i>	(Enderlein, 1909)	COL, ECU
13.	<i>A. annularis*</i>	(Pictet, 1841)	BRA
14.	<i>A. annulicauda</i>	(Pictet, 1841)	BRA, GTM, HND, MEX, PAN
15.	<i>A. annulipalpis</i>	Klapálek, 1922	CRI, PAN
16.	<i>A. antica*</i>	(Navás, 1924)	CRI
17.	<i>A. antizana</i>	Stark, 2001	ECU
18.	<i>A. apicalis</i>	(Enderlein, 1909)	COL
19.	<i>A. apollinaris*</i>	(Navás, 1924)	COL
20.	<i>A. apuela+</i>	Stark & Gill, 2012 [in Stark <i>et al.</i> , 2012]	ECU
21.	<i>A. arawak</i>	Stark, 1999	SUR, GUF, GUY
22.	<i>A. arcabuco</i>	Zúñiga & Stark, 2006 [in Zúñiga <i>et al.</i> , 2006]	COL
23.	<i>A. arcuata</i>	Stark, 1995	VEN
24.	<i>A. aroucana</i>	Kimmins, 1948	TTO, VEN
25.	<i>A. arrazayalensis</i>	Orce, 2003	ARG
26.	<i>A. atrifons</i>	Klapálek, 1922	ARG, BRA, COL, ECU, PRY, PER
27.	<i>A. atrinota</i>	Jewett, 1959	PER
28.	<i>A. auca</i>	Stark, 2001	ECU
29.	<i>A. aurata</i>	Jewett, 1959	BRA
30.	<i>A. aymara</i>	Stark & Sivec, 1998	PER, EC
31.	<i>A. azul</i>	Rojas & Baena, 1999 [in Stark <i>et al.</i> , 1999]	COL, ECU, PAN
32.	<i>A. badilinea</i>	Jewett, 1959	ARG, BRA
33.	<i>A. bahiensis+</i>	Righi-Cavallaro & Froehlich, 2013 [in Righi-Cavallaro <i>et al.</i> , 2013]	BRA
34.	<i>A. bandido+</i>	Kondratieff & Armitage, 2019	PAN
35.	<i>A. baniva</i>	Stark, 1995	VEN
36.	<i>A. barbai+</i>	Mayorga, 2016	MEX
37.	<i>A. bari</i>	Stark, 1995	COL, ECU, VEN
38.	<i>A. barinas+</i>	Stark & Zúñiga, 2014	VEN
39.	<i>A. baumanni</i>	Stark & Kondratieff, 2004	MEX
40.	<i>A. benedettoi</i>	Stark, 1998	CRI, HND, PAN
41.	<i>A. bifasciata</i>	(Pictet, 1841)	COL, VEN
42.	<i>A. biloba*</i>	Klapálek, 1922	ECU
43.	<i>A. bipunctata</i>	Stark, 2004	PER
44.	<i>A. blanca</i>	Stark, 1995	BRA, VEN
45.	<i>A. blanda</i>	Needham & Broughton, 1927	COL, CRI, PAN

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TABLE 6. (Continued)

Nº	Species	Author, year	Geographical distribution
46.	<i>A. bolivari</i>	(Banks, 1914)	COL
47.	<i>A. boliviensis</i>	(Enderlein, 1909)	BOL
48.	<i>A. boraceiensis</i>	Froehlich, 2004	BRA
49.	<i>A. brailovskyi</i>	Stark & Kondratieff, 2004	MEX
50.	<i>A. brandaoi</i>	Bispo & Froehlich, 2004	BRA
51.	<i>A. brava+</i>	Mayorga & Contreras-Ramos, 2017	MEX
52.	<i>A. brunneilata</i>	Jewett, 1959	PER, ECU
53.	<i>A. buenoi</i>	Stark & Kondratieff, 2004	MEX
54.	<i>A. bulbosa</i>	Stark & Sivec, 1998	PER
55.	<i>A. cacute</i>	Stark & Maldonado, 2002	VEN
56.	<i>A. cajas</i>	Zúñiga & Vimos, 2006 [<i>in</i> Zúñiga <i>et al.</i> , 2006]	ECU
57.	<i>A. calima</i>	Baena & Rojas, 1999 [<i>in</i> Stark <i>et al.</i> , 1999]	COL
58.	<i>A. callanga</i>	Stark & Sivec, 1998	PER
59.	<i>A. calori+</i>	Duarte & Lecci, 2016	BRA
60.	<i>A. camposi</i>	(Banks, 1920)	ECU
61.	<i>A. cana</i>	Stark & Sivec, 1998	PER
62.	<i>A. canchi</i>	Stark & Sivec, 1998	PER
63.	<i>A. canelo</i>	Stark, 2001	ECU
64.	<i>A. caraa</i>	De Ribeiro & Froehlich, 2007	BRA
65.	<i>A. caraca</i>	Stark, 1995	COL, ECU, VEN
66.	<i>A. caraja</i>	Froehlich, 2002	BRA
67.	<i>A. carchi</i>	Stark, 2001	ECU
68.	<i>A. carole</i>	Stark, 2004	PER
69.	<i>A. cathia</i>	Froehlich, 2002	BRA
70.	<i>A. cayapa</i>	Stark, 2001	ECU
71.	<i>A. chachis</i>	Zúñiga & Vásconez, 2006 [<i>in</i> Zúñiga <i>et al.</i> , 2006]	ECU
72.	<i>A. chaima</i>	Stark, 1999	VEN
73.	<i>A. chavin</i>	Stark & Sivec, 1998	ECU, PER
74.	<i>A. chimborazo</i>	Stark, 2001	ECU
75.	<i>A. chipaya</i>	Stark & Sivec, 1998	BOL, COL
76.	<i>A. chiquita</i>	Stark, 1995	VEN
77.	<i>A. chiriqui+</i>	Stark & Armitage, 2018	PAN
78.	<i>A. choachi</i>	Stark & Zúñiga, 1999 [<i>in</i> Stark <i>et al.</i> , 1999]	COL
79.	<i>A. choco</i>	Stark & Bersosa, 2006 [<i>in</i> Zúñiga <i>et al.</i> , 2006]	COL, ECU, PAN
80.	<i>A. chorrera</i>	Stark, 1995	VEN
81.	<i>A. cincta*</i>	(Pictet, 1841)	MEX?, PAN
82.	<i>A. cipriano</i>	Zúñiga & Rojas, 1999 [<i>in</i> Stark <i>et al.</i> , 1999]	COL
83.	<i>A. citara</i>	Stark & Ortega, 2007 [<i>in</i> Zúñiga <i>et al.</i> , 2007]	COL

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TABLE 6. (Continued)

Nº	Species	Author, year	Geographical distribution
84.	<i>A. clarki</i> +	Stark & Baumann, 2011	BOL
85.	<i>A. claudiae</i>	Stark, 1999	VEN
86.	<i>A. cochabamba</i>	Stark, 2004	BOL
87.	<i>A. collaris</i>	(Navás, 1932)	BRA
88.	<i>A. contrerasi</i>	Stark & Kondratieff, 2004	MEX
89.	<i>A. corae</i> +	Bispo & Novaes, 2014 [<i>in Bispo et al.</i> , 2014]	BRA
90.	<i>A. cordillera</i>	Rojas & Zúñiga, 1999 [<i>in Stark et al.</i> , 1999]	COL
91.	<i>A. coroicana</i> *	(Navás, 1927)	BOL
92.	<i>A. coronata</i>	Needham & Broughton, 1927	HND, MEX
93.	<i>A. coscaroni</i>	Froehlich, 2002	ARG
94.	<i>A. cosnipata</i>	Stark & Sivec, 1998	PER
95.	<i>A. costalis</i> *	(Pictet, 1841)	BRA, MEX
96.	<i>A. costana</i>	(Navás, 1924)	CRI, MEX, PAN
97.	<i>A. cotacachi</i>	Stark, 2001	ECU
98.	<i>A. cotopaxi</i>	Stark, 2001	ECU
99.	<i>A. cruza</i>	Stark, 1995	COL, GUY, VEN
100.	<i>A. cuadrada</i>	Stark, 1995	VEN
101.	<i>A. curiosa</i>	Stark, 1998	CRI, NIC, COL, PAN
102.	<i>A. cushueme</i> +	Stark & Gill, 2012 [<i>in Stark et al.</i> , 2012]	ECU
103.	<i>A. cusi</i>	Stark, 2004	BOL
104.	<i>A. cuzco</i>	Stark & Sivec, 1998	BOL, PER
105.	<i>A. darien</i> +	Gutiérrez-Fonseca, 2015	PAN
106.	<i>A. debilis</i>	(Pictet, 1841)	ARG, BRA, PRY
107.	<i>A. diaphana</i>	Klapálek, 1921	BRA
108.	<i>A. digitata</i>	Stark, 1995	VEN
109.	<i>A. dilaticollis</i>	(Burmeister, 1839)	BRA, (doubtful: GTM, PRY, MEX, BOL)
110.	<i>A. dimidiata</i> *	(Navás, 1916)	COL
111.	<i>A. divisa</i>	(Navás, 1924)	CRI, NIC, PAN
112.	<i>A. dourada</i>	Jewett, 1960	BRA
113.	<i>A. egena</i> *	(Navás, 1916)	BRA
114.	<i>A. embera</i> +	Gutiérrez-Fonseca, 2015	PAN
115.	<i>A. exquisita</i>	Stark, 1998	CRI
116.	<i>A. farallonensis</i>	Rojas & Baena, 1993	COL
117.	<i>A. fenestrata</i>	(Pictet, 1841)	COL, VEN
118.	<i>A. fiorentini</i>	De Ribeiro & Froehlich, 2007	BRA
119.	<i>A. fittkaui</i>	Froehlich, 2003	BRA
120.	<i>A. flavicoronata</i>	Jewett, 1959	PER
121.	<i>A. flavifacies</i>	Jewett, 1958	MEX
122.	<i>A. flavifrons</i>	Jewett, 1959	PER

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TABLE 6. (Continued)

Nº	Species	Author, year	Geographical distribution
123.	<i>A. flavilatera</i> *	Klapálek, 1922	COL
124.	<i>A. flavolineata</i>	Jewett, 1958	GTM, MEX
125.	<i>A. flavominuta</i>	Jewett, 1958	GTM, HND, MEX, PAN
126.	<i>A. flinti</i>	Stark & Sivec, 1998	PER
127.	<i>A. flintorum</i>	Froehlich, 2002	BRA
128.	<i>A. forcipata</i>	Rojas & Baena, 1999 [<i>in Stark et al.</i> , 1999]	COL
129.	<i>A. fulvipennis</i> *	(Navás, 1934)	CRI
130.	<i>A. fumigata</i>	Klapálek, 1922	BRA
131.	<i>A. furfurosa</i>	Jewett, 1960	BRA
132.	<i>A. fuscescens</i> *	(Navás, 1927)	BOL
133.	<i>A. fuscicosta</i>	(Enderlein, 1909)	ARG, BRA
134.	<i>A. galba</i>	Jewett, 1960	BRA
135.	<i>A. genualis</i>	(Navás, 1932)	BRA
136.	<i>A. guaikuru</i>	Froehlich, 2007	BRA
137.	<i>A. guambiana</i>	Zúñiga & Stark, 1999 [<i>in Stark et al.</i> , 1999]	COL, ECU
138.	<i>A. guanacaste</i> +	Stark, 2014	CRI
139.	<i>A. guayaquil</i>	Zúñiga & Rojas, 1999 [<i>in Stark et al.</i> , 1999]	COL, ECU
140.	<i>A. hacha</i>	Stark, 1998	CRI
141.	<i>A. handlirschi</i>	Klapálek, 1922	ARG, BOL, PER
142.	<i>A. harperi</i>	Stark, 1998	COL, PAN
143.	<i>A. hemiphaea</i> °	(Navás, 1936)	BRA
144.	<i>A. heppneri</i>	Stark & Sivec, 1998	PER
145.	<i>A. hieroglyphica</i>	(Enderlein, 1909)	ECU
146.	<i>A. holzenthali</i>	Stark, 1998	CRI, HND, NIC
147.	<i>A. hoogstraali</i>	Jewett, 1958	MEX
148.	<i>A. huayna</i>	Stark, 2004	PER
149.	<i>A. hyalina</i>	(Pictet, 1841)	BRA
150.	<i>A. ignatiana</i> °	(Navás, 1923)	ARG
151.	<i>A. iguaque</i>	Zúñiga & Stark, 2006 [<i>in Zúñiga et al.</i> , 2006]	COL
152.	<i>A. iguazu</i> +	Novaes & Bispo, 2014	BRA
153.	<i>A. impensa</i>	Jewett, 1959	ARG, BRA
154.	<i>A. inca</i>	Stark & Sivec, 1998	PER
155.	<i>A. intermixta</i>	(Walker, 1852)	VEN
156.	<i>A. inza</i>	Zúñiga & Stark, 2002	COL
157.	<i>A. iporanga</i>	Bispo & Froehlich, 2004	BRA
158.	<i>A. iridescens</i>	Klapálek, 1922	BOL, PER, VEN
159.	<i>A. isleta</i>	Stark, 1994	TTO
160.	<i>A. itajaimirim</i>	Bispo & Froehlich, 2004	BRA
161.	<i>A. itatiaiensis</i> +	Baldin, Bispo & Novaes, 2013	BRA

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TABLE 6. (Continued)

Nº	Species	Author, year	Geographical distribution
162.	<i>A. izapa</i>	Stark & Kondratieff, 2004	MEX
163.	<i>A. jaciara</i>	Bispo & Neves, 2005 [<i>in Bispo et al.</i> , 2005]	BRA
164.	<i>A. jewetti</i>	Stark, 2001	COL, ECU
165.	<i>A. jivaro</i>	Stark, 2001	ECU
166.	<i>A. karina</i>	Stark, 1999	VEN
167.	<i>A. kariri</i> ⁺	Righi-Cavallaro & Lecci, 2013 [<i>in Righi-Cavallaro et al.</i> , 2013]	BRA
168.	<i>A. kayceae</i> ⁺	Kondratieff & Gill, 2012 [<i>in Stark et al.</i> , 2012]	ECU
169.	<i>A. kitchensi</i>	Stark, 2001	ECU
170.	<i>A. kondratieffi</i>	Stark, 2001	ECU
171.	<i>A. lacunaris</i> [*]	(Navás, 1934)	ECU
172.	<i>A. lacunosa</i> ^o	(Navás, 1926)	BRA
173.	<i>A. laminata</i>	Klapálek, 1923	BRA
174.	<i>A. laru</i> ⁺	Gutiérrez-Fonseca, 2015	PAN, CRI
175.	<i>A. latissima</i> [*]	Klapálek, 1921	COL
176.	<i>A. lencoensis</i> ⁺	Righi-Cavallaro & Lecci, 2013 [<i>in Righi-Cavallaro et al.</i> , 2013]	BRA
177.	<i>A. lepida</i>	Klapálek, 1923	BRA
178.	<i>A. lestagei</i> [*]	(Šámal, 1921)	PAR
179.	<i>A. lineata</i>	(Navás, 1924)	BLZ, CRI, GTM, HND, MEX, PAN, NIC
180.	<i>A. litura</i>	(Pictet, 1841)	BLZ, HND, MEX, NIC, USA
181.	<i>A. llana</i>	Stark, 1995	GUY, VEN
182.	<i>A. longicauda</i>	(Pictet, 1841)	BRA, ECU
183.	<i>A. longinqua</i> [*]	(Navás, 1911)	ECU
184.	<i>A. loreto</i>	Stark & Zúñiga, 2001	PER
185.	<i>A. lupaca</i>	Stark & Sivec, 1998	PER, BOL
186.	<i>A. luteicollis</i> [×]	(Walker, 1852)	VEN
187.	<i>A. magnirufa</i>	Jewett, 1958	HND, PAN
188.	<i>A. major</i>	Stark, 2001	ECU
189.	<i>A. makushi</i>	Stark, 1999	GUY
190.	<i>A. malkini</i> ⁺	Stark & Kondratieff, 2012 [<i>in Stark et al.</i> , 2012]	ECU
191.	<i>A. manauensis</i>	Ribeiro-Ferreira, 2001	BRA
192.	<i>A. mantiqueirae</i> ⁺	Froehlich, 2010	BRA
193.	<i>A. marca</i>	Stark, 1998	CRI, PAN
194.	<i>A. marginata</i>	Stark, 1998	CRI
195.	<i>A. maritza</i>	Stark, 1998	CRI
196.	<i>A. marlieri</i>	Froehlich, 2001	BRA
197.	<i>A. marshalli</i>	Stark, 2007	ARG

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TABLE 6. (Continued)

Nº	Species	Author, year	Geographical distribution
198.	<i>A. marta</i>	Zúñiga & Stark, 2002	COL
199.	<i>A. media</i> *	(Navás, 1915)	ECU
200.	<i>A. meloi</i> +	Bispo & Novaes, 2014 [<i>in Bispo et al.</i> , 2014]	BRA
201.	<i>A. melzeri</i>	(Navás, 1932)	BRA
202.	<i>A. menuda</i>	Stark, 1995	VEN
203.	<i>A. meta</i>	Stark & Zúñiga, 1999 [<i>in Stark et al.</i> , 1999]	COL
204.	<i>A. mindo</i>	Zúñiga & Vásconez, 2006 [<i>in Zúñiga et al.</i> , 2006]	ECU, COL
205.	<i>A. mineira</i> +	Novaes & Bispo, 2014	BRA
206.	<i>A. minuta</i>	Klapálek, 1922	BRA
207.	<i>A. mixteca</i>	Stark & Kondratieff, 2004	MEX
208.	<i>A. moche</i>	Stark & Sivec, 1998	PER
209.	<i>A. mochica</i>	Stark & Sivec, 1998	PER
210.	<i>A. morena</i>	Stark & Zúñiga, 1999 [<i>in Stark et al.</i> , 1999]	COL
211.	<i>A. morio</i> ×	(Pictet, 1841)	COL
212.	<i>A. morsei</i> +	Stark, 2014	CRI
213.	<i>A. muesca</i>	Stark, 1995	VEN
214.	<i>A. munchique</i>	Zúñiga & Stark, 2002	COL
215.	<i>A. naomi</i>	Needham & Broughton, 1927	GTM, MEX
216.	<i>A. nazca</i>	Stark & Sivec, 1998	PER
217.	<i>A. ngabe</i> +	Stark & Armitage, 2018	PAN
218.	<i>A. nigrocincta</i>	(Pictet, 1841)	MEX
219.	<i>A. nigrolineata</i>	Jewett, 1958	MEX
220.	<i>A. novateutonia</i>	Jewett, 1959	ARG, BRA
221.	<i>A. ocellata</i> *	(Navás, 1926)	COL
222.	<i>A. ochracea</i> *	Klapálek, 1923	MEX
223.	<i>A. oculatila</i>	Jewett, 1959	ARG, BRA
224.	<i>A. ofaye</i>	Froehlich, 2007	BRA
225.	<i>A. ohausiana</i>	(Enderlein, 1909)	ECU
226.	<i>A. olmec</i>	Stark & Kondratieff, 2004	MEX
227.	<i>A. oreja</i>	Zúñiga & Stark, 1999 [<i>in Stark et al.</i> , 1999]	COL
228.	<i>A. orphana</i> *	(Navás, 1918)	ARG
229.	<i>A. otafroehlichii</i> +	Righi-Cavallaro & Lecci, 2010	BRA
230.	<i>A. otun</i>	Stark & Zúñiga, 2007 [<i>in Zúñiga et al.</i> , 2007]	COL
231.	<i>A. pacaje</i>	Stark & Sivec, 1998	BOL
232.	<i>A. pachacuti</i>	Stark & Sivec, 1998	BOL, PER
233.	<i>A. pacifica</i>	Rojas & Baena, 1999 [<i>in Stark et al.</i> , 1999]	COL
234.	<i>A. paez</i>	Zúñiga & Stark, 1999 [<i>in Stark et al.</i> , 1999]	COL
235.	<i>A. paisa</i>	Zúñiga & Stark, 2006 [<i>in Zúñiga et al.</i> , 2006]	COL

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TABLE 6. (Continued)

Nº	Species	Author, year	Geographical distribution
236.	<i>A. pakaraima</i> ⁺	Stark, 2012	GUY
237.	<i>A. pakitza</i>	Stark & Sivec, 1998	PER
238.	<i>A. paleta</i>	Stark, 1995	COL, VEN
239.	<i>A. pallens</i>	Klapálek, 1922	COL
240.	<i>A. pallida</i>	Jewett, 1958	GTM, MEX, PAN
241.	<i>A. paprockii</i> ⁺	Novaes & Bispo, 2014	BRA
242.	<i>A. pareja</i>	Stark & Kondratieff, 2004	MEX
243.	<i>A. paria</i>	Stark, 1995	VEN
244.	<i>A. parilobata</i>	Klapálek, 1922	BRA
245.	<i>A. parva</i>	Stark, 2001	ECU
246.	<i>A. pastaza</i>	Stark, 2001	BRA, ECU
247.	<i>A. pastora</i>	Stark & Cardona, 2007 [<i>in</i> Zúñiga <i>et al.</i> , 2007]	COL
248.	<i>A. patioba</i> ⁺	Almeida & Duarte, 2017	BRA
249.	<i>A. paulina</i>	(Navás, 1936)	BRA
250.	<i>A. payagua</i>	Froehlich, 2007	BRA
251.	<i>A. pehlkei</i>	(Enderlein, 1909)	COL, PER
252.	<i>A. pellucida</i>	Klapálek, 1922	BOL, PER
253.	<i>A. pequena</i>	Stark, 1995	VEN
254.	<i>A. perija</i>	Stark, 1999	VEN
255.	<i>A. perplexa</i>	Stark, 1998	BLZ, CRI, GTM, HND, MEX
256.	<i>A. perpusilla</i>	Klapálek, 1921	PER
257.	<i>A. peruviana</i> [*]	(Navás, 1915)	PER
258.	<i>A. petersi</i>	Froehlich, 2002	BRA
259.	<i>A. phantoma</i>	(Banks, 1914)	GUY
260.	<i>A. pichincha</i> ⁺	Stark & Kondratieff, 2012 [<i>in</i> Stark <i>et al.</i> , 2012]	ECU
261.	<i>A. pictipes</i>	Klapálek, 1923	BRA, GUY
262.	<i>A. pinza</i>	Stark, 1995	VEN
263.	<i>A. pistacina</i>	(Enderlein, 1909)	ECU
264.	<i>A. pitii</i> ⁺	Gonçalves, Novaes & Salles, 2017	BRA
265.	<i>A. plagiata</i> [*]	(Navás, 1926)	COL
266.	<i>A. planada</i>	Baena & Rojas, 1999 [<i>in</i> Stark <i>et al.</i> , 1999]	COL, ECU
267.	<i>A. planicollis</i>	Klapálek, 1923	BLZ, CRI, GTM, MEX, NIC, PAN
268.	<i>A. plaumanni</i>	Jewett, 1969	ARG, BRA
269.	<i>A. plutonis</i>	(Banks, 1914)	CRI, PAN
270.	<i>A. polita</i>	(Burmeister, 1839)	ARG, BRA
271.	<i>A. portilla</i>	Stark & Rojas, 1999 [<i>in</i> Stark <i>et al.</i> , 1999]	COL, ECU
272.	<i>A. posticata</i> [°]	(Banks, 1913)	BRA

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TABLE 6. (Continued)

Nº	Species	Author, year	Geographical distribution
273.	<i>A. profunda</i> *	(Navás, 1921)	ARG
274.	<i>A. pucallpa</i>	Stark, 2004	PER
275.	<i>A. puna</i>	Stark, 2001	COL, ECU
276.	<i>A. quadriloba</i>	Jewett, 1958	GTM, MEX, PAN
277.	<i>A. quechua</i>	Stark & Sivec, 1998	PER
278.	<i>A. quetzalcoatl</i>	Stark & Kondratieff, 2004	MEX
279.	<i>A. quetzali</i> +	Gutiérrez-Fonseca & Springer, 2015	CRI, PAN
280.	<i>A. quijo</i>	Stark, 2001	ECU
281.	<i>A. quilla</i>	Stark & Zúñiga, 1999 [<i>in Stark et al.</i> , 1999]	COL, ECU
282.	<i>A. quilombola</i> +	Righi-Cavallaro & Froehlich, 2013 [<i>in Righi-Cavallaro et al.</i> , 2013]	BRA
283.	<i>A. quimbaya</i>	Zúñiga & Stark, 2007 [<i>in Zúñiga et al.</i> , 2007]	COL
284.	<i>A. ramealis</i> *	(Navás, 1927)	COL
285.	<i>A. ratcliffei</i>	Stark & Kondratieff, 2004	MEX
286.	<i>A. rawlinsi</i>	Stark, 2001	ECU
287.	<i>A. reedi</i>	(Navás, 1919)	ARG
288.	<i>A. regleta</i>	Stark & Rojas, 1999 [<i>in Stark et al.</i> , 1999]	COL, ECU
289.	<i>A. ricki</i>	Zúñiga & Stark, 2002	COL, ECU
290.	<i>A. rondoniae</i>	Froehlich, 2002	BRA
291.	<i>A. rosita</i>	Stark & Rojas, 1999 [<i>in Stark et al.</i> , 1999]	COL, ECU
292.	<i>A. rossi</i>	Stark, 2004	PER
293.	<i>A. rotunda</i> +	Gonçalves, Novaes & Salles, 2017	BRA
294.	<i>A. rugosa</i>	Stark, 2001	ECU
295.	<i>A. ruschii</i> +	Novaes, Bispo & Gonçalves, 2016	BRA
296.	<i>A. saltensis</i>	Froehlich, 2002	ARG
297.	<i>A. saofrancisco</i> +	Novaes, Vilela, Lopez & Ferreira, 2018	BRA
298.	<i>A. schmidti</i>	(Enderlein, 1909)	COL, EC, VEN, (doubtful: PER)
299.	<i>A. segnini</i>	Stark & Maldonado, 2002	VEN
300.	<i>A. senahu</i>	Stark & Kondratieff, 2004	GTM
301.	<i>A. shamatari</i>	Stark, 1995	VEN
302.	<i>A. shepardii</i>	Stark & Kondratieff, 2004	BLZ, HND, MEX
303.	<i>A. signata</i>	(Walker, 1852)	VEN
304.	<i>A. simulans</i> +	Froehlich, 2010	BRA
305.	<i>A. singela</i> +	Duarte & Lecci, 2016	BRA
306.	<i>A. singularis</i> +	Righi-Cavallaro & Lecci, 2010	BRA
307.	<i>A. socapa</i>	Stark & Zúñiga, 1999 [<i>in Stark et al.</i> , 1999]	COL
308.	<i>A. sonora</i>	Stark & Kondratieff, 2004	MEX
309.	<i>A. spangleri</i>	Stark, 2001	ECU
310.	<i>A. spectori</i>	Stark, 2004	BOL

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TABLE 6. (Continued)

Nº	Species	Author, year	Geographical distribution
311.	<i>A. stanjewetti</i>	Froehlich, 2002	ARG, BRA
312.	<i>A. starki</i>	Fenoglio & Morisi, 2000[2001]	HND, NIC
313.	<i>A. subcostalis</i>	Klapálek, 1921	BRA
314.	<i>A. tabatae</i> ⁺	Froehlich, 2010	BRA
315.	<i>A. tachira</i>	Stark & Zúñiga, 2003	VEN
316.	<i>A. takutu</i>	Stark, 2000	GUY
317.	<i>A. talamanca</i>	Stark, 1998	CRI, NIC, PAN
318.	<i>A. tatama</i>	Stark & Cardona, 2007 [in Zúñiga <i>et al.</i> , 2007]	COL
319.	<i>A. taylori</i>	Stark, 2004	BOL, PER
320.	<i>A. tayrona</i>	Zúñiga & Tamaris, 2007 [in Zúñiga <i>et al.</i> , 2007]	COL
321.	<i>A. tejon</i>	Baena & Stark, 1999 [in Stark <i>et al.</i> , 1999]	COL
322.	<i>A. tempisquito</i> ⁺	Stark, 2014	CRI
323.	<i>A. tena</i>	Stark, 2001	ECU
324.	<i>A. terere</i> ⁺	Righi-Cavallaro & Lecci, 2010	BRA
325.	<i>A. timote</i>	Stark, 1999	VEN
326.	<i>A. tincta</i> [*]	(Navás, 1916)	COL
327.	<i>A. tinctilamella</i>	Jewett, 1959	ARG, BRA
328.	<i>A. tinga</i>	Bispo & Froehlich, 2004	BRA
329.	<i>A. tiwanaku</i>	Stark, 2004	BOL
330.	<i>A. toni</i>	Zúñiga & Stark, 2002	COL
331.	<i>A. toriba</i>	Froehlich, 2002	BRA
332.	<i>A. tornada</i>	Stark, 1998	CRI
333.	<i>A. totumas</i> ⁺	Stark, 2014	CRI, PAN
334.	<i>A. trimacula</i>	Jewett, 1959	ARG, BRA, PRY
335.	<i>A. trinervis</i> [*]	(Navás, 1934)	ECU
336.	<i>A. tuberculata</i> ⁺	Kondratieff & Armitage, 2019	CRI
337.	<i>A. tucuman</i> ⁺	Stark, 2013	ARG
338.	<i>A. tunasi</i>	Stark & Zúñiga, 2007 [in Zúñiga <i>et al.</i> , 2007]	COL
339.	<i>A. tungurahua</i>	Stark, 2001	ECU
340.	<i>A. tupi</i>	Bispo & Froehlich, 2004	BRA
341.	<i>A. tzapino</i>	Stark, 2001	ECU
342.	<i>A. uatsi</i>	Stark, 1998	CRI, HND, PAN
343.	<i>A. ucumari</i>	Stark & Zúñiga, 2003	COL
344.	<i>A. undulosa</i>	Stark & Rojas, 1999 [in Stark <i>et al.</i> , 1999]	COL
345.	<i>A. uru</i>	Stark & Sivec, 1998	BOL, PER
346.	<i>A. uruguayana</i> [°]	(Navás, 1923)	URY
347.	<i>A. uyara</i>	Froehlich, 2002	ARG, BRA
348.	<i>A. vagante</i> ⁺	Stark & Baumann, 2011	BOL
349.	<i>A. valle</i>	Zúñiga & Baena, 1999 [in Stark <i>et al.</i> , 1999]	COL

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TABLE 6. (Continued)

Nº	Species	Author, year	Geographical distribution
350.	<i>A. vanini</i>	Froehlich, 2004	BRA
351.	<i>A. varilla</i>	Stark, 1998	CRI, PAN
352.	<i>A. ventana</i>	Stark, 1998	CRI
353.	<i>A. vespertilio</i>	Klapálek, 1921	COL
354.	<i>A. viduata*</i>	(Navás, 1916)	COL
355.	<i>A. vilcabamba</i>	Stark & Sivec, 1998	BOL, PER
356.	<i>A. viridis*</i>	Klapálek, 1922	?
357.	<i>A. vistosa</i>	Stark, 1995	VEN
358.	<i>A. vitripennis</i>	Klapálek, 1922	PER
359.	<i>A. v-nigrum*</i>	(Navás, 1916)	BRA
360.	<i>A. wapishana</i>	Stark, 1999	GUY
361.	<i>A. wari</i>	Stark, 2004	PER
362.	<i>A. wellsi</i>	Stark & Kondratieff, 2004	GTM, HND
363.	<i>A. wincha</i>	Stark & Sivec, 1998	PER
364.	<i>A. wipukupa</i>	Baumann & Olson, 1984	USA
365.	<i>A. wokomung+</i>	Stark, 2012	GUY
366.	<i>A. woytkowskii</i>	Stark & Sivec, 1998	PER
367.	<i>A. xinguensis</i>	Froehlich, 2002	BRA
368.	<i>A. x-nigrum</i>	Klapálek, 1921	BOL, PER
369.	<i>A. xokleng+</i>	Novaes & Bispo, 2014	BRA
370.	<i>A. yameo</i>	Stark & Sivec, 1998	BOL, COL, PER
371.	<i>A. ypane+</i>	Stark & Baumann, 2011	PRY
372.	<i>A. ypsilon</i>	Klapálek, 1922	BRA
373.	<i>A. ytuguazu</i>	Froehlich, 2002	ARG
374.	<i>A. yuko+</i>	Stark & Zúñiga, 2014	COL
375.	<i>A. zaculeu</i>	Stark & Kondratieff, 2004	GTM
376.	<i>A. zaga</i>	Stark & Kondratieff, 2004	MEX
377.	<i>A. zamora</i>	Stark, 2001	ECU
378.	<i>A. zantedeschia+</i>	Rippel, Novaes & Krolow, 2019	BRA
379.	<i>A. zapata</i>	Stark, 1998	CRI
380.	<i>A. zarpa</i>	Stark, 1998	PAN
381.	<i>A. zunigae</i>	Stark, 2001	ECU
382.	<i>A. zwicki</i>	Stark & Sivec, 1998	BOL, PER
<i>Enderleina</i> Jewett, 1960: BRA, VEN			
1.	<i>E. bifasciata+</i>	Hamada, Silva & Pedroza, 2016	BRA
2.	<i>E. bonita</i>	Stark, 1989	VEN
3.	<i>E. flinti</i>	Stark, 1989	BRA, VEN
4.	<i>E. froehlichi</i>	Ribeiro-Ferreira, 1996	BRA
5.	<i>E. khazeni+</i>	Derka & Tierno de Figueroa, 2013	VEN

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TABLE 6. (Continued)

Nº	Species	Author, year	Geographical distribution
6.	<i>E. preclara</i>	Jewett, 1960	BRA
7.	<i>E. yano</i>	Stark, 1989	BRA, VEN
<i>Inconeuria</i> Klapálek, 1916: CHL, PER			
1.	<i>I. chimu</i>	Stark & Kondratieff, 2003	PER
2.	<i>I. marcapatica</i>	Klapálek, 1916	PER
3.	<i>I. porteri</i>	(Navás, 1919)	CHL
<i>Kempnyella</i> Illies, 1964: ARG, CHL			
1.	<i>K. genualis</i>	(Navás, 1918)	ARG, CHL
2.	<i>K. walperi</i>	Illies, 1964	CHL
<i>Kempnyia</i> Klapálek, 1914: BRA			
1.	<i>K. alterosarum</i>	Froehlich, 1988	BRA
2.	<i>K. auberti</i>	Froehlich, 1996	BRA
3.	<i>K. brasílica*</i>	(Navás, 1932)	BRA
4.	<i>K. brasiliensis</i>	(Pictet, 1841)	BRA
5.	<i>K. colossica</i>	(Navás, 1934)	BRA
6.	<i>K. couriaie+</i>	Avelino-Capistrano, Barbosa & Takiya, 2016	BRA
7.	<i>K. flava</i>	Klapálek, 1916	BRA
8.	<i>K. goiana</i>	Bispo & Froehlich, 2004	BRA
9.	<i>K. gracilentia</i>	(Enderlein, 1909)	BRA
10.	<i>K. guassu</i>	Froehlich, 1988	BRA
11.	<i>K. jatim</i>	Froehlich, 1988	BRA
12.	<i>K. kaingang+</i>	Froehlich, 2011	BRA
13.	<i>K. klugii</i>	(Pictet, 1841)	BRA
14.	<i>K. mirim</i>	Froehlich, 1984	BRA
15.	<i>K. neotropica</i>	(Jacobson & Bianchi, 1905)	BRA
16.	<i>K. obtusa</i>	Klapálek, 1916	BRA
17.	<i>K. ocellata+</i>	Froehlich, 2011a	BRA
18.	<i>K. oliveirai</i>	Bispo & Froehlich, 2004	BRA
19.	<i>K. petersorum</i>	Froehlich, 1996	BRA
20.	<i>K. petropolitana</i>	(Navás, 1929)	BRA
21.	<i>K. pinhoi+</i>	Froehlich, 2011a	BRA
22.	<i>K. pirata+</i>	Froehlich, 2011b	BRA
23.	<i>K. puri+</i>	Avelino-Capistrano, Souza & Nessimian, 2013	BRA
24.	<i>K. reichardti</i>	Froehlich, 1984	BRA
25.	<i>K. remota</i>	(Banks, 1920)	BRA
26.	<i>K. reticulata</i>	(Klapálek, 1916)	BRA
27.	<i>K. sazimai</i>	Froehlich, 1988	BRA
28.	<i>K. serrana</i>	Navás, 1936	BRA
29.	<i>K. sordida</i>	Klapálek, 1916	BRA

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TABLE 6. (Continued)

Nº	Species	Author, year	Geographical distribution
30.	<i>K. tamoya</i>	Froehlich, 1984	BRA
31.	<i>K. taunayi</i>	(Navás, 1936)	BRA
32.	<i>K. tenebrosa</i>	Klapálek, 1916	BRA
33.	<i>K. tijucana</i>	Dorvillé & Froehlich, 1997	BRA
34.	<i>K. tupinamba</i> ⁺	Froehlich, 2011b	BRA
35.	<i>K. umbrina</i>	Froehlich, 1988	BRA
36.	<i>K. vanini</i>	Froehlich, 1988	BRA
37.	<i>K. varipes</i>	Klapálek, 1916	BRA
<i>Klapalekia</i> Claassen, 1936: COL			
1.	<i>K. augustibraueri</i>	Klapálek, 1916	COL
<i>Macrogynoplax</i> Enderlein, 1909: BRA, COL, GTM, PER, SUR, VEN			
1.	<i>M. anae</i>	Ribeiro & Rafael, 2007	BRA
2.	<i>M. delicata</i>	Ribeiro & Froehlich, 1999	BRA
3.	<i>M. duida</i> ⁺	Stark, 2011	VEN
4.	<i>M. flinti</i>	Stark, 1996	GTM
5.	<i>M. geijskesii</i>	Zwick, 1989 [in Stark & Zwick, 1989]	SUR
6.	<i>M. guayanensis</i>	Enderlein, 1909	BRA
7.	<i>M. kanuku</i>	Stark, 1996	GUY
8.	<i>M. matogrossensis</i>	Bispo & Neves, 2005 [in Bispo, <i>et al.</i> , 2005]	BRA
9.	<i>M. neblina</i>	Stark, 1989 [in Stark & Zwick, 1989]	VEN
10.	<i>M. poranga</i>	Ribeiro & Froehlich, 1999	BRA
11.	<i>M. pulchra</i>	Ribeiro & Froehlich, 1999	BRA
12.	<i>M. spangleri</i>	Stark, 1989 [in Stark & Zwick, 1989]	VEN
13.	<i>M. truncata</i>	Stark, 1996	PER
14.	<i>M. veneranda</i>	Froehlich, 1984	BRA
15.	<i>M. yupanqui</i>	Stark, 1996	PER
<i>Nigroperla</i> Illies, 1964: CHL			
1.	<i>N. costalis</i>	Illies, 1964	CHL
<i>Onychoplax</i> Klapálek, 1916: BRA			
1.	<i>O. limbatella</i>	Klapálek, 1916	BRA?
<i>Pictoperla</i> Illies, 1964: ARG, CHL			
1.	<i>P. gayi</i>	(Pictet, 1841)	ARG, CHL
2.	<i>P. repanda</i>	(Banks, 1920)	ARG, CHL

TABLE 7. Fossils species with its respective species records.

Nº	Species	Author	Geographical distribution
†Euxenoperlinae			
†Gondwanoperlidium Pinto & Purper 1978			
1.	<i>G. argentinorum</i>	Pinto & Purper 1978	ARG
2.	<i>G. mendocensis</i>	Pinto & Purper 1978	ARG
†Argentinoperlidium Martins-Neto & Gallego 2003			
1.	<i>A. rogersi</i>	Martins-Neto & Gallego 2003	ARG
†Perlapsocidae			
†Perlapsocus Pinto & Piñeiro 2000			
1.	<i>P. formosoi</i>	Pinto & Piñeiro 2000	URY
Perlidae			
†Dominiperla Stark & Lentz 1992			
1.	<i>D. antigua</i>	Stark & Lentz 1992	DOR
Acroneuriinae?			
†Euperlida Cifuentes-Ruiz 2007			
1.	<i>E. parvicercifera</i>	Cifuentes-Ruiz 2007	MEX

TABLE 8. Probable new taxa.

Nº	Species	Author	Geographical distribution
<i>Gripopteryx</i>			
1.	<i>Gripopteryx</i> n. sp. 1	Melgaço [in description]	BRA
2.	<i>Gripopteryx</i> n. sp. 2	Melgaço [in description]	BRA
<i>Paragripopteryx</i>			
1.	<i>Paragripopteryx</i> n. sp. 1	Avelino-Capistrano & Nessimian, 2014 [Thesis, unpublished]	BRA
2.	<i>Paragripopteryx</i> n. sp. 2	Avelino-Capistrano & Nessimian, 2014 [Thesis, unpublished]	BRA
3.	<i>Paragripopteryx</i> n. sp. 3	Duarte [Thesis, in description]	BRA
4.	<i>Paragripopteryx</i> n. sp. 4	Duarte [Thesis, in description]	BRA
5.	<i>Paragripopteryx</i> n. sp. 5	Duarte [Thesis, in description]	BRA
<i>Pehuenioperla</i>			
1.	<i>Pehuenioperla</i> n. sp.	Pessacq, Duarte & Epele [in prep]	ARG
<i>Tupiperla</i>			
1.	<i>Tupiperla</i> n. sp. 1	Duarte [Thesis, in description]	BRA
2.	<i>Tupiperla</i> n. sp. 2	Melgaço [in description]	BRA
<i>Anacroneuria</i>			
1.	<i>Anacroneuria</i> n. sp. 1	Gonçalves <i>et al.</i> [in description]	BRA
2.	<i>Anacroneuria</i> n. sp. 2	Almeida <i>et al.</i> [in description]	BRA
3–20.	<i>Anacroneuria</i> n. sp. 3-20	Zúñiga & Stark [in prep]	COL

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TABLE 8. (Continued)

Nº	Species	Author	Geographical distribution
<i>Kempnyia</i>			
1.	<i>Kempnyia</i> sp. n. 1	Lecci, 2013 [Thesis, unpublished]	BRA
2.	<i>Kempnyia</i> sp. n. 2	Lecci, 2013 [Thesis, unpublished]	BRA
3.	<i>Kempnyia</i> sp. n. 3	Lecci, 2013 [Thesis, unpublished]	BRA
4.	<i>Kempnyia</i> sp. n. 4	Lecci, 2013 [Thesis, unpublished]	BRA
5.	<i>Kempnyia</i> sp. n. 5	Lecci, 2013 [Thesis, unpublished]	BRA
6.	<i>Kempnyia</i> sp. n. 6	Lecci, 2013 [Thesis, unpublished]	BRA
7.	<i>Kempnyia</i> sp. n. 7	Gonçalves <i>et al.</i> [in description]	BRA