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Checklist of ‘Psocoptera’ (Psocodea) of Colombia and identification key to the families

Listado de especies de ‘Psocoptera’ (Psocodea) de Colombia y clave de identificación de las familias

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RESUMEN

Presentamos un listado de 720 especies de ‘Psocoptera’ registradas en Colombia, con base en la revisión de especímenes depositados en las colecciones del Instituto Alexander von Humboldt y el Museo Entomológico de la Universidad del Valle. Incluimos registros de ejemplares recientemente recolectados en diferentes Parques Nacionales y localidades adicionales en Colombia. Especies previamente registradas en la literatura también son incluidas en este listado. El número de psocópteros registrados hasta 2002 (79 especies) correspondía al 11% de lo que es actualmente conocido con base en nuestro estudio. Enfatizamos que cerca del 60% de las especies registradas desde 2010 no habían sido descritas, 135 de las cuales fueron recientemente descritas por nuestro grupo de investigación. Incluimos una clave de identificación para las 28 familias de psocidos conocidas en Colombia. A pesar de que los psocidos han sido fuertemente marginados en la investigación taxonómica en Colombia, mostramos que la diversidad del grupo esta aún por ser descubierta en el país. Estudios subsecuentes deberán ser enfocados a entender el patrón general de la distribución de psocópteros dentro y entre localidades, y enfatizamos la necesidad de conducir trabajo de campo extensivo.

Palabras clave: Diversidad, Lista, Neotrópico, Riqueza de especies.

ABSTRACT

We present a list of 720 species of ‘Psocoptera’ recorded in Colombia, based on the examination of specimens deposited in the collections of the Alexander von Humboldt Institute and in the Entomological Museum of the Universidad del Valle. We include records of specimens recently collected in several National Natural Parks and other natural areas in Colombia. Species previously recorded in the literature are also listed here. The number of psocids recorded in Colombia until 2002 (79 species) corresponded to only 11.0% of what is currently known based on our study. We highlight that about 60% of the species recorded since 2010 were undescribed, 135 of which have been recently described by our research group. An identification key to the 28 psocid families known in Colombia is included. Even though psocids have been largely ignored from the taxonomic research in Colombia, we show that the group diversity is still to be uncovered in the country. Further studies must be conducted to understand the distribution of psocids among and within localities, and emphasize that additional extensive fieldwork is highly required.

Key words: Diversity, List, Neotropics, Species richness.

Lienhard and Smithers (2002) documented for Colombia 79 species of ‘Psocoptera’ (41 genera and 19 families), most of which were collected by Professor Sturm, and identified and described by Badonnel (1986) almost 20 years before. Given the megadiverse nature of the country, we suspected that the psocid fauna was strongly underestimated. We therefore started a program in 2010 to sample and identify psocids. Initial fieldwork was conducted in the National Natural Park Gorgona Island, Cauca, and in natural areas of Valle del Cauca. These studies resulted in a list of 75 species for Gorgona Island (Sarria S., 2011; Sarria-S. *et al.*, 2014a, b), and 85 species in four families of Epipsocetae (Garcia

Aldrete *et al.*, 2013 b). In both cases, a large number of undescribed species was detected, some of which have been described since (García Aldrete 2011, García Aldrete *et al.* 2011a, 2011b, 2012a, 2012b, 2013a, 2013b, 2013c, 2015; González *et al.* 2011a, 2011b, 2012, 2013, 2014, Calderón *et al.* 2014; Román-Palacios *et al.* 2014, Saenz *et al.* 2014, 2015). From the results of recent explorations, and from the examination of specimens collected in the frame of several projects, deposited in the collections of the Alexander von Humboldt Institute and at the Universidad del Valle, we elaborated the list of species occurring in Colombia. This checklist is presented below and includes 135 species

recently described by some of us (García Aldrete 2012; García Aldrete et al. 2016; González et al. 2015a, 2015b, 2016, 2017a, b, c; Saenz et al. 2015; Mendivil-Nieto et al. 2017, Román-Palacios et al. 2015, 2016a, b; García Aldrete & Román Palacios, 2015, Sandoval et al. 2016).

MATERIAL AND METHODS

In addition to the examination of specimens deposited in the collections indicated above, we collected extensively in the following parks and natural areas: National Natural Park (NNP hereafter) Gorgona Island (Cauca), NNP Cueva de Los Guácharos (Huila), NNP Los Katios (Antioquia-Chocó), NNP La Paya (Putumayo), NNP La Macarena (Meta), NNP Los Farallones (Valle del Cauca), NNP Tamá (Norte de Santander), NNP Tayrona (Magdalena), Otún-Quimbaya Flora and Fauna Sanctuary (Risaralda), Natural Reserve El Encanto (Huila), Natural Reserve Pericos (Valle del Cauca), Natural Reserve Río Blanco (Caldas), Natural Reserve Chicaque-Tirolesa (Cundinamarca), Natural Reserve Planes de San Rafael (Risaralda), Natural Reserve Meremberg (Huila), Natural Reserve El Caduceo (Meta), Natural Reserve Río Negro (Risaralda), and in natural areas in Valle del Cauca (Buenaventura, Dagua, El Dovio, La Cumbre, Santiago de Cali, Tuluá), Caquetá (Belén de Los Andaquíes, San Vicente del Caguán), Putumayo (Puerto Asís, Puerto Leguizamo, Mocoa), Magdalena (San Javier) and Resguardos Indígenas Altamira (Caquetá), Tukunare (Putumayo), Kiwe (Caquetá) and La Esperanza (Caquetá).

Sampling was conducted by visual inspection on tree trunks and rock surfaces, beating vegetation, and indirectly with led light traps, placed in the canopy and operated at night for about 11-12 hours. Specimens were placed in vials with 80% ethanol. Some of the collected specimens were dissected, and their parts (head, wings, legs and genitalia) were mounted on slides in Canada Balsam following standard procedures.

RESULTS

The list below includes 720 species, about 60% of which are undescribed (426 species), some of the families require a more detailed study, so the number of species might increase. The species marked with * correspond to those listed by Lienhard and Smithers (2002) or in additional literature; some of them were not found in our survey.

Suborder Trogiomorpha

Family Lepidopsocidae

Genus *Echmepteryx* Aaron, 1886

1. *Echmepteryx falco* (Badonnel, 1949). Cauca (NNP Gorgona Island), Valle del Cauca (Buenaventura).
2. *Echmepteryx madagascariensis* (Kolbe, 1885). Cauca (NNP Gorgona Island), Valle del Cauca (Buenaventura).

Genus *Lepidopsocus* Enderlein, 1903

3. *Lepidopsocus pretiosus* (Banks, 1942). Cauca (NNP Gorgona Island).

Genus *Lepolepis* Enderlein, 1906

4. *Lepolepis columbiensis* Badonnel, 1986*. Tolima (Icononzo).

Genus *Proentomum* Badonnel, 1949

5. *Proentomum personatum* Badonnel, 1949. Cauca (NNP Gorgona Island)

Genus *Nepticulomima* Enderlein, 1906

6. *Nepticulomima hoesemanni* (Enderlein, 1903). Cauca (NNP Gorgona Island).

Genus *Soa* Enderlein, 1904

7. *Soa* sp. 1. Valle del Cauca (Santiago de Cali).

Family Psoquillidae

Genus *Psoquilla* Hagen, 1865

8. *Psoquilla marginepunctata* Hagen, 1865. Chocó (NNP Los Katios).

Genus *Rhyopsocus* Hagen, 1876

9. *Rhyopsocus bicornis* Badonnel, 1986*. Magdalena (Capote).

Famiy Psyllipsocidae

Genus *Psocathropos* Ribaga, 1899

10. *Psocathropos lachlani* Ribaga, 1899*. Colombia.

Genus *Psyllipsocus* Selys- Longchamps, 1872

11. *Psyllipsocus variabilis* Badonnel, 1986*. Cundinamarca (subpáramo and páramo de Montserrate). Tolima (Icononzo).

Suborder Troctomorpha

Family Amphientomidae

Genus *Seopsocus* Roesler, 1940

12. *Seopsocus* sp. Cauca (NNP Gorgona Island).

Genus *Neoseopsis* Badonnel, 1986

13. *Neoseopsis nuda* Badonnel, 1986*. Cundinamarca (Páramo de Montserrate).

Genus *Amphientomum* Pictet, 1854

14. *Amphientomum* sp. Valle del Cauca (Cali), Risaralda (FFS Otún-Quimbaya).

Family Compsocidae

Genus *Compsocus* Banks, 1930

15. *Compsocus elegans* Banks, 1930. Cauca (NNP Gorgona Island).

Family Electrentomidae

Genus *Epitroctes* Mockford, 1967

16. *Epitroctes* sp. 1. Huila (NNP Cueva de Los Guácharos). Valle del Cauca (Santiago de Cali).

- 17.** *Epitroctes* sp. 2. Huila (NNP Cueva de Los Guácharos). Norte de Santander (NNP Tamá).

Family Liposcelididae

Genus *Belaphotroctes* Roesler, 1943

- 18.** *Belaphotroctes ghesquierei* Badonnel, 1986*. Meta (Los Salados, ca. Villavicencio).
- 19.** *Belaphotroctes* sp. Cauca (NNP Gorgona Island).

Genus *Belaphopsocus* Badonnel, 1955

- 20.** *Belaphopsocus badonneli* New, 1971*. Tolima (Icononzo).

Genus *Liposcelis* Motschulsky, 1852

- 21.** *Liposcelis* sp. Valle del Cauca (Dagua).
- 22.** *Liposcelis alticola* Badonnel, 1986*. Cundinamarca (Páramo de Montserrate, Páramo El Tablazo, ca. Bogotá, Páramo de Sumapaz, Páramo de Chicasé). Nariño, Páramo de Cumbal.
- 23.** *Liposcelis bogotana* Badonnel, 1986*. Cundinamarca (Bogotá).
- 24.** *Liposcelis bostrychophila* Badonnel, 1931*. Meta (Llanos Orientales, ca. Los Salados, Río Humea), Cundinamarca (Páramo de Montserrate).
- 25.** *Liposcelis dentata* Badonnel, 1986*. Cundinamarca (Bogotá).
- 26.** *Liposcelis entomophila* Enderlein, 1907*. Meta (Llanos Orientales, ca. Los Salados, Río Humea). Tolima (Icononzo). Cundinamarca (Páramo de Montserrate).
- 27.** *Liposcelis fallax* Badonnel, 1986*. Cundinamarca (Páramo de Sumapaz).
- 28.** *Liposcelis mimula* Badonnel, 1986*. Boyacá (Cocuy).
- 29.** *Liposcelis ornata* Mockford, 1978*. Cundinamarca (Subpáramo de Montserrate).
- 30.** *Liposcelis villosa* Mockford, 1971*. Cundinamarca (Páramo de Montserrate).

Family Musapsocidae

Genus *Musapsocus* Mockford, 1967

- 31.** *Musapsocus* sp. 1. Valle del Cauca (Dagua, Santiago de Cali).
- 32.** *Musapsocus* sp. 2. Cauca (NNP Munchique).

Family Pachytroctidae

Genus *Peritroctes* Ribaga, 1911

- 33.** *Peritroctes* sp. Valle del Cauca (Santiago de Cali).

Genus *Pachytroctes* Enderlein, 1905

- 34.** *Pachytroctes ixtapaensis* García Aldrete, 1986. Valle del Cauca (Santiago de Cali, Campus Universidad del Valle).

Genus *Tapinella* Enderlein, 1908

- 35.** *Tapinella columbiana* Badonnel, 1986*. Magdalena (Capote).

- 36.** *Tapinella* sp. Cauca (NNP Gorgona Island). Valle del Cauca (Dagua, Santiago de Cali).

Genus *Antilopsocus* Gurney, 1965

- 37.** *Antilopsocus nadleri* Gurney, 1965. Cauca (Caldono).

Family Troctopsocidae

Genus *Troctopsocus* Mockford, 1967

- 38.** *Troctopsocus* sp. Norte de Santander (NNP Tamá).

Genus *Troctopsocopsis* Mockford, 1967

- 39.** *Troctopsocopsis* sp. Risaralda (FFS Otún-Quimbaya).

Suborder Psocomorpha

Infraorder Epipsocetae

Family Cladiopsocidae

Genus *Cladiopsocus* Roesler, 1940

- 40.** *Cladiopsocus altamiraensis* González, García Aldrete and Carrejo, 2018. Caquetá (San Vicente del Caguán).
- 41.** *Cladiopsocus amacayacuensis* González, García Aldrete and Carrejo, 2016. Amazonas (NNP Amacayacu).
- 42.** *Cladiopsocus arboricolus* Calderón, García Aldrete and González, 2014. Valle del Cauca (Dagua, Santiago de Cali, Tuluá).
- 43.** *Cladiopsocus belenensis* González, García Aldrete and Carrejo, 2018. Caquetá (Belén de Los Andaquíes).
- 44.** *Cladiopsocus bidentatus* Calderón, García Aldrete and González, 2014. Cauca (NNP Gorgona Island).
- 45.** *Cladiopsocus caguanensis* González, García Aldrete and Carrejo, 2018. Caquetá (San Vicente del Caguán).
- 46.** *Cladiopsocus deliciasensis* González, García Aldrete and Carrejo, 2016. Putumayo (Puerto Asís).
- 47.** *Cladiopsocus eertmoedi* González, García Aldrete and Carrejo, 2016. Putumayo (Puerto Asís).
- 48.** *Cladiopsocus gregoriorum* González, García Aldrete and Carrejo, 2016. Amazonas (NNP Amacayacu).
- 49.** *Cladiopsocus iscuande* González, García Aldrete and Carrejo, 2018. Nariño (Iscuandé).
- 50.** *Cladiopsocus julianae* González, García Aldrete and Carrejo, 2016. Putumayo (Mocoa). Caquetá (Belén de Los Andaquíes, San Vicente del Caguán).
- 51.** *Cladiopsocus katiros* González, García Aldrete and Carrejo, 2018. Chocó (NNP Los Katíos).
- 52.** *Cladiopsocus kogui* González, García Aldrete and Carrejo, 2018. Magdalena (Ciénaga, San Javier).
- 53.** *Cladiopsocus laesperanza* González, García Aldrete and Carrejo, 2018. Caquetá (Belén de Los Andaquíes, San Vicente del Caguán).
- 54.** *Cladiopsocus mocoaensis* González, García Aldrete and Carrejo, 2016. Putumayo (Mocoa). Caquetá (Belén de Los Andaquíes).
- 55.** *Cladiopsocus multimaculatus* Eertmoed, 1986. Cauca (NNP Gorgona Island). Valle del Cauca (Buenaventura).
- 56.** *Cladiopsocus nebulosus* Calderón, García Aldrete and González, 2014. Valle del Cauca (Dagua, El Dovio, Santiago de Cali, Tuluá).

- 57.** *Cladiopsocus norsantanderinus* González, García Aldrete and Carrejo, 2018. Norte de Santander (NNP Tamá).
- 58.** *Cladiopsocus pacificus* Calderón, García Aldrete and González, 2014. Valle del Cauca (Buenaventura, Dagua).
- 59.** *Cladiopsocus panchei* González, García Aldrete and Carrejo, 2016. Putumayo (Mocoa). Caquetá (Belén de Los Andaquíes, San Vicente del Caguán).
- 60.** *Cladiopsocus pancheorum* González, García Aldrete and Carrejo, 2018. Putumayo (Puerto Asís).
- 61.** *Cladiopsocus ramulosus* (Enderlein, 1903). Cundinamarca. Caquetá (Belén de Los Andaquíes, San Vicente del Caguán). Huila (Belén). Putumayo (Mocoa).
- 62.** *Cladiopsocus salasarriorum* González, García Aldrete and Carrejo, 2018. Nariño (Isquandé).
- 63.** *Cladiopsocus sextoi* González, García Aldrete and Carrejo, 2018. Caquetá (San Vicente del Caguán).
- 64.** *Cladiopsocus tikunus* González, García Aldrete and Carrejo, 2016. Amazonas (Leticia, NNP Amacayacu). Cauca (Santa Leticia). Quindío (Filandia, Bosque de Bremen).
- 65.** *Cladiopsocus tinigua* González, García Aldrete and Carrejo, 2018. Caquetá (Belén de Los Andaquíes, San Vicente del Caguán).
- 66.** *Cladiopsocus tukunare* González, García Aldrete and Carrejo, 2018. Putumayo (Puerto Leguizamo).

Family Dolabellopsocidae

Genus *Dolabellopsocus* Eertmoed, 1973

- 67.** *Dolabellopsocus calima* Calderón, García Aldrete and González, 2014. Valle del Cauca (Santiago de Cali, Tuluá).
- 68.** *Dolabellopsocus lobatus* Mockford, 1991. Valle del Cauca (Santiago de Cali).
- 69.** *Dolabellopsocus roseusoides* Calderón, García Aldrete and González, 2014. Valle del Cauca (Santiago de Cali).
- 70.** *Dolabellopsocus similis* Mockford, 1991. Valle del Cauca (Santiago de Cali). Putumayo (Puerto Asís). Caquetá (San Vicente del Caguán).
- 71.** *Dolabellopsocus yundiguai* Calderón, García Aldrete and González, 2014. Cauca (NNP Gorgona).

Genus *Isthmopsocus* Eertmoed, 1973

- 72.** *Isthmopsocus barbatusoides* Calderón, García Aldrete and González, 2014. Cauca (NNP Gorgona). Valle del Cauca (Santiago de Cali).
- 73.** *Isthmopsocus foliatus* Calderón, García Aldrete and González, 2014. Cauca (NNP Gorgona). Valle del Cauca (Santiago de Cali).
- 74.** *Isthmopsocus imperfectus** Badonnel, 1986. Magdalena (Capote).
- 75.** *Isthmopsocus* sp. 1. Caquetá (Belén de Los Andaquíes). Putumayo (Puerto Asís).
- 76.** *Isthmopsocus* sp. 2. Putumayo (Puerto Asís).

Family Epipsocidae

Genus *Anastomopsocus* García Aldrete, Mendivil and González, 2015

- 77.** *Anastomopsocus vallecaucanus* García Aldrete, Mendivil and González, 2015. Valle del Cauca (La Cumbre, Darién, Yumbo).
- 78.** *Edmockfordia calderonae* Mendivil, González and García Aldrete, 2015. Valle del Cauca (Buenaventura).
- 79.** *E. saenzi* Mendivil, González and García Aldrete, 2015. Valle del Cauca (Buenaventura).

Genus *Epipsocus* Hagen, 1866

- 80.** *Epipsocus badonneli* Mockford, 1991. Valle del Cauca (Santiago de Cali).
- 81.** *Epipsocus* sp. 1. Valle del Cauca (Santiago de Cali).
- 82.** *Epipsocus* sp. 2. Valle del Cauca (Santiago de Cali, Roldanillo).
- 83.** *Epipsocus* sp. 3. Valle del Cauca (Santiago de Cali).
- 84.** *Epipsocus* sp. 4. Valle del Cauca (Santiago de Cali, Darién), Risaralda (FFS Otún-Quimbaya).
- 85.** *Epipsocus* sp. 5. Valle del Cauca (Buenaventura, Dagua).
- 86.** *Epipsocus* sp. 6. Valle del Cauca (Buenaventura, Dagua).
- 87.** *Epipsocus* sp. 7. Valle del Cauca (Buenaventura).
- 88.** *Epipsocus* sp. 8. Valle del Cauca (Buenaventura).
- 89.** *Epipsocus* sp. 9. Risaralda (FFS Otún-Quimbaya). Valle del Cauca (Santiago de Cali, Darién, El Cerrito, Roldanillo).
- 90.** *Epipsocus* sp. 10. Valle del Cauca (Santiago de Cali).
- 91.** *Epipsocus* sp. 11. Valle del Cauca (Santiago de Cali, Bolívar).
- 92.** *Epipsocus* sp. 12. Valle del Cauca (Buenaventura, La Cumbre, Santiago de Cali).
- 93.** *Epipsocus* sp. 13. Valle del Cauca (Santiago de Cali, Tuluá).
- 94.** *Epipsocus* sp. 14. Valle del Cauca (Buenaventura, El Cerrito).
- 95.** *Epipsocus* sp. 15. Valle del Cauca (Buenaventura, Roldanillo).
- 96.** *Epipsocus* sp. 16. Valle del Cauca (Santiago de Cali).
- 97.** *Epipsocus* sp. 17. Risaralda (FFS Otún-Quimbaya). Valle del Cauca (La Cumbre).
- 98.** *Epipsocus* sp. 18. Valle del Cauca (Santiago de Cali).
- 99.** *Epipsocus* sp. 19. Valle del Cauca (Buenaventura).
- 100.** *Epipsocus* sp. 20. Valle del Cauca (Buenaventura, Dagua).
- 101.** *Epipsocus* sp. 21. Amazonas (NNP Amacayacu). Huila (NR Meremberg).
- 102.** *Epipsocus* sp. 22. Amazonas (NNP Amacayacu).
- 103.** *Epipsocus* sp. 23. Putumayo (Puerto Asís).
- 104.** *Epipsocus* sp. 24. Putumayo (Puerto Asís).
- 105.** *Epipsocus* sp. 25. Putumayo (Puerto Asís).
- 106.** *Epipsocus* sp. 26. Putumayo (Puerto Asís).

- 107.** *Epipsocus* sp. 27. Putumayo (Puerto Asís).
108. *Epipsocus* sp. 28. Huila (La Plata). Putumayo (Mocoa, Puerto Asis, Puerto Leguizamo).
109. *Epipsocus* sp. 29. Putumayo (Puerto Asís).
110. *Epipsocus* sp. 30. Putumayo (Mocoa, Puerto Leguizamo).
111. *Epipsocus* sp. 31. Putumayo (Puerto Asís).
112. *Epipsocus* sp. 32. Huila (NR Meremberg).
113. *Epipsocus* sp. 33. Vaupés (Ipapó, Mosiro-Itajura).
114. *Epipsocus* sp. 34. Magdalena (NNP Tayrona).
115. *Epipsocus* sp. 35. Meta (NNP Serranía de La Macarena, Tinigua).

Genus *Goja* Navás, 1927

- 116.** *Goja bogotana* (Roesler, 1940)*. Cundinamarca (Bogotá).
117. *Goja* sp. 1. Valle del Cauca (Darién, La Cumbre, Roldanillo, Santiago de Cali, Yotoco, Yumbo).
118. *Goja* sp. 2. Valle del Cauca (Santiago de Cali).
119. *Goja* sp. 3. Valle del Cauca (Jamundí, Santiago de Cali).
120. *Goja* sp. 4. Valle del Cauca (Santiago de Cali).
121. *Goja* sp. 5. Valle del Cauca (Santiago de Cali).
122. *Goja* sp. 6. Risaralda (FFS Otún-Quimbaya). Valle del Cauca (Santiago de Cali).
123. *Goja* sp. 7. Caldas (Manizales). Risaralda (FFS Otún-Quimbaya). Valle del Cauca (Sevilla).
124. *Goja* sp. 8. Risaralda (FFS Otún-Quimbaya). Valle del Cauca (Sevilla).
125. *Goja* sp. 9. Risaralda (FFS Otún-Quimbaya).
126. *Goja* sp. 10. Caldas (Manizales).
127. *Goja* sp. 11. Cauca (NNP Puracé).
128. *Goja* sp. 12. Huila (NR Meremberg).
129. *Goja* sp. 13. Norte de Santander (NNP Tamá).
130. *Goja* sp. 14. Norte de Santander (NNP Tamá).

Genus *Gojaoides* García Aldrete, 2012

- 131.** *Gojaoides aviceps* (Badonnel, 1986). Huila (NNP Cueva de Los Guácharos).
132. *Gojaoides* sp. 1. Risaralda (FFS Otún-Quimbaya). Valle del Cauca (La Cumbre, Yumbo).
133. *Gojaoides* sp. 2. Boyacá (FFS Iguaquén). Valle del Cauca (Buenaventura, Dagua).
134. *Gojaoides* sp. 3. Risaralda (FFS Otún-Quimbaya). Valle del Cauca (La Cumbre, Yumbo).
135. *Gojaoides* sp. 4. Risaralda (SFF Otún-Quimbaya). Valle del Cauca (La Cumbre, Yumbo).
136. *Gojaoides* sp. 5. Valle del Cauca (La Cumbre, Santiago de Cali, Yumbo).
137. *Gojaoides* sp. 6. Valle del Cauca (Roldanillo).
138. *Gojaoides* sp. 7. Valle del Cauca (El Cerrito).
139. *Gojaoides* sp. 8. Valle del Cauca (La Cumbre).
140. *Gojaoides* sp. 9. Valle del Cauca (Jamundí, Roldanillo, Santiago de Cali).
141. *Gojaoides* sp. 10. Valle del Cauca (Sevilla).
142. *Gojaoides* sp. 11. Valle del Cauca (Sevilla).

- 143.** *Gojaoides* sp. 12. Risaralda (FFS Otún-Quimbaya).
144. *Gojaoides* sp. 13. Risaralda (FFS Otún-Quimbaya).
145. *Gojaoides* sp. 14. Caldas (Manizales). Risaralda (FFS Otún-Quimbaya).
146. *Gojaoides* sp. 15. Cauca (NNP Gorgona Island).
147. *Gojaoides* sp. 16. Risaralda (Planes de San Rafael Sanctuary).
148. *Gojaoides* sp. 17. Risaralda (Planes de San Rafael Sanctuary).
149. *Gojaoides* sp. 18. Risaralda (Planes de San Rafael Sanctuary).
150. *Gojaoides* sp. 19. Caldas (Pensilvania).
151. *Gojaoides* sp. 20. Huila (NR Meremberg).
152. *Gojaoides* sp. 21 Huila (NR Meremberg).
153. *Gojaoides* sp. 22. Huila (NR Meremberg).
154. *Gojaoides* sp. 23. Huila (NNP Cueva de Los Guácharos).
155. *Gojaoides* sp. 24. Huila (NNP Cueva de Los Guácharos).
156. *Gojaoides* sp. 25. Meta (NNP Serranía de La Macarena).
157. *Gojaoides* sp. 26. Boyacá (FFS Iguaquén).
158. *Gojaoides* sp. 27. Cundinamarca (NNP Chingaza).
159. *Gojaoides* sp. 28. Cundinamarca (NNP Chingaza).
160. *Gojaoides* sp. 29. Huila (NNP Cueva de Los Guácharos).
161. *Gojaoides* sp. 30. Boyacá (FFS Iguaquén).
162. *Gojaoides* sp. 31. Magdalena (NNP Sierra Nevada de Santa Marta).
163. *Gojaoides* sp. 32. Magdalena (NNP Sierra Nevada de Santa Marta).
164. *Gojaoides* sp. 33. Magdalena (NNP Sierra Nevada de Santa Marta).
165. *Gojaoides* sp. 34. Putumayo (Puerto Asís).
166. *Gojaoides* sp. 35. Putumayo (Puerto Asís).
167. *Gojaoides* sp. 36. Putumayo (Mocoa).
168. *Gojaoides* sp. 37. Putumayo (Puerto Asís).
169. *Gojaoides* sp. 38. Putumayo (Puerto Asís).
170. *Gojaoides* sp. 39. Norte de Santander (NNP Tamá).
171. *Gojaoides* sp. 40. Norte de Santander (NNP Tamá).
172. *Gojaoides* sp. 41. Norte de Santander (NNP Tamá).
173. *Gojaoides* sp. 42. Norte de Santander (NNP Tamá).
174. *Gojaoides* sp. 43. Norte de Santander (NNP Tamá).
175. *Gojaoides* sp. 44. Norte de Santander (NNP Tamá).
176. *Gojaoides* sp. 45. Norte de Santander (NNP Tamá).
177. *Gojaoides* sp. 46. Norte de Santander (NNP Tamá).
178. *Gojaoides* sp. 47. Norte de Santander (NNP Tamá).
179. *Gojaoides* sp. 48. Risaralda (Santa Rosa de Cabal).
180. *Gojaoides* sp. 49. Putumayo (Puerto Asís).

Genus *Gonzobandia* García Aldrete, 2012

- 181.** *Gonzobandia nancyae* García Aldrete, 2012. Valle del Cauca (La Cumbre, Santiago de Cali, Yumbo).

Genus *Mesepipsocus* Badonnel, 1969

- 182.** *Mesepipsocus brasiliensis* (New, 1980). Amazonas

- (NNP Amacayacu).
- 183.** *Mesepipsocus brevistigma* (New, 1972). Valle del Cauca (Ansermá Nuevo).
- 184.** *Mesepipsocus campanulatus* (Thornton & Woo, 1973). Valle del Cauca (Buenaventura, Dagua).
- 185.** *Mesepipsocus fuscatus* (New, 1972). Putumayo (Puerto Asís).
- 186.** *Mesepipsocus proctus* (New and Thornton, 1988). Putumayo (Puerto Asís).
- 187.** *Mesepipsocus umbratus* (New and Thornton, 1988). Valle del Cauca (Yumbo, Dagua, Sevilla).
- 188.** *Mesepipsocus* sp. 1. Valle del Cauca (Santiago de Cali).
- 189.** *Mesepipsocus* sp. 2. Valle del Cauca (La Cumbre).
- 190.** *Mesepipsocus* sp. 3. Valle del Cauca (Buenaventura, Santiago de Cali).
- 191.** *Mesepipsocus* sp. 4. Valle del Cauca (Dagua).
- 192.** *Mesepipsocus* sp. 5. Amazonas (NNP Amacayacu).
- 193.** *Mesepipsocus* sp. 6. Amazonas (NNP Amacayacu).
- 194.** *Mesepipsocus* sp. 7. Huila (NNP Cueva de Los Guácharos).
- 195.** *Mesepipsocus* sp. 8. Huila (NNP Cueva de Los Guácharos).
- 196.** *Mesepipsocus* sp. 9. Putumayo (Mocoa).
- Genus *Neurostigma* Enderlein, 1900**
- 197.** *Neurostigma furcivenula* Badonnel, 1986*. Magdalena (Capote).
- 198.** *Neurostigma xanthopterum* New, 1980. Vaupés (Igapó, Mosiro-Itajura).
- 199.** *Neurostigma* sp. 1. Valle del Cauca (Santiago de Cali).
- 200.** *Neurostigma* sp. 2. Boyacá (NNP Iguáquen). Valle del Cauca (Santiago de Cali).
- 201.** *Neurostigma* sp. 3. Magdalena (NNP Tayrona). Valle del Cauca (Dagua).
- 202.** *Neurostigma* sp. 4. Putumayo (Puerto Asís).
- 203.** *Neurostigma* sp. 5. Huila (NR Meremberg).
- 204.** *Neurostigma* sp. 6. Amazonas (NNP Amacayacu). Vaupés (Igapó, Mosiro-Itajura).
- Genus *Odontopsocus* Badonnel, 1987**
- 205.** *Odontopsocus compactus* Lienhard, 2002*. Magdalena (Sierra Nevada de Santa Marta).
- Genus *Parepipsocus* Badonnel, 1986**
- 206.** *Parepipsocus obscurus* Badonnel, 1986*. Cundinamarca (Páramo de Montserrat).
- Genus *Periepipsocus* García Aldrete, Mendivil and González, 2015**
- 207.** *Periepipsocus caliensis* García Aldrete, Mendivil and González, 2015. Valle del Cauca (Santiago de Cali).
- Genus *Terryerwinia* García Aldrete, 2005**
- 208.** *Terryerwinia acutiphallica* García Aldrete, 2005. Putumayo (Puerto Asís).
- New genus 1**
- 209.** *New genus 1*. sp. 1. Valle del Cauca (Dagua).
- 210.** *New genus 1*. sp. 2. Valle del Cauca (Buenaventura).
- 211.** *New genus 1*. sp. 3. Putumayo (Puerto Asís). Valle del Cauca (Dagua).
- 212.** *New genus 1*.sp. 4. Amazonas (NNP Amacayacu). Putumayo (Puerto Asís, Puerto Leguizamo).
- 213.** *New genus 1*. sp. 5. Amazonas (NNP Amacayacu). Putumayo (Mocoa, Puerto Asís).
- 214.** *New genus 1*. sp. 6. Amazonas (NNP Amacayacu). Caquetá (ca. NNP Chiribiquete). Meta (Serranía de La Macarena).
- 215.** *New genus 1*. sp. 7. Meta (Río Oloroso). Putumayo (Puerto Leguizamo).
- 216.** *New genus 1*. sp. 8. Meta (Serranía de La Macarena).
- 217.** *New genus 1*. sp. 9. Putumayo (NNP La Paya). Vaupés (Igapó, Mosiro-Itajura).
- 218.** *New genus 1*. sp. 10. Putumayo (Puerto Asís). Vaupés (Igapó, Mosiro-Itajura).
- 219.** *New genus 1*. sp. 11. Putumayo (Puerto Asís).
- 220.** *New genus 1*. sp. 12. Putumayo (Puerto Leguizamo).
- 221.** *New genus 1*. sp. 13. Putumayo (Puerto Asís).
- 222.** *New genus 1*. sp. 14. Putumayo (Puerto Asís).
- 223.** *New genus 1*. sp. 15. Putumayo (Mocoa).
- 224.** *New genus 1*. sp. 16. Putumayo (Puerto Asís).
- Family Ptiloneuridae**
- New Genus**
- 225.** *New genus* sp. 1. Cundinamarca (NR Chicaque).
- 226.** *New genus* sp. 2. Huila (NR Meremberg, Cascada La Candelaria).
- 227.** *New genus* sp. 3. Valle del Cauca (Santiago de Cali). Risaralda (Planes de San Rafael Sanctuary).
- 228.** *New genus* sp. 4. Huila (NR Meremberg).
- 229.** *New genus* sp. 5. Norte de Santander (NNP Tamá).
- Genus *Euplocania* Enderlein, 1910**
- 230.** *Euplocania badonneli* New and Thornton, 1988. Amazonas (NNP Amacayacu). Caquetá (San Vicente del Caguán, Jericó-Consayá). Putumayo (Puerto Asís).
- 231.** *Euplocania bonaverensis* González, García Aldrete and Carrejo, 2015. Valle del Cauca (Buenaventura).
- 232.** *Euplocania caliensis* González, García Aldrete and Carrejo, 2015. Valle del Cauca (Santiago de Cali, Ansermá Nuevo). Antioquia (Maceo).
- 233.** *Euplocania caquetaensis* González, García Aldrete and Carrejo, 2017. Caquetá (Belén de Los Andaquíes, San Vicente del Caguán).
- 234.** *Euplocania daguaensis* González, García Aldrete and Carrejo, 2015. Valle del Cauca (Dagua).

- 235.** *Euplocania danubiana* González, García Aldrete and Carrejo, 2015. Valle del Cauca (Buenaventura, Dagua).
- 236.** *Euplocania gaitana* González, García Aldrete and Carrejo, 2017. Caquetá (Belén de Los Andaquíes).
- 237.** *Euplocania guentherbuchi* González, García Aldrete and Carrejo, 2015. Huila (NR Meremberg).
- 238.** *Euplocania laelsa* González, García Aldrete and Carrejo, 2017. Valle del Cauca (Dagua).
- 239.** *Euplocania macarenaensis* González, García Aldrete and Carrejo, 2015. Meta (NNP Serranía de La Macarena).
- 240.** *Euplocania nasa* González, García Aldrete and Carrejo, 2017. Huila (NNP Cueva de Los Guácharos).
- 241.** *Euplocania reyesi* García Aldrete, González and Carrejo, 2013. Magdalena (NNP Tayrona).
- 242.** *Euplocania vallecaucana* González, García Aldrete and Carrejo, 2015. Valle del Cauca (Dagua).
- 243.** *Euplocania yalcona*. González, García Aldrete and Carrejo, 2017. Huila (Palestina).
- 244.** *Euplocania* sp. 1. Putumayo (Mocoa).
- 245.** *Euplocania* sp. 2. Risaralda (NR Río Negro).
- 246.** *Euplocania* sp. 3. Chocó (NNP Los Katíos).
- 247.** *Euplocania* sp. 4. Caquetá (Belén de Los Andaquíes).
- 248.** *Euplocania* sp. 5. Caquetá (San Vicente del Caguán).
- 249.** *Euplocania* sp. 6. Caquetá (San Vicente del Caguán).
- 250.** *Euplocania* sp. 7. Caquetá (San Vicente del Caguán).
- 251.** *Euplocania* sp. 8. Caquetá (San Vicente del Caguán).
- 252.** *Euplocania* sp. 9. Putumayo (Puerto Asís).
- 253.** *Euplocania* sp. 10. Caquetá (San Vicente del Caguán). Putumayo (Mocoa).
- 254.** *Euplocania* sp. 11. Chocó (NNP Los Katíos). Valle del Cauca (Buenaventura).
- 255.** *Euplocania* sp. 12. Putumayo (Puerto Asís).
- 256.** *Euplocania* sp. 13. Vaupés (Caparú, Mosiro-Itajura).
- 257.** *Euplocania* sp. 14. Amazonas (NNP Amacayacu).
- 258.** *Euplocania* sp. 15. Amazonas (NNP Amacayacu). Putumayo (Puerto Leguizamo).
- 259.** *Euplocania* sp. 16. Putumayo (Puerto Leguizamo).
- 260.** *Euplocania* sp. 17. Caquetá (San Vicente del Caguán).
- 261.** *Euplocania* sp. 18. Meta (NNP Serranía de La Macarena).
- 262.** *Loneura andina* García Aldrete, Mendivil and González, 2012. Valle del Cauca (Santiago de Cali). Risaralda (FFS Otún-Quimbaya).
- 263.** *Loneura colombiana* García Aldrete, González and Carrejo, 2011. Magdalena (NNP Tayrona). Meta (Villavicencio).
- 264.** *Loneura dapaensis* Mendivil, García Aldrete and González, 2017. Valle del Cauca (La Cumbre). Risaralda (Planes de San Rafael Sanctuary, NR Pueblo Rico).
- 265.** *Loneura deibyi* Mendivil, García Aldrete and González, 2017. Valle del Cauca (Dagua, Santiago de Cali, El Dovio).
- 266.** *Loneura eberhardi* Mendivil, García Aldrete and González, 2017. Valle del Cauca (Santiago de Cali, Dagua). Risaralda (NR Río Negro).
- 267.** *Loneura farallonensis* Mendivil, García Aldrete and González, 2017. Valle del Cauca (Santiago de Cali).
- 268.** *Loneura gorgonaensis* García Aldrete, González and Sarria, 2011. Cauca. (NNP Gorgona Island). Valle del Cauca (Buenaventura, Dagua).
- 269.** *Loneura insularis* García Aldrete, González and Sarria, 2011. Cauca (NNP Gorgona Island).
- 270.** *Loneura mirandaensis* García Aldrete, 2007. Valle del Cauca (Santiago de Cali).
- 271.** *Loneura monticola* García Aldrete, González and Sarria, 2011. Cauca (NNP Gorgona Island).
- 272.** *Loneura montserrate* Mendivil, García Aldrete and González, 2017. Valle del Cauca (Santiago de Cali). Risaralda (Planes de San Rafael Sanctuary, NR Río Negro).
- 273.** *Loneura quimbaya* Mendivil, García Aldrete and González, 2017. Risaralda (FFS Otún- Quimbaya).
- 274.** *Loneura tuluaensis* García Aldrete, Mendivil and González, 2012. Valle del Cauca (Tuluá, El Dovio).
- 275.** *Loneura univalle* Mendivil, García Aldrete and González, 2017. Valle del Cauca (Santiago de Cali). Caquetá (San Vicente del Caguán).
- 276.** *Loneura* sp. 1. Magdalena (NNP Tayrona).
- 277.** *Loneura* sp. 2. Valle del Cauca (Dagua). Risaralda (NR Río Negro).
- 278.** *Loneura* sp. 3. Magdalena (NNP Tayrona).
- 279.** *Loneura* sp. 4. Putumayo (Puerto Asís).
- 280.** *Loneura* sp. 5. Putumayo (Puerto Asís).
- 281.** *Loneura* sp. 6. Magdalena (NNP Tayrona, Ciénaga, San Javier).
- 282.** *Loneura* sp. 7. Magdalena (Ciénaga, San Javier).
- 283.** *Loneura* sp. 8. Huila (NNP Cueva de Los Guácharos, NR Meremberg).
- 284.** *Loneura* sp. 9. Huila (Palestina, La Mensura).
- 285.** *Loneura* sp. 10. Risaralda (FFS Otún-Quimbaya).
- 286.** *Loneura* sp. 11. Chocó (NNP Los Katíos).
- 287.** *Loneura* sp. 12. Caquetá (Belén de Los Andaquíes).
- 288.** *Loneura* sp. 13. Caquetá (Belén de Los Andaquíes).
- 289.** *Loneura* sp. 14. Caquetá (Belén de Los Andaquíes).
- 290.** *Loneura* sp. 15. Caquetá (Belén de Los Andaquíes).
- 291.** *Loneura* sp. 16. Caquetá (Belén de Los Andaquíes).
- 292.** *Loneura* sp. 17. Caquetá (San Vicente del Caguán).
- 293.** *Loneura* sp. 18. Caquetá (San Vicente del Caguán).
- 294.** *Loneura* sp. 19. Putumayo (Puerto Asís).
- 295.** *Loneura* sp. 20. Caquetá (San Vicente del Caguán).
- 296.** *Loneura* sp. 21. Caquetá (San Vicente del Caguán).
- 297.** *Loneura* sp. 22. Caquetá (San Vicente del Caguán).
- 298.** *Loneura* sp. 23. Caquetá (San Vicente del Caguán).
- 299.** *Loneura* sp. 24. Caquetá (San Vicente del Caguán).

Genus *Loneura* Navás, 1927

- 262.** *Loneura andina* García Aldrete, Mendivil and González, 2012. Valle del Cauca (Santiago de Cali). Risaralda (FFS Otún-Quimbaya).
- 263.** *Loneura colombiana* García Aldrete, González and Carrejo, 2011. Magdalena (NNP Tayrona). Meta (Villavicencio).
- 264.** *Loneura dapaensis* Mendivil, García Aldrete and González, 2017. Valle del Cauca (La Cumbre). Risaralda (Planes de San Rafael Sanctuary, NR Pueblo Rico).
- 265.** *Loneura deibyi* Mendivil, García Aldrete and González, 2017. Valle del Cauca (Dagua, Santiago de Cali, El Dovio).
- 266.** *Loneura eberhardi* Mendivil, García Aldrete and González, 2017. Valle del Cauca (Santiago de Cali, Dagua). Risaralda (NR Río Negro).
- 267.** *Loneura farallonensis* Mendivil, García Aldrete and González, 2017. Valle del Cauca (Santiago de Cali).
- 268.** *Loneura gorgonaensis* García Aldrete, González and Sarria, 2011. Cauca. (NNP Gorgona Island). Valle del Cauca (Buenaventura, Dagua).
- 269.** *Loneura insularis* García Aldrete, González and Sarria, 2011. Cauca (NNP Gorgona Island).
- 270.** *Loneura mirandaensis* García Aldrete, 2007. Valle del Cauca (Santiago de Cali).
- 271.** *Loneura monticola* García Aldrete, González and Sarria, 2011. Cauca (NNP Gorgona Island).
- 272.** *Loneura montserrate* Mendivil, García Aldrete and González, 2017. Valle del Cauca (Santiago de Cali). Risaralda (Planes de San Rafael Sanctuary, NR Río Negro).
- 273.** *Loneura quimbaya* Mendivil, García Aldrete and González, 2017. Risaralda (FFS Otún- Quimbaya).
- 274.** *Loneura tuluaensis* García Aldrete, Mendivil and González, 2012. Valle del Cauca (Tuluá, El Dovio).
- 275.** *Loneura univalle* Mendivil, García Aldrete and González, 2017. Valle del Cauca (Santiago de Cali). Caquetá (San Vicente del Caguán).
- 276.** *Loneura* sp. 1. Magdalena (NNP Tayrona).
- 277.** *Loneura* sp. 2. Valle del Cauca (Dagua). Risaralda (NR Río Negro).
- 278.** *Loneura* sp. 3. Magdalena (NNP Tayrona).
- 279.** *Loneura* sp. 4. Putumayo (Puerto Asís).
- 280.** *Loneura* sp. 5. Putumayo (Puerto Asís).
- 281.** *Loneura* sp. 6. Magdalena (NNP Tayrona, Ciénaga, San Javier).
- 282.** *Loneura* sp. 7. Magdalena (Ciénaga, San Javier).
- 283.** *Loneura* sp. 8. Huila (NNP Cueva de Los Guácharos, NR Meremberg).
- 284.** *Loneura* sp. 9. Huila (Palestina, La Mensura).
- 285.** *Loneura* sp. 10. Risaralda (FFS Otún-Quimbaya).
- 286.** *Loneura* sp. 11. Chocó (NNP Los Katíos).
- 287.** *Loneura* sp. 12. Caquetá (Belén de Los Andaquíes).
- 288.** *Loneura* sp. 13. Caquetá (Belén de Los Andaquíes).
- 289.** *Loneura* sp. 14. Caquetá (Belén de Los Andaquíes).
- 290.** *Loneura* sp. 15. Caquetá (Belén de Los Andaquíes).
- 291.** *Loneura* sp. 16. Caquetá (Belén de Los Andaquíes).
- 292.** *Loneura* sp. 17. Caquetá (San Vicente del Caguán).
- 293.** *Loneura* sp. 18. Caquetá (San Vicente del Caguán).
- 294.** *Loneura* sp. 19. Putumayo (Puerto Asís).
- 295.** *Loneura* sp. 20. Caquetá (San Vicente del Caguán).
- 296.** *Loneura* sp. 21. Caquetá (San Vicente del Caguán).
- 297.** *Loneura* sp. 22. Caquetá (San Vicente del Caguán).
- 298.** *Loneura* sp. 23. Caquetá (San Vicente del Caguán).
- 299.** *Loneura* sp. 24. Caquetá (San Vicente del Caguán).

Genus *Loneuroides* García Aldrete, 2006

- 300.** *Loneuroides bretanaensis* García Aldrete, González

- and Carrejo, 2016. Risaralda (FFS Otún-Quimbaya). Valle del Cauca (Sevilla).
- 301.** *Loneuroides colombianus* García Aldrete, González and Carrejo, 2016. Cundinamarca (NR Chicaque-Tirolesa). Valle del Cauca (Sevilla).
- 302.** *Loneuroides ledesmai* García Aldrete, González and Carrejo, 2016. Risaralda (Planes de San Rafael Sanctuary, FFS Otún-Quimbaya).
- 303.** *Loneuroides rionegroensis* García Aldrete, González and Carrejo, 2016. Risaralda (NR Río Negro).
- 304.** *Loneuroides santanderinus* García Aldrete, González and Carrejo, 2016. Norte de Santander (NNP Tamá).
- 305.** *Loneuroides tamaensis* García Aldrete, González and Carrejo, 2016. Norte de Santander (NNP Tamá).
- 306.** *Loneuroides venezolanus* García Aldrete, 2006. Valle del Cauca (La Cumbre).
- 307.** *Loneuroides* sp. 1. Huila (NR Meremberg).
- Genus *Perucania* New and Thornton, 1988**
- 308.** *Perucania longiareola* New and Thornton, 1988. Caquetá (Macarena, Resguardo Indígena Kiwe).
- Genus *Ptiloneura* Enderlein, 1900**
- 309.** *Ptiloneura bidorsalis* Enderlein, 1900. Huila (NNP Cueva de Los Guácharos).
- Genus *Triplocania* (Roesler, 1940)**
- 310.** *Triplocania amacayacuensis* González, Carrejo and García Aldrete, 2017. Amazonas (NNP Amacayacu).
- 311.** *Triplocania anchicayaensis* González, Carrejo and García Aldrete, 2017. Valle del Cauca (Buenaventura).
- 312.** *Triplocania andaqui* González, Carrejo and García Aldrete, 2017. Huila (NNP Cueva de Los Guácharos).
- 313.** *Triplocania arhuaca* González, Carrejo and García Aldrete, 2017. Magdalena (NNP Tayrona).
- 314.** *Triplocania asisensis* González, Carrejo and García Aldrete, 2017. Putumayo (Puerto Asís).
- 315.** *Triplocania awa* González, Carrejo and García Aldrete, 2017. Putumayo (Mocoa). Caquetá (Belén de Los Anadaquies).
- 316.** *Triplocania bicornuta* González, Carrejo and García Aldrete, 2017. Valle del Cauca (Buenaventura, Dagua).
- 317.** *Triplocania bubuae* González, Carrejo and García Aldrete, 2017. Valle del Cauca (Buenaventura).
- 318.** *Triplocania calima* González, Carrejo and García Aldrete, 2017. Valle del Cauca (Santiago de Cali).
- 319.** *Triplocania camentsa* González, Carrejo and García Aldrete, 2017. Putumayo (Mocoa). Caquetá (Belén de Los Anadaquies).
- 320.** *Triplocania cantatis* González, Carrejo and García Aldrete, 2017. Huila (Palestina; NR El Encanto).
- 321.** *Triplocania caribe* González, Carrejo and García Aldrete, 2017. Norte de Santander (NNP Tamá).
- 322.** *Triplocania chocoensis* González, Carrejo and García Aldrete, 2017. Valle del Cauca (Buenaventura).
- 323.** *Triplocania dimitrii* González, Carrejo and García Aldrete, 2017. Cundinamarca (Soacha: NR Chicaque).
- 324.** *Triplocania embera* González, Carrejo and García Aldrete, 2017. Valle del Cauca (Buenaventura).
- 325.** *Triplocania erwini* Silva-Neto, Rafael and García Aldrete, 2015. Amazonas (NNP Amacayacu). Putumayo (Puerto Asís).
- 326.** *Triplocania felidiaensis* González, Carrejo and García Aldrete, 2017. Valle del Cauca (Jamundí, Santiago de Cali).
- 327.** *Triplocania furcata* New, 1972. Amazonas (NNP Amacayacu). Putumayo (Puerto Leguizamo).
- 328.** *Triplocania furcatoides* González, Carrejo and García Aldrete, 2017. Amazonas (NNP Amacayacu).
- 329.** *Triplocania garciamarquezi* González, Carrejo and García Aldrete, 2017. Valle del Cauca (Roldanillo).
- 330.** *Triplocania guane* González, Carrejo and García Aldrete, 2017. Norte de Santander (NNP Tamá).
- 331.** *Triplocania huilaensis* González, Carrejo and García Aldrete, 2017. Huila (NR Meremberg).
- 332.** *Triplocania huitota* González, Carrejo and García Aldrete, 2017. Putumayo (Puerto Asís). Caquetá (San Vicente del Caguán).
- 333.** *Triplocania humboldtiana* González, Carrejo and García Aldrete, 2017. Norte de Santander (NNP Tamá).
- 334.** *Triplocania inga* González, Carrejo and García Aldrete, 2017. Putumayo (Mocoa).
- 335.** *Triplocania kichwa* González, Carrejo and García Aldrete, 2017. Putumayo (Puerto Asís).
- 336.** *Triplocania korebaju* González, Carrejo and García Aldrete, 2017. Putumayo (Puerto Asís).
- 337.** *Triplocania lamasi* Silva-Neto, Rafael and García Aldrete, 2014. Putumayo (Puerto Asís, Puerto Leguizamo, NNP La Paya).
- 338.** *Triplocania lamasoides* Silva-Neto, Rafael and García Aldrete, 2015. Caquetá (San Vicente del Caguán, Resguardo Indígena Yaguara).
- 339.** *Triplocania lamensuraensis* González, Carrejo and García Aldrete, 2017. Huila (Palestina, La Mensura).
- 340.** *Triplocania lapayaensis* González, Carrejo and García Aldrete, 2017. Putumayo (Puerto Leguizamo, NNP La Paya).
- 341.** *Triplocania leguizamoensis* González, Carrejo and García Aldrete, 2017. Putumayo (Puerto Leguizamo).
- 342.** *Triplocania litophila* González, Carrejo and García Aldrete, 2017. Valle del Cauca (La Cumbre).
- 343.** *Triplocania maricarmenae* González, Carrejo and García Aldrete, 2017. Caldas (Manizales).
- 344.** *Triplocania matilda* González, Carrejo and García Aldrete, 2017. Huila (NR Meremberg).
- 345.** *Triplocania mocoaensis* González, Carrejo and García Aldrete, 2017. Putumayo (Mocoa).
- 346.** *Triplocania motilona* González, Carrejo and García Aldrete, 2017. Norte de Santander (NNP Tamá).
- 347.** *Triplocania otunquimbayaensis* González, Carrejo and García Aldrete, 2017. Risaralda (FFS Otún-

- Quimbaya).
- 348.** *Triplocania panchei* González, Carrejo and García Aldrete, 2017. Putumayo (Mocoa). Caquetá (Belén de Los Andaquíes).
- 349.** *Triplocania pericosensis* González, Carrejo and García Aldrete, 2017. Valle del Cauca (Buenaventura).
- 350.** *Triplocania robustoides* González, Carrejo and García Aldrete, 2017. Putumayo (Puerto Asís).
- 351.** *Triplocania rugosa* González, Carrejo and García Aldrete, 2017. Valle del Cauca (Buenaventura).
- 352.** *Triplocania sarmaca* González, Carrejo and García Aldrete, 2017. Putumayo (NNP La Paya).
- 353.** *Triplocania sarriae* González, Carrejo and García Aldrete, 2017. Valle del Cauca (Buenaventura, Dagua).
- 354.** *Triplocania sevillaensis* González, Carrejo and García Aldrete, 2017. Valle del Cauca (Sevilla).
- 355.** *Triplocania yanacona* González, Carrejo and García Aldrete, 2017. Risaralda (FFS Otún-Quimbaya, (NR Río Negro). Valle del Cauca (La Cumbre, Santiago de Cali). Caquetá (San Vicente del Caguán).
- 356.** *Triplocania* sp. 1. Cauca (NNP Gorgona Island).
- 357.** *Triplocania* sp. 2. Chocó (NNP Los Katíos).
- 358.** *Triplocania* sp. 3. Caquetá (Belén de Los Andaquíes).
- 359.** *Triplocania* sp. 4. Caquetá (Belén de Los Andaquíes).
- 360.** *Triplocania* sp. 5. Caquetá (Belén de Los Andaquíes).
- 361.** *Triplocania* sp. 6. Caquetá (San Vicente del Caguán).
- 362.** *Triplocania* sp. 7. Caquetá (San Vicente del Caguán).
- 363.** *Triplocania* sp. 8. Caquetá (San Vicente del Caguán).
- 364.** *Triplocania* sp. 9. Caquetá (San Vicente del Caguán).
- 365.** *Triplocania* sp. 10. Caquetá (San Vicente del Caguán).

Infraorder Caeciliusetae**Family Amphipsocidae****Genus *Polypsocus* Hagen, 1866**

- 366.** *Polypsocus* sp. 1. Norte de Santander (NNP Tamá).
- 367.** *Polypsocus* sp. 2. Valle del Cauca (Dagua, Santiago de Cali).
- 368.** *Polypsocus* sp. 3. Valle del Cauca (Santiago de Cali).

Family Asiopsocidae**Genus *Notiopsisocus* Banks, 1913**

- 369.** *Notiopsisocus* sp. 1. Cauca (NNP Gorgona).
- 370.** *Notiopsisocus* sp. 2. Chocó (NNP Los Katíos)

Family Caeciliusidae**Genus *Coryphaca* Enderlein, 1910**

- 371.** *Coryphaca* sp. 1. Valle del Cauca (Santiago de Cali). Huila (NNP Cueva de Los Guácharos).
- 372.** *Coryphaca* sp. 2. Huila (NNP Cueva de Los Guácharos).

Genus *Valenzuela* Navás, 1924

- 373.** *Valenzuela andeanus* (New and Thornton, 1975)*. Cundinamarca (Bogotá).
- 374.** *Valenzuela columbianus* (Badonnel, 1986)*.

Magdalena (Capote).

- 375.** *Valenzuela paramonus* (Badonnel, 1986)*. Cundinamarca (Páramo de Montserrate).
- 376.** *Valenzuela thiemei* (Enderlein, 1903)*. Cordillera, Tierra fría.
- 377.** *Valenzuela* sp. 1. Cauca (NNP Gorgona Island).
- 378.** *Valenzuela* sp. 2. Cauca (NNP Gorgona Island).
- 379.** *Valenzuela* sp. 3. Cauca (NNP Gorgona Island).
- 380.** *Valenzuela* sp. 4. Cauca (NNP Gorgona Island).
- 381.** *Valenzuela* sp. 5. Cauca (NNP Gorgona Island).
- 382.** *Valenzuela* sp. 6. Cauca (NNP Gorgona Island).

Genus *Xanthocaecilius* Mockford, 1989

- 383.** *Xanthocaecilius montserratensis* (Badonnel, 1986)*. Cundinamarca (Páramo de Montserrate).

Family Dasydemellidae**Genus *Dasydemella* Enderlein, 1909**

- 384.** *Dasydemella montana* Badonnel, 1986*. Cundinamarca, Páramo de Montserrate.
- 385.** *Dasydemella obrienorum* García Aldrete, 1978. Valle del Cauca (Santiago de Cali).
- 386.** *Dasydemella* sp. 1. Risaralda (FFS Otún-Quimbaya)

Genus *Teliapsocus* Chapman, 1930

- 387.** *Teliapsocus distinctus* Badonnel, 1986*. Cundinamarca (Páramo de Palacio-Chisacá).

Family Stenopsocidae**Genus *Graphopsocus* Kolbe, 1980**

- 388.** *Graphopsocus cruciatus* (Linnaeus, 1768). Cauca (NNP Gorgona Island). Valle del Cauca (Dagua). Caquetá (San Vicente del Caguán).

Infraorder Homilopsocidea**Family Archipsocidae****Genus *Archipsocus* Hagen, 1882**

- 389.** *Archipsocus* sp. Valle del Cauca (Santiago de Cali).
- 390.** *Archipsocus badonneli* New, 1973*. Meta (Los Salados, ca. Villavicencio). Magdalena (Capote).
- 391.** *Archipsocus castrii* Badonnel, 1978*. Magdalena (Capote).
- 392.** *Archipsocus cervinus* New, 1973*. Cundinamarca (Bogotá).
- 393.** *Archipsocus modestus* New, 1973*. Magdalena (Capote).

Genus *Pararchipsocus* Badonnel, Mockford and García Aldrete, 1984

- 394.** *Pararchipsocus* sp. Cauca (NNP Gorgona).

Family Ectopsocidae**Genus *Ectopsocus* McLachlan, 1899**

- 395.** *Ectopsocus andinus* Saenz, González and García Aldrete, 2014. Valle del Cauca (Santiago de Cali, Tuluá).
- 396.** *Ectopsocus briggsi* McLachlan, 1899. Valle del

- Cauca (El Cerrito, La Cumbre).
- 397.** *Ectopsocus californicus* Banks, 1903. Cauca. (NNP Gorgona Island). Valle del Cauca (La Cumbre).
- 398.** *Ectopsocus columbianus* Badonnel, 1986. Meta (Los Salados, ca. Villavicencio). Valle del Cauca (Santiago de Cali).
- 399.** *Ectopsocus gorgonaensis* Saenz, González and García Aldrete, 2014. Cauca (NNP Gorgona Island).
- 400.** *Ectopsocus maindroni* Badonnel, 1935. Cauca (NNP Gorgona Island). Valle del Cauca (Santiago de Cali).
- 401.** *Ectopsocus meridionalis* Ribaga, 1904. Cauca (NNP Gorgona Island). Boyacá, (Lago de Tota). Risaralda (FFS Otún-Quimbaya). Valle del Cauca (La Cumbre, El Cerrito, Santiago de Cali).
- 402.** *Ectopsocus pilosus* Badonnel, 1967. Valle del Cauca (Dagua, Santiago de Cali).
- 403.** *Ectopsocus richardsi* Pearman, 1929. Valle del Cauca (Santiago de Cali, Buenaventura).
- 404.** *Ectopsocus titschacki* Jentsch, 1939. Cauca (NNP Gorgona Island).
- 405.** *Ectopsocus thorntoni* García Aldrete, 1991. Cauca (NNP Gorgona Island). Chocó (NNP Los Katios).
- 406.** *Ectopsocus valvibolatus* Saenz, González and García Aldrete, 2014. Cauca (NNP Gorgona Island).
- 407.** *Ectopsocus vilhenai* Badonnel, 1955. Valle del Cauca (El Cerrito).
- 408.** *Ectopsocus vilhenaioides* Saenz, González and García Aldrete, 2014. Valle del Cauca (Buenaventura, El Cerrito, Santiago de Cali).
- 409.** *Ectopsocus* sp. 1. Risaralda (FFS Otún-Quimbaya)

Genus *Ectopsocopsis* Badonnel, 1955

- 410.** *Ectopsocopsis cryptomeriae* (Enderlein). Valle del Cauca (Santiago de Cali).

Family Lachesillidae

Subfamily Lachesillinae

Genus *Lachesilla* Westwood, 1840

Pedicularia species group

- 411.** *Lachesilla aethiopica* (Enderlein, 1902). Valle del Cauca (Santiago de Cali, Roldanillo).
- 412.** *Lachesilla aldretei* Badonnel, 1986*. Meta (Llanos Orientales, ca. Los Salados and Río Humea). Tolima (Icononzo). Cundinamarca (Páramo de Montserrat).
- 413.** *Lachesilla amacayacuensis* García Aldrete, 2010. Amazonas (NNP Amacayacu).
- 414.** *Lachesilla asymmetriproctus* García Aldrete, 2008. Putumayo (Puerto Asís).
- 415.** *Lachesilla cesarcardonai* García Aldrete, González and Saldaña, 2014. Valle del Cauca (Santiago de Cali).
- 416.** *Lachesilla nuptialis* Badonnel and García Aldrete, 1980. Valle del Cauca (Santiago de Cali).
- 417.** *Lachesilla huitota* Saenz, García Aldrete and González, 2015. Putumayo (Puerto Asís).
- 418.** *Lachesilla ilama* García Aldrete, González and Saldaña, 2014. Valle del Cauca (Santiago de Cali).

- 419.** *L. ca. iguazuensis* García Aldrete, 2004. Valle del Cauca (El Cerrito, Cerrito Adentro).
- 420.** *Lachesilla putumayensis* Saenz, García Aldrete and González, 2015. Putumayo (Puerto Asís).
- 421.** *Lachesilla ca. rena* Sommerman, 1946. Valle del Cauca (El Cerrito).
- 422.** *Lachesilla ca. teresiana* García Aldrete and Mockford, 2009. Valle del Cauca (Santiago de Cali).
- 423.** *Lachesilla ca. veneper* García Aldrete, 2010. Valle del Cauca (Santiago de Cali).
- 424.** *Lachesilla* sp. 4. Valle del Cauca (Santiago de Cali).
- 425.** *Lachesilla* sp. 5. Valle del Cauca (Santiago de Cali).
- 426.** *Lachesilla* sp. 6. Valle del Cauca (Dagua).
- 427.** *Lachesilla* sp. 7. Valle del Cauca (Dagua).
- 428.** *Lachesilla* sp. 8. Valle del Cauca (Santiago de Cali).
- 429.** *Lachesilla* sp. 9. Valle del Cauca (Santiago de Cali).
- 430.** *Lachesilla* sp. 10. Valle del Cauca (Santiago de Cali).
- 431.** *Lachesilla* sp. 11. Valle del Cauca (Dagua).
- 432.** *Lachesilla* sp. 12. Valle del Cauca (Dagua).
- 433.** *Lachesilla* sp. 13. Valle del Cauca (Yumbo).
- 434.** *Lachesilla* sp. 14. Valle del Cauca (Tuluá).
- 435.** *Lachesilla* sp. 15. Valle del Cauca (La Cumbre).
- 436.** *Lachesilla* sp. 16. Valle del Cauca (Tuluá).
- 437.** *Lachesilla* sp. 17. Valle del Cauca (Santiago de Cali).
- 438.** *Lachesilla* sp. 18. Huila (NNP Cueva de Los Guácharos).
- 439.** *Lachesilla* sp. 19. Huila (Palestina, La Mensura).

Forcepetia species group

- 440.** *Lachesilla ariasi* García Aldrete, 2004. Putumayo (Puerto Asís).
- 441.** *Lachesilla asperiforceps* García Aldrete, 2001. Valle del Cauca (Santiago de Cali).
- 442.** *Lachesilla bicornata* New and Thornton, 1975. Valle del Cauca (Santiago de Cali).
- 443.** *Lachesilla ca. bicornata* New and Thornton, 1975. Putumayo (Puerto Asís).
- 444.** *Lachesilla ecuatoriana* García Aldrete, 2000. Valle del Cauca (El Cerrito).
- 445.** *Lachesilla ca. ecuatoriana* García Aldrete. Valle del Cauca (Santiago de Cali).
- 446.** *Lachesilla falcata* García Aldrete, 2000. Putumayo Puerto Asís). Amazonas (NNP Amacayacu).
- 447.** *Lachesilla pigmentithorax* García Aldrete, 1996. Cauca (NNP Gorgona Island). Valle del Cauca (Santiago de Cali, Tuluá).
- 448.** *Lachesilla rugosa* García Aldrete, 1996. Valle del Cauca (Darién, Santiago de Cali, La Cumbre, El Cerrito, Roldanillo).
- 449.** *Lachesilla valvula* New and Thornton, 1975. Valle del Cauca (Roldanillo, Tuluá).
- 450.** *Lachesilla ca. valvula* New and Thornton, 1975. Valle del Cauca (Roldanillo).
- 451.** *Lachesilla latiforceps* García Aldrete and Mockford,

2011. Valle del Cauca (Santiago de Cali).
- 452.** *Lachesilla ca. cuala* García Aldrete, 1988. Valle del Cauca (Santiago de Cali).
- 453.** *Lachesilla ca. penta* Sommerman, 1946. Valle del Cauca (Santiago de Cali).
- 454.** *Lachesilla ca. laciniosisforceps* García Aldrete, 1999. Valle del Cauca (Darién).
- 455.** *Lachesilla ca. pigmentithorax* García Aldrete, 1996. Valle del Cauca (El Cerrito).
- 456.** *Lachesilla* sp. 6. Valle del Cauca (Santiago de Cali, El Cerrito).
- 457.** *Lachesilla* sp. 7. Valle del Cauca (Santiago de Cali),
- 458.** *Lachesilla* sp. 8. Valle del Cauca (Santiago de Cali).
- 459.** *Lachesilla* sp. 9. Valle del Cauca (Buenaventura).
- 460.** *Lachesilla* sp. 10. Putumayo (Puerto Asís).
- 461.** *Lachesilla* sp. 11. Caquetá (San Vicente del Caguán).

***Riegeli* species group**

- 462.** *Lachesilla riegeli* Sommerman, 1946. Valle del Cauca (Dagua, Darién, Roldanillo).
- 463.** *Lachesilla ca. riegeli* Sommerman, 1946. Valle del Cauca (Dagua).

***Sclera* species group**

- 464.** *Lachesilla graminicola* Badonnel, 1986. Valle del Cauca (Tenerife).
- 465.** *Lachesilla leonilae* García Aldrete, 1986. Valle del Cauca (Darién, Santiago de Cali).

***Corona* species group**

- 466.** *Lachesilla ca. picticeps* Mockford, 1986. Valle del Cauca (La Cumbre, El Cerrito).
- 467.** *Lachesilla* sp. 2. Valle del Cauca (Darién).
- 468.** *Lachesilla* sp. 3. Valle del Cauca (Santiago de Cali).
- 469.** *Lachesilla* sp. 4. Valle del Cauca (Santiago de Cali).

***Centralis* species group**

- 470.** *Lachesilla ca. cintalapa* García Aldrete, 1983. Valle del Cauca (El Cerrito).
- 471.** *Lachesilla ca. perezi* García Aldrete, 1983. Valle del Cauca (Darién, Santiago de Cali).

Genus *Hemicaecilius* Enderlein, 1903

- 472.** *Hemicaecilius bogotanus* Enderlein, 1903*. Cundinamarca (Bogotá).
- 473.** *Hemicaecilius mockfordi* García Aldrete, González and Carrejo, 2012. Valle del Cauca (Santiago de Cali, El Cerrito, Sevilla).
- 474.** *Hemicaecilius smithersi* García Aldrete, González and Carrejo, 2012. Valle del Cauca (Santiago de Cali).
- 475.** *Hemicaecilius nicolasi* García Aldrete, González and Carrejo, 2012. Valle del Cauca (Santiago de Cali).
- 476.** *Hemicaecilius rauli* García Aldrete, González and Carrejo, 2012. Valle del Cauca (Santiago de Cali).
- 477.** *Hemicaecilius* sp. 5. Valle del Cauca (Dagua).

- 478.** *Hemicaecilius* sp. 6. Norte de Santander (NNP Tamá).

Genus *Nadleria* Badonnel and García Aldrete, 1979

- 479.** *Nadleria* sp. 1. Valle del Cauca (Dagua).
- 480.** *Nadleria* sp. 2. Valle del Cauca (Dagua).
- 481.** *Nadleria* sp. 3. Putumayo (Puerto Asís).
- 482.** *Nadleria* sp. 4. Caquetá (San Vicente del Caguán).

Genus *Waoraniella* García Aldrete, 2006

- 483.** *Waoraniella andina* Saenz, González and García Aldrete, 2018. Valle del Cauca (El Cerrito).
- 484.** *Waoraniella jarlinsoni* Saenz, González and García Aldrete, 2018. Valle del Cauca (Santiago de Cali).
- 485.** *Waoraniella* sp. 3. Huila (NNP Cueva de Los Guácharos).

Subfamily *Eolachesillinae***Tribe *Graphocaeciliini*****Genus *Acantholachesilla* García Aldrete, Saenz and González, 2014**

- 486.** *Acantholachesilla saltoensis* García Aldrete, Saenz and González, 2014. Valle del Cauca (Buenaventura).
- 487.** *Acantholachesilla* sp. Cauca (NNP Munchique).

Genus *Amazolachesilla* García Aldrete and Mockford, 2011

- 488.** *Amazolachesilla* ca. *ariasi* García Aldrete and Mockford, 2011. Putumayo (Puerto Asís).

Genus *Anomopsocus* Roesler, 1940

- 489.** *Anomopsocus* sp. A (see Mockford and Sullivan, 1986). Valle del Cauca (Santiago de Cali, Darién, Roldanillo).

Genus *Anomolachesilla* García Aldrete, González and Carrejo, 2012

- 490.** *Anomolachesilla palaciosi* García Aldrete, González and Carrejo, 2012. Valle del Cauca (Santiago de Cali).
- 491.** *Anomolachesilla caldasiana* García Aldrete, González and Carrejo, 2012. Caldas (Manizales).

Genus *Dagualachesilla* García Aldrete, González and Carrejo, 2013

- 492.** *Dagualachesilla anchicayaensis* García Aldrete, González and Carrejo, 2013. Valle del Cauca (Dagua, Buenaventura).
- 493.** *Dagualachesilla queremalensis* García Aldrete, González and Carrejo, 2013. Valle del Cauca (Dagua, Buenaventura).

Genus *Dagualachesilloides* García Aldrete, González and Carrejo, 2013

- 494.** *Dagualachesilloides caliensis* García Aldrete, González and Carrejo, 2013. Valle del Cauca (Santiago de Cali).

- Genus *Graphocaecilius* Enderlein, 1900**
- 495.** *Graphocaecilius interpretatus* Roesler, 1940. Valle del Cauca (Santiago de Cali)
- 496.** *Graphocaecilius mockfordi* Sandoval, García Aldrete and González, 2016. Valle del Cauca (Santiago de Cali, La Cumbre). Risaralda (Planes de San Rafael Sanctuary).
- 497.** *Graphocaecilius peruvianus* Mockford and Sullivan, 1986. Valle del Cauca (La Cumbre).
- 498.** *Graphocaecilius pictus* Mockford and Sullivan, 1986. Boyacá (Moniquira).
- 499.** *Graphocaecilius sullivanii* Sandoval, García Aldrete and González, 2016. Valle del Cauca (Santiago de Cali).
- 500.** *Graphocaecilius turneri* Sandoval, García Aldrete and González, 2016. Valle del Cauca (Santiago de Cali).
- 501.** *Graphocaecilius varyi* Turner, 1984. Valle del Cauca (Santiago de Cali, El Cerrito, Tenerife).
- 502.** *Graphocaecilius* sp. 1. Huila (NR Meremberg).
- 503.** *Graphocaecilius* sp. 2. Norte de Santander (NNP Tamá)
- Genus *Mesolachesilla* Mockford and Sullivan, 1986**
- 504.** *Mesolachesilla* sp. 1. Valle del Cauca (Darién).
- Genus *Notolachesilla* Mockford and Sullivan, 1986**
- 505.** *Notolachesilla* sp. 1. Valle del Cauca (El Cerrito).
- Genus *Prolachesilla* Mockford and Sullivan, 1986**
- 506.** *Prolachesilla* sp. 1. Valle del Cauca (La Cumbre).
- 507.** *Prolachesilla* sp. 2. Valle del Cauca (Santiago de Cali, La Cumbre, Darién).
- 508.** *Prolachesilla* sp. 3. Valle del Cauca (Tenerife, El Cerrito).
- 509.** *Prolachesilla* sp. 4. Caquetá (San Vicente del Caguán).
- Genus *Tricholachesilla* Mockford and Sullivan, 1986**
- 510.** *Tricholachesilla alata* Mockford and Sullivan, 1986. Valle del Cauca (Buenaventura).
- 511.** *Tricholachesilla vampira* Mockford and Sullivan, 1986. Chocó (NNP Los Katíos).
- 512.** *Tricholachesilla* sp. 1. Valle del Cauca (Buenaventura).
- Genus *Nanolachesilla* Mockford and Sullivan, 1986**
- 513.** *Nanolachesilla* sp. Nariño (Santa Bárbara de Izcuandé).
- Family Peripsocidae**
- Genus *Kaestneriella* Roesler, 1943**
- 514.** *Kaestneriella ecuatoriana* García Aldrete, 1989. Cauca (NNP Gorgona Island).
- Genus *Peripsocus* Hagen, 1866**
- 515.** *Peripsocus mutilatus* Badonnel, 1986.* Cundinamarca (Páramo de Montserrate).
- 516.** *Peripsocus potosi* Mockford, 1971*. Colombia. No locality given.
- 517.** *Peripsocus subfasciatus* (Rambur, 1842)*. Cundinamarca (ca. Bogotá, Bosque de Chicó).
- 518.** *Peripsocus terricolis* Badonnel, 1986*. Cundinamarca (Páramo de Montserrate).
- 519.** *Peripsocus stagnivagus* Chapman, 1930. Cauca (NN Gorgona Island). Valle del Cauca (Santiago de Cali).
- 520.** *Peripsocus* sp. 1. Cauca (NNP Gorgona Island).
- 521.** *Peripsocus* sp. 2. Valle del Cauca (El Cerrito, La Cumbre, Roldanillo, Santiago de Cali, Sevilla, Yumbo).
- 522.** *Peripsocus* sp. 3. Valle del Cauca (Dagua, El Cerrito, El Dovio, La Cumbre, Roldanillo, Santiago de Cali).
- 523.** *Peripsocus* sp. 4. Valle del Cauca (Santiago de Cali).
- 524.** *Peripsocus* sp. 5. Valle del Cauca (Dagua, Roldanillo).
- 525.** *Peripsocus* sp. 6. Valle del Cauca (Yumbo).
- 526.** *Peripsocus* sp. 7. Putumayo (Mocoa).
- Family Philotarsidae**
- Genus *Aaroniella* Mockford, 1951**
- 527.** *Aaroniella crista* New and Thornton, 1975*. Cundinamarca (Bogotá).
- 528.** *Aaroniella* sp. Cauca (NNP Gorgona Island). Valle del Cauca (Sevilla, Santiago de Cali).
- Genus *Haplophallus* Thornton, 1959**
- 529.** *Haplophallus leopardina* (Williner, 1943)*. Cundinamarca (Páramo de Chisacá).
- Genus *Philotarsus* Kolbe, 1880**
- 530.** *Philotarsus thorntoni* Turner, 1984*. Boyacá (Pozo Azul, Lago de Tota).
- 531.** *Philotarsus* sp. 1. Norte de Santander (NNP Tamá).
- Family Pseudocaeciliidae**
- Genus *Allocaecilius* Lee and Thornton, 1967**
- 532.** *Allocaecilius* sp. Valle del Cauca (Santiago de Cali).
- Genus *Scytopsocus* Roesler, 1940**
- 533.** *Scytopsocus* sp. 1. Cauca (NNP Munchique). Huila (NR Meremberg). Norte de Santander (NNP Tamá).
- 534.** *Scytopsocus* sp. 2. Huila (NR Meremberg).
- Genus *Heterocaecilius* Lee and Thornton, 1967**
- 535.** *Heterocaecilius* sp. Cauca (NNP Gorgona Island).
- Genus *Pseudocaecilius* Enderlein, 1903**
- 536.** *Pseudocaecilius citricola* (Ashmead, 1879). Cauca (NNP Gorgona Island).
- Infraorder Psocetae**
- Family Hemipsocidae**
- Genus *Hemipsocus* Selys-Longchamps, 1872**
- 537.** *Hemipsocus africanus* Enderlein, 1907. Cauca (NNP

- Gorgona Island). Valle del Cauca (Santiago de Cali).
- 538.** *Hemipsocus chloroticus* (Hagen, 1858). Valle del Cauca (La Cumbre).

Family Psocidae
Subfamily Amphigerontiinae

Tribe Amphigerontini

Genus *Amphigerontia* Kolbe, 1880

- 539.** *Amphigerontia alticola* New and Thornton, 1975*. Cundinamarca (Bogotá).
- 540.** *Amphigerontia umbrata* Navás, 1927*. "Columbia"
- 541.** *Amphigerontia* sp. 1. Meta (Serranía de La Macarena, Resguardo Indígena Ukuae). Putumayo (Mocoa). Risaralda (Pueblo Rico, NR Río Negro). Valle del Cauca (Dagua, La Elsa).
- 542.** *Amphigerontia* sp. 2. Boyacá. (FFS Iguáquén). Huila (NR Meremberg). Magdalena (NNP Sierra Nevada de Santa Marta). Norte de Santander (NNP Tamá, Herrán). Risaralda (Pueblo Rico, NR Río Negro).
- 543.** *Amphigerontia* sp. 3. Cundinamarca (NNP Sumapaz).
- 544.** *Amphigerontia* sp. 4. Cauca (Vereda Tijeras). Magdalena (San Javier).
- 545.** *Amphigerontia* sp. 5. Cundinamarca (NR Chicaque, Tirolesa). Huila (NR Meremberg).
- 546.** *Amphigerontia* sp. 6. Norte de Santander (NNP Tamá, Rafael Urdaneta).
- 547.** *Amphigerontia* sp. 7. Risaralda (FFS Otún-Quimbaya).
- 548.** *Amphigerontia* sp. 8. Norte de Santander (NNP Tamá, Rafael Urdaneta)
- 549.** *Amphigerontia* sp. 9. Risaralda (FFS Otún-Quimbaya).
- 550.** *Amphigerontia* sp. 10. Antioquia (San Roque).
- 551.** *Amphigerontia* sp. 11. Chocó (NNP Los Katios).

Genus *Elaphopsocus* Roesler, 1940

- 552.** *Elaphopsocus gorrones* Román-P., González and García Aldrete, 2015. Valle del Cauca (Dagua, Roldanillo, Santiago de Cali).
- 553.** *Elaphopsocus nasa* Román-P., González and García Aldrete, 2015. Cauca (NNP Puracé).
- 554.** *Elaphopsocus rayoi* Román-P., González and García Aldrete, 2015. Valle del Cauca (Roldanillo).
- 555.** *Elaphopsocus roesleri* Román-P., González and García Aldrete, 2015. Huila (NR Meremberg).
- 556.** *Elaphopsocus roesleroides* Román-P., González and García Aldrete, 2015. Huila (RN Meremberg).
- 557.** *Elaphopsocus boyacaensis* Román-P., González and García Aldrete, 2015. Boyacá (FFS Iguáquén).
- 558.** *Elaphopsocus cundinamarcaensis* Román-P., González and García Aldrete, 2015. Cundinamarca (NNP Chingaza).

Genus *Elaphopsocoides* Román-P., García Aldrete and González, 2014

- 559.** *Elaphopsocoides colombiensis* Román-P., García Aldrete and González, 2014. Valle del Cauca (Santiago de Cali).

- 560.** *Elaphopsocoides lahonduraensis* Román-P., García Aldrete and González, 2014. Valle del Cauca (El Dovio).

Tribe Blastini

Genus *Blaste* Kolbe, 1883

- 561.** *Blaste memorialis* (Banks, 1920)*. Caldas.
- 562.** *Blaste* sp. 1. Quindío (Filandia, Cañón del Río Barbas; Finca Agroforestal Bengala). Risaralda (FFS Otún-Quimbaya, El Molinillo). Valle del Cauca (Cerrito Adentro).
- 563.** *Blaste* sp. 2. Meta (NNP Serranía de la Macarena, Caño Curía). Risaralda (FFS Otún-Quimbaya, Planes de San Rafael Sanctuary).
- 564.** *Blaste* sp. 3. Amazonas (NNP Amacayacu). Caquetá (Solano, Resguardo Indígena Jericó-Consaya). Putumayo (Puerto Leguizamo, Resguardo Tukunare).
- 565.** *Blaste* sp. 4. Amazonas (NNP Amacayacu). Caquetá (Solano, Resguardo Indígena Jericó-Consaya). Putumayo (Puerto Asís).
- 566.** *Blaste* sp. 5. Putumayo (Puerto Asís).
- 567.** *Blaste* sp. 6. Cauca (NNP Munchique, NNP Gorgona Island). Huila (NR Meremberg). Magdalena (San Javier). Risaralda (FFS Otún-Quimbaya). Valle del Cauca (NNP Farallones de Cali).
- 568.** *Blaste* sp. 7. Risaralda (FFS Otún-Quimbaya). Putumayo (Puerto Asís).
- 569.** *Blaste* sp. 8. Cauca (NNP Gorgona Island).
- 570.** *Blaste* sp. 9. Norte de Santander (NNP Tamá, Herrán).
- 571.** *Blaste* sp. 10. Huila (NNP Cueva de los Guácharos, NR Meremberg). Norte de Santander (NNP Tamá).

Genus *Blastopsocus* Roesler, 1943

- 572.** *Blastopsocus mockfordi* Badonnel, 1986*. Cundinamarca (Ca. Bogotá, between Subachoque and Páramo El Tablazo). Boyacá (FFS Iguáquén).
- 573.** *Blastopsocus* sp. 1. Risaralda (FFS Otún-Quimbaya, Pueblo Rico).
- 574.** *Blastopsocus* sp. 2. Magdalena (NNP Sierra Nevada de Santa Marta). Valle del Cauca (NNP Farallones de Cali, La Meseta, Roldanillo, Montañuela).
- 575.** *Blastopsocus* sp. 3. Magdalena (NNP Sierra Nevada de Santa Marta). Norte de Santander (NNP Tamá, Herrán).
- 576.** *Blastopsocus* sp. 4. Putumayo (Puerto Leguizamo, Resguardo Tukunare).
- 577.** *Blastopsocus* sp. 5. Magdalena (San Javier).
- 578.** *Blastopsocus* sp. 6. Boyacá (FFS Iguáquén). Cundinamarca. Valle del Cauca (Santiago de Cali).
- 579.** *Blastopsocus* sp. 7. Chocó (NNP Los Katios).
- 580.** *Blastopsocus* sp. 8. Caquetá (Belén de los Andaquíes).

- Genus *Chaetoblaste* García Aldrete and Román-P., 2015**
581. *Chaetoblaste gonzalezi* García Aldrete and Román-P., 2015. Valle del Cauca (Santiago de Cali).
582. *Chaetoblaste* sp. 1. Amazonas (NNP Amacayacu).
583. *Chaetoblaste* sp. 2. Putumayo (Puerto Asís, Puerto Leguízamo).
584. *Chaetoblaste* sp. 3. Huila (NNP Cueva de los Guácharos, NR Meremberg).
585. *Chaetoblaste* sp. 4. Huila (NNP Cueva de los Guácharos).
586. *Chaetoblaste* sp. 5. Caquetá (Belén de los Andaquíes).
- Genus *Chaetopsocidus* Badonnel, 1986**
587. *Chaetopsocidus sturmi* Badonnel, 1986*. Cundinamarca. (Páramo de Montserrate).
- Subfamly Psocinae**
Tribe Ptyctini
- Genus *Indiopsisocus* Mockford, 1974**
588. *Indiopsisocus abouchaari* (Badonnel, 1986)*. Cundinamarca (Subpáramo de Montserrate).
589. *Indiopsisocus expansus* (New and Thornton, 1975)*. Cundinamarca (Bogotá).
590. *Indiopsisocus fittkaui* (Badonnel, 1986)*. Cundinamarca (Páramo de Montserrate).
591. *Indiopsisocus* sp. 1. Cauca (NNP Gorgona Island).
592. *Indiopsisocus* sp. 2. Cauca (NNP Gorgona Island).
- Genus *Oreopsocus* Roesler, 1939**
593. *Oreopsocus* sp. 1. Amazonas (NNP Amacayacu). Risaralda (FFS Otún- Quimbaya, Pueblo Rico).
594. *Oreopsocus* sp. 2. Magdalena (San Javier). Risaralda (FFS Otún-Quimbaya).
- Genus *Psocomesites* Roesler, 1943**
595. *Psocomesites sturmi* Badonnel, 1986*. Cundinamarca (Páramo de Montserrate).
596. *Psocomesites* sp. 1. Norte de Santander (NNP Tamá).
597. *Psocomesites* sp. 2. Cauca (Tijeras).
598. *Psocomesites* sp. 3. Huila (NR Meremberg).
- Genus *Ptycta* Enderlein, 1925**
599. *Ptycta* sp. 1. Risaralda (Pueblo Rico).
600. *Ptycta* sp. 2. Risaralda (Pueblo Rico). Valle del Cauca (Roldanillo).
601. *Ptycta* sp. 3. Risaralda (Planes de San Rafael Sanctuary).
602. *Ptycta* sp. 4. Huila (NR Meremberg). Quindío (Filandia).
603. *Ptycta* sp. 5. Magdalena (NNP Sierra Nevada de Santa Marta).
604. *Ptycta* sp. 6. Boyacá (FFS Iguaqué). Cauca (NNP Gorgona Island).
605. *Ptycta* sp. 7. Boyacá (FFS Iguaqué).
606. *Ptycta* sp. 8. Risaralda (FFS Otún-Quimbaya).
607. *Ptycta* sp. 9. Norte de Santander (NNP Tamá).
608. *Ptycta* sp. 10. Amazonas (NNP Amacayacu). Boyacá FFS Iguaqué).
609. *Ptycta* sp. 11. Putumayo (Puerto Asís).
610. *Ptycta* sp. 12. Huila (NR Meremberg).
611. *Ptycta* sp. 13. Norte de Santander (NNP Tamá).
612. *Ptycta* sp. 14. Caldas (NNP Nevado del Ruiz).
613. *Ptycta* sp. 15. Norte de Santander (NNP Tamá, Toledo).
614. *Ptycta* sp. 16. Caquetá (Belén de los Andaquíes).
- Genus *Steleops* Enderlein, 1910**
615. *Steleops buitrerensis* González, García Aldrete and Carrejo, 2011. Valle del Cauca (Dagua, Santiago de Cali).
616. *Steleops manizalensis* González, García Aldrete and Carrejo, 2011b. Caldas (Manizales).
617. *Steleops pulcher* New, 1972. Valle del Cauca (Tuluá).
618. *Steleops rioblancoensis* González, García Aldrete and Carrejo, 2011b. Caldas (Manizales).
619. *Steleops mendivili* González, García Aldrete and Carrejo, 2011b. Valle del Cauca (Dagua). Risaralda (Pueblo Rico, NR Río Negro).
620. *Steleops plenitudensis* González, García Aldrete and Carrejo, 2011b. Valle del Cauca (Dagua).
621. *Steleops* sp. 1. Valle del Cauca (La Cumbre).
622. *Steleops* sp. 2. Valle del Cauca (Cali, San Antonio).
623. *Steleops* sp. 3. Cauca (Coconuco).
624. *Steleops* sp. 4. Valle del Cauca (La Cumbre).
625. *Steleops* sp. 5. Valle del Cauca (Quebrada Honda).
626. *Steleops* sp. 6. Putumayo (Puerto Asís).
627. *Steleops* sp. 7. Putumayo (Puerto Asís).
628. *Steleops* sp. 8. Boyacá (FFS Iguaqué).
629. *Steleops* sp. 9. Huila (NR Meremberg).
630. *Steleops* sp. 10. Huila (NR Meremberg).
631. *Steleops* sp. 11. Valle del Cauca (Dagua, Km. 38).
632. *Steleops* sp. 12. Valle del Cauca (Obando).
633. *Steleops* sp. 13. Caquetá (San Vicente del Caguán).
- Genus *Trichadenotecnum* Enderlein, 1909**
634. *Trichadenotecnum decui* Badonnel, 1987. Magdalena (San Javier). Risaralda (Pueblo Rico, NR Río Negro).
635. *Trichadenotecnum bos* Yoshizawa, García Aldrete and Mockford, 2008. Putumayo (Puerto Asís).
636. *Trichadenotecnum peruvense* Yoshizawa, García Aldrete and Mockford. 2008. Huila (NR Meremberg). Putumayo (Puerto Asís).
637. *Trichadenotecnum slossonae* (Banks, 1903). Putumayo (Mocoa).
638. *Trichadenotecnum* sp. 1. Huila (NR Meremberg). Risaralda (Pueblo Rico, NR Río Negro).
639. *Trichadenotecnum* sp. 2. Antioquia (San Roque).

Tribe Metylophorini**Genus *Brachinodiscus* Enderlein, 1925**

- 640.** *Brachinodiscus* sp. 1. Risaralda (Planes de San Rafael Sanctuary). Huila (NR Meremberg).
- 641.** *Brachinodiscus* sp. 2. Risaralda (Planes de San Rafael Sanctuary). Huila (NR Meremberg).
- 642.** *Brachinodiscus* sp. 3. Boyacá (FFS Iguáquen). Huila (NR Meremberg, NNP Cueva de los Guácharos).

Genus *Metylophorus* Pearman, 1932

- 643.** *Metylophorus* sp. 1. Risaralda (Planes de San Rafael Sanctuary).
- 644.** *Metylophorus* sp. 2. Boyacá (FFS Iguáquen). Huila (NNP Cueva de los Guácharos). Norte de Santander (NNP Tamá, Rafael Urdaneta).
- 645.** *Metylophorus* sp. 3. Boyacá (FFS Iguáquen). Risaralda (FFS Otún-Quimbaya).
- 646.** *Metylophorus* sp. 4. Boyacá (FFS Iguáquen). Huila (NR Meremberg). Valle del Cauca (Roldanillo).
- 647.** *Metylophorus* sp. 5. Valle del Cauca (NNP Farallones, Jamundi, La Meseta).
- 648.** *Metylophorus* sp. 6. Huila (NR Meremberg). Norte de Santander (NNP Tamá, Rafael Urdaneta).
- 649.** *Metylophorus* sp. 7. Norte de Santander (NNP Tamá).

Tribe Psocini**Genus *Psocus* Latreille, 1794**

- 650.** *Psocus* sp. 1. Amazonas (NNP Amacayacu). Putumayo (Mocoa, Puerto Asís).
- 651.** *Psocus* sp. 2. Amazonas (NNP Amacayacu).
- 652.** *Psocus* sp. 3. Risaralda (FFS Otún-Quimbaya). Putumayo (Puerto Asís).
- 653.** *Psocus* sp. 4. Amazonas (NNP Amacayacu).
- 654.** *Psocus* sp. 5. Norte de Santander (NNP Tamá). Putumayo (Puerto Leguizamo).
- 655.** *Psocus* sp. 6. Norte de Santander (NNP Tamá, Herrán).
- 656.** *Psocus* sp. 7. Huila (NR Meremberg).
- 657.** *Psocus* sp. 8. Caquetá (Belén de los Andaquíes).

Tribe Thrysphorini**Genus *Cerastipsocus* Kolbe, 1884**

- 658.** *Cerastipsocus bogotanus* (Kolbe, 1883)*. Colombia.
- 659.** *Cerastipsocus coloratus* (Kolbe, 1883)*. Colombia.
- 660.** *Cerastipsocus infectus* (McLachlan, 1886)*. Colombia.
- 661.** *Cerastipsocus moestus* (Kolbe, 1883)*. Colombia.
- 662.** *Cerastipsocus pallidinervis* (Kolbe, 1883)*. Colombia.
- 663.** *Cerastipsocus vetustus* (Kolbe, 1883)*. Colombia.
- 664.** *Cerastipsocus trifasciatus* (Provancher, 1876). Valle del Cauca (Dagua, Santiago de Cali).
- 665.** *Cerastipsocus* sp. 1. Amazonas (NNP Amacayacu). Caquetá (Solano). Magdalena (NNP Tayrona).

- 666.** *Cerastipsocus* sp. 2. Boyacá (FFS Iguáquen). Putumayo (Puerto Asís).

- 667.** *Cerastipsocus* sp. 3. Cundinamarca (NNP Chingaza, Bogotá: Humedal La Conejera).

- 668.** *Cerastipsocus* sp. 4. Valle del Cauca (NNP Farallones, Jamundi).

- 669.** *Cerastipsocus* sp. 5. Norte de Santander (NNP Tamá, Herrán).

- 670.** *Cerastipsocus* sp. 6. Putumayo (Puerto Leguizamo).

- 671.** *Cerastipsocus* sp. 7. Putumayo (Puerto Leguizamo). Caquetá (Belén de Los Andaquíes).

- 672.** *Cerastipsocus* sp. 8. Huila (NR Meremberg).

- 673.** *Cerastipsocus* sp. 9. Valle del Cauca (Santiago de Cali).

Genus *Cervopsocus* New, 1978

- 674.** *Cervopsocus medialis* New, 1978. Huila (Palestina, NR El Encanto).

Genus *Psococerastis* Pearman, 1932

- 675.** *Psococerastis opulenta* (Navás, 1930). Chocó (Pangala).

- 676.** *Psococerastis pyralinella* Mockford, 1981. Magdalena (Sierra de Perija, Socorpa Mission).

- 677.** *Psococerastis* sp. 1. Amazonas (NNP Amacayacu).

- 678.** *Psococerastis* sp. 2. Risaralda (FFS Otún-Quimbaya). Valle del Cauca (NNP Farallones, Jamundi).

- 679.** *Psococerastis* sp. 3. Valle del Cauca (NNP Farallones, Jamundi). Vaupés (Mosiro-Itajura Biological Station, Caparú).

- 680.** *Psococerastis* sp. 4. Boyacá (FFS Iguáquen). Cauca (NNP Gorgona Island). Risaralda (FFS Otún-Quimbaya).

- 681.** *Psococerastis* sp. 5. Boyacá (FFS Iguáquen). Nariño (NR La Planada). Valle del Cauca (NNP Farallones, Jamundi, La Meseta).

- 682.** *Psococerastis* sp. 6. Magdalena (NNP Tayrona).

- 683.** *Psococerastis* sp. 7. Amazonas (Leticia, Forest Reserve Río Calderón). Caquetá (N N P Chibiriquete).

- 684.** *Psococerastis* sp. 8. Boyacá (FFS Iguáquen). Huila (NNP Cueva de los Guácharos).

- 685.** *Psococerastis* sp. 9. Risaralda (FFS Otún-Quimbaya).

- 686.** *Psococerastis* sp. 10. Meta (NNP Serranía de la Macarena, Resguardo Ukuae).

- 687.** *Psococerastis* sp. 11. Caquetá (Solano, Jericó-Consaya).

Genus *Thrysphorus* Burmeister, 1839

- 688.** *Thrysphorus* sp. 1. Meta (NNP Serranía de la Macarena, Caño Curía).

Genus *Thrysopscopsis* Mockford, 2004

- 689.** *Thrysopscopsis* sp. 1. Vaupés.

- 690.** *Thrysopscopsis* sp. 2. Risaralda (FFS Otún-

Quimbaya).

691. *Thrysopsocopsis* sp. 3 Putumayo (NNP La Paya).

Family Myopsocidae

Genus *Lichenomima* Enderlein, 1910

692. *Lichenomima onca* Mockford, 1991. Valle del Cauca (Santiago de Cali).
693. *Lichenomima* sp. 1. Cauca (NNP Gorgona Island). Caquetá (Belén de los Andaquíes).
694. *Lichenomima* sp. 2. Cauca (NNP Gorgona Island).
695. *Lichenomima* sp. 3. Valle del Cauca (Roldanillo, Dagua, El Dovio).
696. *Lichenomima* sp. 4. Valle del Cauca (Santiago de Cali, San Antonio).
697. *Lichenomima* sp. 5. Risaralda (Pueblo Rico, NR Río Negro).
698. *Lichenomima* sp. 6. Valle del Cauca (Buenaventura, Pericos).
699. *Lichenomima* sp. 7. Cauca (NNP Gorgona Island).
700. *Lichenomima* sp. 8. Nariño (Santa Barbara de Iscuandé).
701. *Lichenomima* sp. 9. Amazonas (NNP Amacayacu). Meta (Serranía de La Macarena, Resguardo Indígena Kiwe).
702. *Lichenomima* sp. 10. Amazonas (NNP Amacayacu).
703. *Lichenomima* sp. 11. Chocó (NNP Los Katios).

Genus *Myopsocus* Hagen, 1866

704. *Myopsocus minor* Hagen, 1866. Amazonas (NNP Amacayacu).
705. *Myopsocus minutus* (Mockford, 1974). Cauca (NNP Gorgona Island). Nariño (Santa Bárbara de Iscuandé).
706. *Myopsocus* sp. 1. Cauca (NNP Gorgona Island). Valle del Cauca (El Cerrito).
707. *Myopsocus* sp. 2. Amazonas (NNP Amacayacu).
708. *Myopsocus* sp. 3. Valle del Cauca (Santiago de Cali).
709. *Myopsocus* sp. 4. Valle del Cauca (Santiago de Cali).
710. *Myopsocus* sp. 5. Chocó (NNP Los Katios).
711. *Myopsocus* sp. 6. Putumayo (Puerto Leguizamo).
712. *Myopsocus* sp. 7. Chocó (NNP Los Katios). Nariño (Santa Bárbara de Iscuandé).
713. *Myopsocus* sp. 8. Amazonas (NNP Amacayacu). Meta (Sierra de La Macarena).
714. *Myopsocus* sp. 9. Amazonas (NNP Amacayacu).
715. *Myopsocus* sp. 10. Chocó (NNP Los Katios). Putumayo (Mocoa, Puerto Asís).
716. *Myopsocus* sp. 11. Caquetá (Belén de los Andaquíes).
717. *Myopsocus* sp. 12. Caquetá (Belén de los Andaquíes).
718. *Myopsocus* sp. 13. Chocó (NNP Los Katios).
719. *Myopsocus* sp. 14. Putumayo (Puerto Leguizamo).
720. *Myopsocus* sp. 15. Caquetá (Belén de los Andaquíes). Putumayo (Mocoa).

KEY TO FAMILIES AND SUBFAMILIES OF PSOCODEA: 'PSOCOPTERA' FROM COLOMBIA

Adapted from García Aldrete and Mockford (2012)

1. Adults with more than 18 flagellomeres; hypopharyngeal filaments separate their entire length, never fused on midline; labial palpus with minute basal segment and rounded distal segment
Suborder TROGIOMORPHA .. 3
- 1'. Adults with fewer than 18 flagellomeres (usually 11-13); hypopharyngeal filaments fused along midline at least part of their length; labial palpus as above, or with no basal segment 2
- 2(1'). Adults with 13 flagellomeres (rarely fewer); at least some flagellomeres annulated with cuticular sculpture. Labial palpus usually with a minute basal segment and a rounded distal segment. Tarsi usually three-segmented. Forewing, when present, lacking sclerotized pterostigma (Figs 3 A-G)
Suborder TROCTOMORPHA 6
- 2'. Adults with 11 flagellomeres (rarely fewer); no flagellomeres annulated with cuticular sculpture but sometimes with reticulate sculpture in cuticle. Labial palpus lacking basal segment, consisting of a single rounded or triangular segment. Tarsi two-or three-segmented. Forewings, when fully developed, with sclerotized pterostigma (Figs 3H-L, 4A-L, 5A-L)
Suborder PSOCOMORPHA 13
3. Forewings, when fully developed, with vein Cu2 (CuP) and 1A ending separately on wing margin (Fig. 3B); spur sensillum always present on Mx2. Ovipositor valvulae: v3 elongate, partially joined together on midline by membrane; v2 small or absent; v1 absent Infraorder Atropetae 4
- 3'. Forewings, when fully developed, with veins Cu2 (CuP) and 1A ending together on wing margin (point of junction called 'nodulus') (Fig. 3A); spur sensillum of Mx2 present or absent. Ovipositor valvulae: v3 never elongate, but sometimes very broad; v2 usually present, slender; v1 frequently present, slender Infraorder Psocatropetae **Psyllipsocidae**
- 4(3). Body and forewings covered with scales or dense setae. Wings often pointed apically, with visible veins (Fig. 3B). Mesocoxae of the two sides capable of interlocking by a 'button and cavity' mechanism **Lepidopsocidae** 5
- 4'. Body and forewings never covered with scales or dense setae. Wings not pointed apically, with visible veins. Mesocoxae of the two sides not capable of interlocking **Psoquillidae**
5. Forewings and body clothed with scales. Antenna with < 20 flagellomeres, the basal ones beyond f1 much more than 3 times as

	long as wide. Hindwings with a closed cell	12'	or not at all bilobed .. Electrentomidae Pretarsal claw with two preapical denticles.
5'.	Antennae with 30 or more flagellomeres, the basal segments beyond fl ea. 2 times as long as wide. Hindwings lacking a closed cell	13(2')	V3 deeply bilobed .. Compsocidae Meso-precoxal bridges narrow and corresponding mesotrochantins broad basally. Labrum curved on sides, well molded to contours of mandibles. .. Infraorder Psocetae . 16
6(2). Lepidopsocinae Small forms, rarely over 2mm in length. Males wingless, and many females wingless or brachypterous. Forewings of macropterous females with not more than two M branches and lacking vein IIA (Fig. 3E). Pearman's coxal organ absent or represented by a slight bulge in cuticle	13'	Meso-precoxal bridges and mesotrochantins not as above (<i>i.e.</i> the former wide and the latter narrow basally), or, if otherwise, labrum broad and flat, bearing a longitudinal pair of sclerites. 14
 Infraorden Nanopsocetae 7	14(13')	Pretarsal claw lacking preapical denticle
6'.	Body size variable but usually at least 3 mm in length. Wings present in adults of both sexes, forewings with M three-branched and vein IIA usually present (Fig. 3C). Pearman's coxal organ represented by a mirror and usually a rasp	14'	Infraorder Caeciliusetae 19 Pretarsal claw usually with a preapical denticle; if denticle absent (Family Archipsocidae) forewings and body are densely setose. 15
7(6). Amphientometae 9 Body flattened; coxae of opposite sides widely separated by broad sternal plates. Forewings, when present (some females) with two parallel longitudinal veins occupying main body of wing.....	15.	V3 largely fused to v2. Labrum with a pair of longitudinal sutures running through it (Fig. 1). Labrum usually flat, not conforming closely to contours of mandibles; mandibles elongate
7'. Liposcelididae 8 Body not flattened; coxae of opposite sides only narrowly separated. Forewings, when present (some females), with several branching veins occupying main body of wing (Fig. 3E)	15'	Infraorder Epipsocetae 24 V3 largely free from v2 and from body wall. Labrum curved on sides, well molded to contours of mandibles, lacking a pair of longitudinal sutures running through it
8(7) Pachytroctidae Hind femur with a lateral protuberance. Females apterous, with a T-shaped sclerite on the subgenital plate..... Liposcelidinae	16'	Infraorder Homilopsocidea 27 Vein M in forewing two-branched, the M stem joined to vein CuA1 by a long crossvein (Fig. 3H); hind tibia lacking longitudinal row of ctenidiobothria
8'	Hind femur lacking a lateral protuberance. Females apterous or macropterous, rarely brachypterous, lacking a T-shaped sclerite on the subgenital plate. Embidopsocinae	16(13) Hemipsocidae Vein M in forewing three-branched, the M stem usually fused for a short distance to vein CuA1; rarely the two joined by a short crossvein (Figs 3I-L). Hind tibia with a longitudinal row of ctenidiobothria 17
9(6')	Body and forewings densely covered with scales. In forewing veins IA and IIA separate their entire length (Fig. 3C) . Amphientomidae	17(16')	Tarsi three-segmented; forewings heavily blotched with brown, the margins with alternating brown and colorless banding (Fig. 3I)
9'	Body and forewings lacking scales. In forewing veins IA and IIA joined together before reaching wing margin (Figs 3D, F, G) . Electrentomoidea 10	17'.	Myopsocidae Tarsi two-segmented; forewing markings variable (Figs 3J-L), but margins not with alternating brown and colorless banding
10(9')	Pterostigma open basally (Fig. 3F, 3G). Front tibia with a distal brush of stout setae on inner surface . 11	18(17')	Psocidae 18 Males with parameres distally separated. Hypandrium resulting from the fusion of sternites VIII and IX. Paraprocts with rounded processes. Females with v2 bearing a thin and conical process apically
10'	Pterostigma closed basally (Fig. 3D). Front tibia lacking a distal brush of stout setae on inner surface . 12	18'	Amphigerontiinae Males with phallosome closed. Hypandrium confined to IX sternum, and a pair of median sclerites or a thin band in VIII sternite
11(10)	Forewing with a long Rs-M crossvein (Fig. 3G); forewings unpigmented. Outer cusp of lacinial tip with only two denticles . Musapsocidae	19(14)	Psocinae Ventral abdominal vesicles absent. Mesepisternal sulcus absent. Mandibles short to moderate in length. Forewing with vein M two-branched (Fig. 5I)
11'	Rs and M in forewing joined at a point (Fig. 3F); forewings with cloudy pigmentation throughout or with distinct spotting and banding pattern. Outer cusp of lacinial tip with three denticles .. Troctopsocidae	19'	Asiopsocidae With one to three ventral abdominal vesicles. Mesepisternal sulcus present. Mandibles elongate. Forewing with vein M two or three-branched (Figs
12(10')	Pretarsal claw with a single preapical denticle. V3, where known, only shallowly,		

- 4G-K) Superfamily Caeciliusoidea ... 20
- 20(19') Forewings with a crossvein from the pterostigma to Rs stem and another from M stem to areola postica (Fig. 4J). **Stenopsocidae**
- 20' Forewing lacking the crossveins indicated above (Figs 4G, H, K) 21
- 21(20') Ciliation of hindwing margin restricted to cell r3 or none. Mx4 longer than Mx2. Spine of free margin of paraproct large **Dasydemellidae**
- 21' Ciliation of hindwing margin complete except for basal two-thirds of front margin (Figs 4G, H). Mx4 shorter than or equal to Mx2. Spine of free margin of paraproct small or absent. 22
- 22(21') Setae of veins in distal half of forewing on both dorsal and ventral surfaces, vein M 2 or 3-branched (Fig. 4H). Mx4=Mx2 in length **Amphisocidae**
- 22' Setae of veins in distal half of forewing only on dorsal surface, vein M 3-branched (Fig. 4G). Mx4 shorter than Mx2 **Caeciliusidae**..... 23
- 23(22') With three ventral abdominal vesicles and seven distal inner labral sensilla **Paracaeciliinae**
- 23' With two (rarely one) ventral abdominal vesicles and five distal inner labral sensilla **Caeciliusinae**
- 24(15) Forewings with one anal vein, pterostigma with or without crossveins (Figs. 4A-D); some species with brachypterous or micropterous forms... **Epipsocidae**
- 24'. Forewings with two anal veins (Figs. 4I, L), pterostigma without crossveins; some families with brachypterous or apterous forms 25
- 25(24) Lacinial tip with outer cusp slender, bearing not more than three denticles. Pretarsal claw with pulvillus bent near base, expanded at tip. Forewing as in figures 4I, L) **Dolabellopsocidae**
- 25' Lacinial tip with outer cusp broader, bearing more than three denticles. Pretarsal claw with pulvillus straight and pointed distally. Forewing as in figures 4E-F, 5A-D)..... 26
- 26(25') Pretarsal claw with a basal spine in addition to the more distal pulvillus. Forewings with or without spur veins (Figs 4E, 4F), M with three branches. The two labral sutures reaching proximal margin of labrum and curving around to lateral margin (Fig 1A) **Cladiopsocidae**
- 26' Pretarsal claw with only the spine-like pulvillus. Forewing veins lacking spur veins, M with three-nine branches (Figs 5A-D). The two labral sutures never reaching proximal margin of labrum (Fig. 1B), except in *Willreevesia* García Aldrete **Ptiloneuridae**
- 27(15'). In forewings, setae of wing margin in m cells in two series forming crossing pairs (Figs 5E-G). Brachypterous and micropterous individuals with numerous long, backward-directed setae on vertex and thoracic dorsum 28
- 27' Forewing margin lacking series of crossing hairs (Figs 5H-L). Brachypterous and micropterous individuals with at most only moderate body ciliation 32
- 28(27) Venation in forewing vague; Rs in forewing often unbranched (Fig. 5E). Wings often greatly reduced; in both macropterous and short-winged forms numerous long, backward directed setae on vertex and thoracic dorsum. Usually colonial forms living under dense webbing **Archipsocidae** 29
- 28' Venation in forewing distinct; Rs in forewing with two branches. Wings usually not reduced. Vertex and thoracic dorsum lacking numerous long, backward-directed setae. Generally solitary, or a few individuals living together, either in open or under light webbing 30
- 29(28) Species with frequent neoteny: males always micropterous or apterous, females often brachypterous or micropterous. Hindwing with a closed cell **Archipsocinae**
- 29' Species lacking neoteny, both sexes macropterous. Hindwing usually lacking a closed cell **Parachipsocinae**
- 30(28') Adults with tarsi two-segmented. External parameres generally much longer than aedeagal arch. Forewings with or without setae on the membrane (5F). Leaf-inhabiting forms **Pseudocaeciliidae**
- 30' Adults usually with three tarsal segments. External parameres only slightly longer or shorter than aedeagal arch. Forewing as in figure 3G. Bark-inhabiting forms. **Philotarsidae**.... 31
- 31(30') Apex of terminal antennomere not produced, not bearing a single apical seta. Vein Cul (CuA) in hindwing setose **Philotarsinae**
- 31' Apex of terminal antennomere produced, bearing a single apical seta. Vein Cul in hindwing bare **Aaroniellinae**
- 32(27') Macropterous forms 33
- 32' Micropterous or apterous forms 37
- 33(32) Forewing with vein CuA1 present and usually free from M (Figs 5J-K). Wings either unciliated or lightly ciliated. Ovipositor reduced to one (v3), rarely two valvulae on each side **Lachesillidae** 34
- 33' Forewing lacking vein CuA1 (Figs 5H, L). Wings lightly to moderately ciliated. Ovipositor usually with three valvulae, rarely reduced to one on each side 35
- 34(33) Tarsi two- or three segmented. Forewings sparsely ciliated on veins (Fig. 5J) and margins, membrane of pterostigma ciliated or not. Phallosome a closed frame, endophallic sclerites variable in size, some chelate. V3 elongate, tapering distally; setae primarily along outer margin. Female paraprocts with field of short,

- stout setae along median margin in ventral half **Eolachesillinae**
- 34' Tarsi two segmented. Forewings with ciliation on veins, margins, and sparsely on membrane or only on veins and margins, sometimes very sparse and short (Fig. 5K). Phallosome open distally, variable. Endophallus apparently absent. V3 variable in shape; setae, when present, distributed over its entire surface. Female paraprocts without field of short, stout setae along median margin in ventral half **Lachesillinae**
- 35(33') Vein R1 in pterostigma parallel to wing margin most of its length (Fig. 5H) **Ectopsocidae**
- 35' Vein R1 in pterostigma curved (Fig. 5L) . 36.
- 36(35') Both sexes macropterous (Fig. 5L). Phallosome elongate, with heavily sclerotized endophallus structured distally in form of a three-pronged fork..... **Peripsocidae**
- 36' Either males or females macropterous, not both. Endophallus not as above..... **Elipsocidae**
- 37(32) Epistomal suture present dorsally, separating frons from postclypeus. Subgenital plate usually with two distal processes..... **Ectopsocidae**
- 37' Epistomal suture absent dorsally, postclypeus and frons continuous. Subgenital plate with a single, relatively broad median distal process **Peripsocidae**

DISCUSSION

Up to 2010, psocodeans were among the least studied of Colombian insects. The results presented here, derived mostly from studies carried out from 2010 to date, raise the number of psocids recorded in Colombia from 79 (Lienhard and Smithers 2002), to 720 species. The number of psocid species recorded in Colombia is therefore increased by 811.4%. Below, we present a brief analysis of these results, with special focus on the studies conducted by our research group.

Recent estimates of the species diversity of ‘Psocoptera’ indicate that 5,732 species have been described so far (Zhang, 2013). However, these numbers could easily raise to more than 10,000 species if the neotropical diversity is included. Lienhard and Smithers (2002) recorded for South America about 762 species, of which 425 species were Brazilian (García Aldrete & Mockford, 2009). The same authors also suggested that the number of species recorded in Brazil, and in general for South America is highly underestimated. The Brazilian psocid fauna actually consists of 618 species [see Silva Neto *et al.* (2014); Silva Neto & García Aldrete (2016)]. This trend is thought to be directly related to (i) the small amount of taxonomic work conducted in the area, (ii) the reduced number of specialists, and (iii) the non-extensive collections conducted in the area. Colombia is considered to be a megadiverse country, the few records published until 2002 indicate that the psocid

diversity was underestimated (*i.e.*, 79 species; see Lienhard and Smithers, 2002; Lienhard, 2004). Of the 720 psocid species listed here, 426 remain to be described, and about 200 are still undefined. The latter category means that we are not actually confident on whether these species have been described or not, but they are probably new to science.

The diversity found in Colombia is comparable in number of species to that of Mexico. In the latter country, over 50 years of field work and numerous studies indicate that the psocid fauna is represented by about 766 species (García Aldrete, 2014). Thus, based on the estimates presented in this study, Colombia is the most species rich country in South, Central and North America, with about 12.5% of the psocid world fauna, with a high level of endemism. The results presented here demonstrate that ‘Psocoptera’ had been almost ignored from the scientific research of the country.

We acknowledge that sampling representativity in this study is not enough to conclude on the total number of species occurring in Colombia. Given that the sampled localities correspond to a small part of the 59 natural areas belonging to the System of Colombian National Natural Parks, psocid richness might be much higher than the one listed here. In addition, collection bias might have also contributed to the underestimation of the psocopteran richness in the country (*i.e.*, only Malaise traps were used to collect samples deposited in the Alexander von Humboldt Institute).

Six of the 28 families recorded in Colombia represent 83.8% of the species found (*i.e.*, Cladiopsocidae, Epipsocidae, Ptiloneuridae, Lachesillidae, Psocidae and Myopsocidae). At least 426 new species were identified in the six families mentioned above: 92.6% of new species for Cladiopsocidae, 89.4% for Epipsocidae, 66% for Lachesillidae, and 89.2% for Ptiloneuridae. Interestingly, the latter family was only known from a single Colombian species, but it now includes 141 species. This richness is unevenly distributed in the genera *Triplocaenia* (52 species), *Loneura* (38 species), *Euplocaenia* (36 species), and *Loneuroides* (7 species). Also, species known in Peru and Brazil were found in Colombia, such as *Perucania longiareola*, *Euplocaenia badonneli*, *Ptiloneura bidorsalis*, *Triplocaenia erwini* and *Triplocaenia lamasi*.

While a single *Cladiopsocus* species was known in Colombia by 2004, we raised this number to 27 species. Calderón *et al.* (2014) recorded six species, but additional collecting, mostly in the Amazonian piedmont, allowed the discovery of 21 species, eight of which have been recently described (González *et al.* 2016), and 13 species are in process of publication. This raises the genus richness to 41 species, 39 of which are exclusively neotropical, with Colombia being the most species rich country for this genus.

148 species of Epipsocidae, in 11 genera, were found in this work. *Epipsocus* Hagen, *Goja* Navás and *Gojaoides* García Aldrete group 70.5% of the species found. About

90% of the Colombian species are undescribed, and two new genera have been erected (García Aldrete *et al.* 2015).

Psocidae is the largest family of ‘Psocoptera’, including 65 genera, 20 of which were found in Colombia. For some genera, a significant increase in the number of species was found, for instance, the genus *Elaphopsocus* Roesler, described 77 years ago, was known from a single Brazilian species. During the course of this work, nine additional species were found, mostly Colombian (Román-P. *et al.* 2015, 2016). Also, the related genus *Elaphopsocoides* Román-P., García Aldrete and González 2014, including two Colombian species was described. The genus *Chaetoblaste* García Aldrete and Román-P. (2015), presently including six Colombian species was also erected. The genus *Steleops* Enderlein, previously unknown in Colombia, includes now 18 species, some of them already described in the course of this work (see González *et al.* 2011a, b).

The family Myopsocidae had not been recorded before in Colombia. To date, within the frame of this project we have found 29 species in the genera *Lichenomima* and *Myopsocus*.

Up to 2004, only the genera *Graphocaecilius*, *Tricholachesilla*, *Hemicaecilius* and *Lachesilla*, with a total of 12 species, were known in the family Lachesillidae in Colombia. As a result of this work, the family is now represented in Colombia by 16 genera and 103 species. The genera *Acantholachesilla*, *Anomolachesilla*, *Dagualachesilla* and *Dagualachesilloides* were erected within the context of this work (García Aldrete *et al.* 2012, 2013, 2014). The genus *Waoraniella*, that had been considered as endemic to the Amazon Basin (García Aldrete and Mockford, 2011) was found above 1800 m in the central and western Andean Cordilleras (Saenz *et al.*, 2018)

The species here recorded were collected in 19 of the 33 Colombian Departments, as follows: Valle del Cauca (252), Putumayo (104), Caquetá (69), Risaralda (65), Cauca (64), Huila (64), Cundinamarca (44), Norte de Santander (42), Amazonas (38), Magdalena (34), Boyacá (23), Meta (20), Chocó (17), Caldas (10), Nariño (8), Vaupés (8), Tolima (5), Quindío (3), and Antioquia (2). There are not records of 14 departments, and some have been poorly sampled, such as the last five in the list above. Then it would be reasonable to assume that the number of Colombian species could reach at least 1000.

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Table 1. Families and number of genera and species per family of Psocodea: ‘Psocoptera’ recorded in Colombia.

SUBORDER	FAMILY	No. GENERA	No. SPECIES
TROGIOMORPHA	Lepidopsocidae	6	7
	Psocillidae	2	2
	Psyllipsocidae	2	2
TROCTOMORPHA	Amphientomidae	3	3
	Compsocidae	1	1
	Electrentomidae	1	2
	Liposcelididae	3	13
	Musapsocidae	1	2
	Pachytroctidae	4	5
	Troctopsocidae	2	2
PSOCOMORPHA	Amphipsocidae	1	3
	Archipsocidae	2	6
	Asiopsocidae	1	2
	Caeciliusidae	3	13
	Cladiopsocidae	1	27
	Dasydemellidae	2	4
	Dolabellopsocidae	2	10
	Ectopsocidae	2	16
	Epipsocidae	13	148
	Hemipsocidae	1	2
	Lachesillidae	16	103
	Myopsocidae	2	29
	Peripsocidae	2	13
	Philotarsidae	3	5
	Pseudocaecilidae	4	5
	Psocidae	20	153
	Ptiloneuridae	7	141
	Stenopsocidae	1	1
	TOTAL	108	720

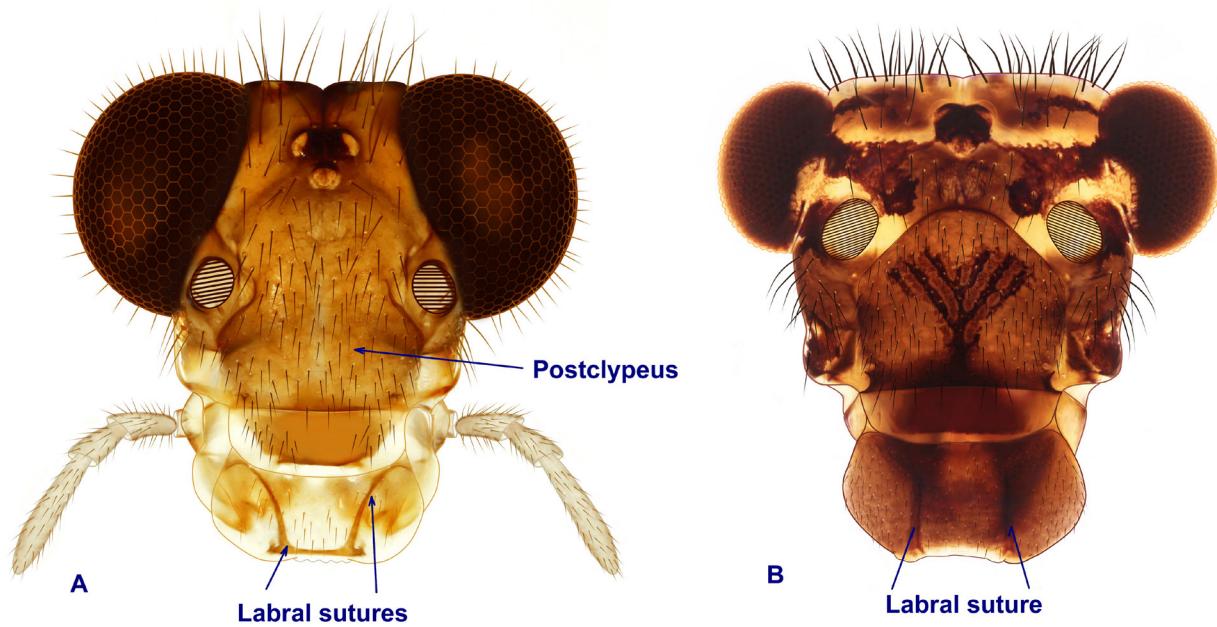


Figure 1. Psocomorpha. Front view of head. A. Epipsocetae. Cladiopsocidae. *Cladiopsocus* (Antennae removed). B. Ptiloneuridae. *Triplocania* (Antennae and maxillary palps removed).

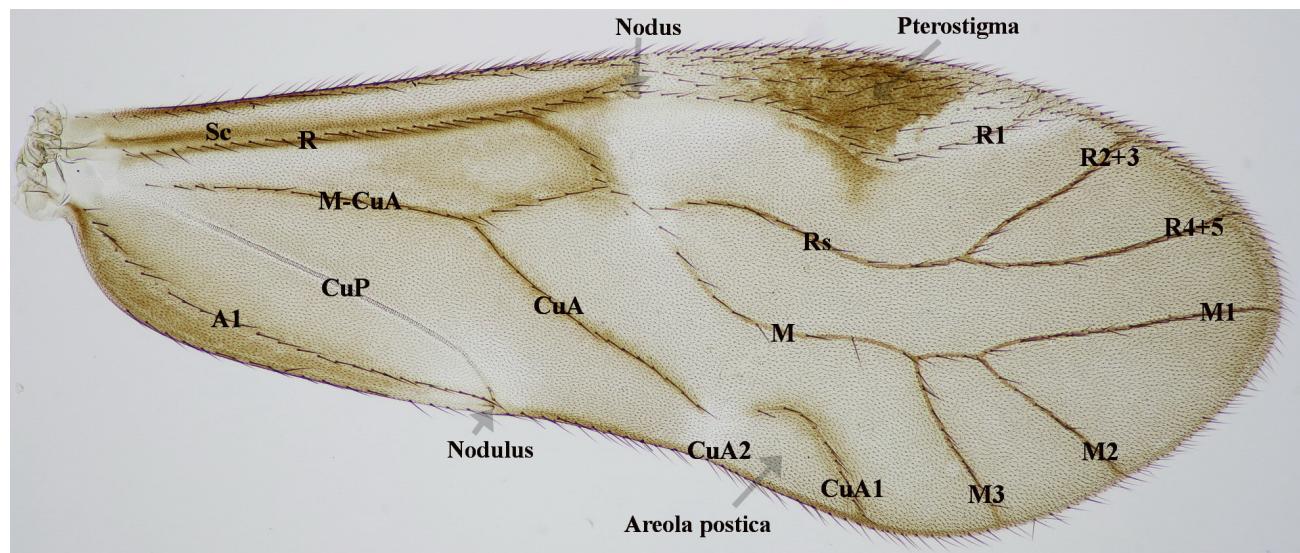


Figure 2. Forewing. Psocomorpha. Caeciliusidae. *Valenzuela*.

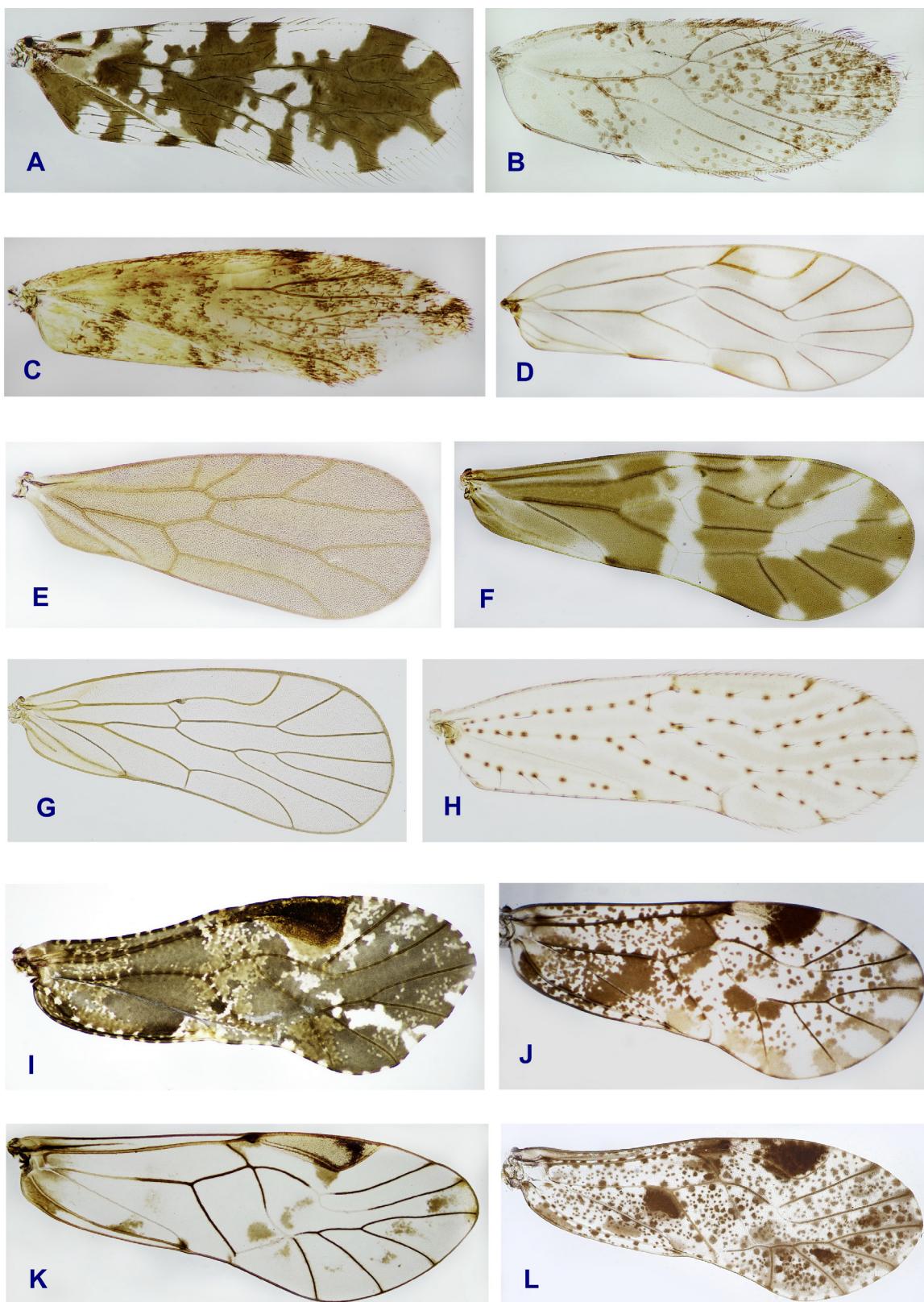


Figure 3. Forewings. Psocodea: ‘Psocoptera’. A. Psoquillidae. *Psoquilla*. B. Lepidopsocidae. *Soa*. C. Amphientomidae. *Amphientomum*. D. Electrentomidae. *Epitroctes*. E. Pachytroctidae. *Peritroctes*. F. Troctopsocidae. *Troctopsocopsis*. G. Musapsocidae. *Musapsocus*. H. Hemipsocidae. *Hemipsocus*. I. Myopsocidae. *Myopsocus*. J, K, L. Psocidae. J. *Elaphopsocus*. K. *Metylophorus*. L. *Trichadenotecnum*.

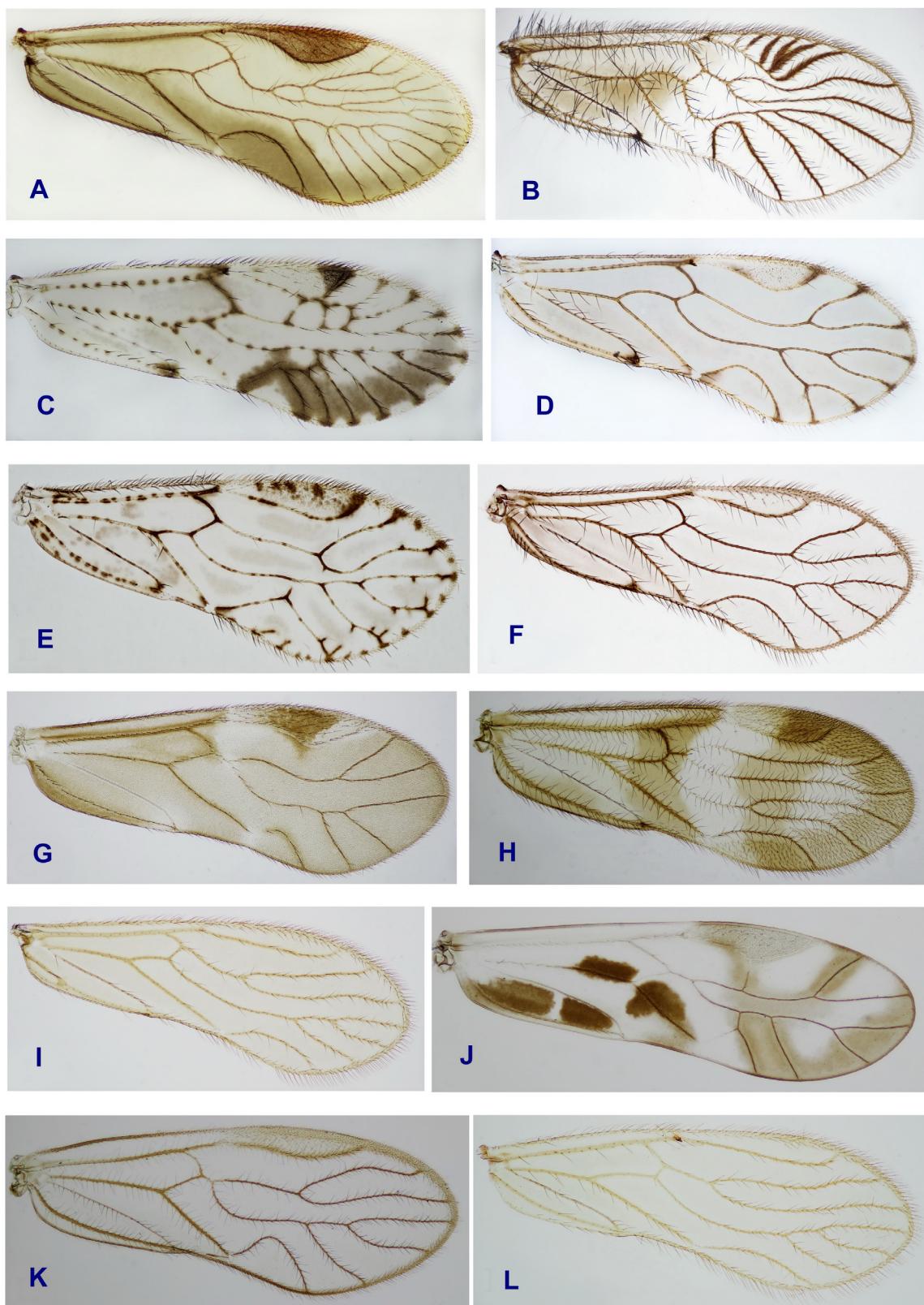


Figure 4. Forewings. Psocodea: ‘Psocoptera’. A-D. Epipsocidae. A. *Goja*. B. *Neurostigma*. C. *Epipsocus*. D. *Edmockfordia*. E-F. Cladiopsocidae: E. *Cladiopsocus*. F. *Cladiopsocus*. G. Caeciliusidae. *Valenzuela*. H. Amphipsocidae. *Polypsocus*. I. Dolabelllopsocidae. *Isthmopsisocus*. J. Stenopsocidae. *Graphopsocus*. K. Dasydemellidae. *Dasydemella*. L. Dolabelllopsocidae. *Dolabelllopsocus*.

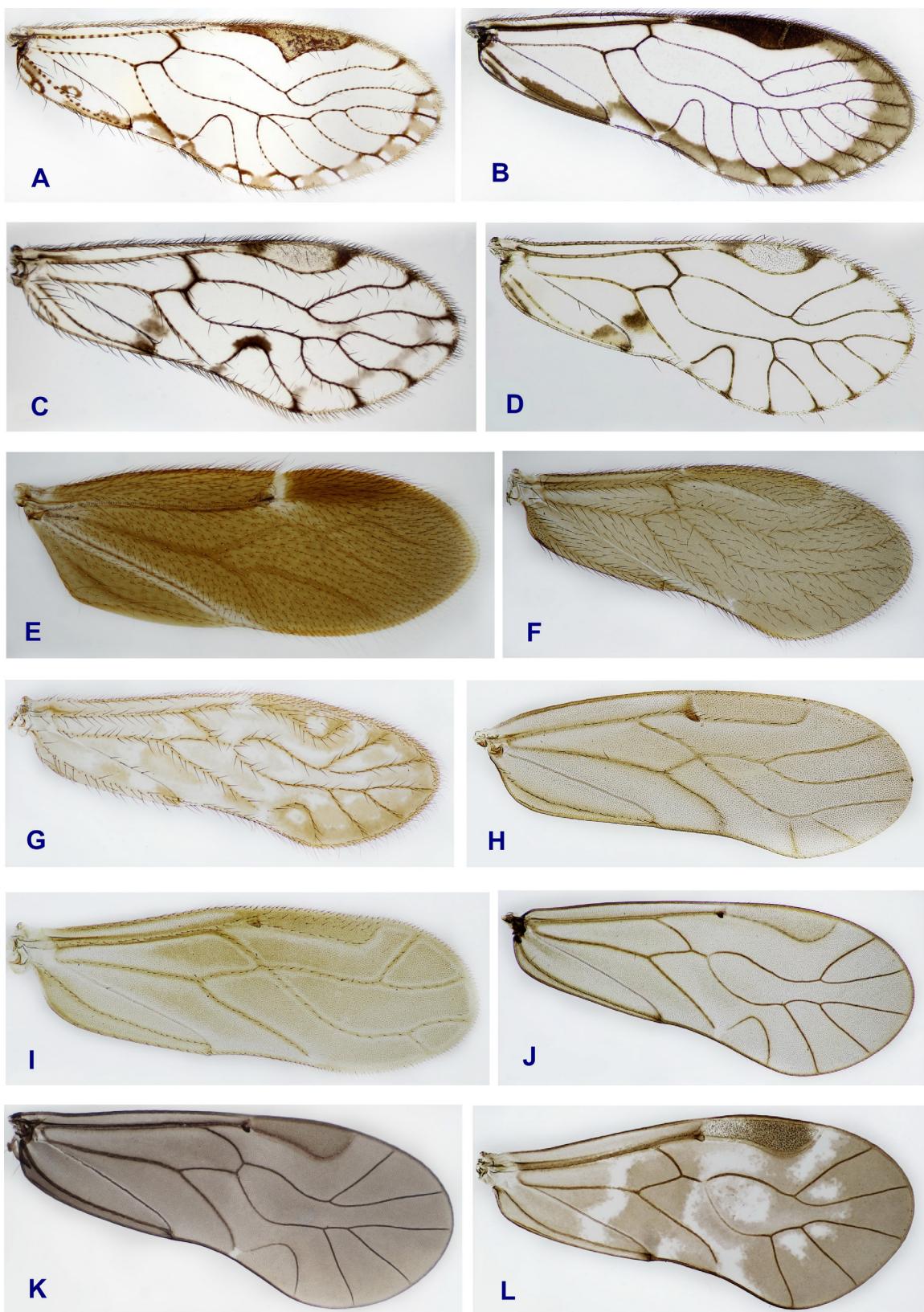


Figure 5. Forewings. Psocoptera: ‘Psocoptera’. A-D. Ptiloneuridae. A. *Loneuroides*. B. *Loneura*. C. *Triplocania*. D. *Euplocania*. E. Archipsocidae. *Archipsocus*. F. Pseudocaeciliidae. *Scytopsocus*. G. Philotarsidae. *Aaroniella*. H. Ectopsocidae. *Ectopsocus*. I. Asiopsocidae. *Notiopsocus*. J, K. Lachesillidae. J. *Prolachesilla*. K. *Hemicaecilius*. L. Peripsocidae. *Peripsocus*.