

Supplement to the Catalog of the Neotropical Collembola—August 1989 to April 1996

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ABSTRACT.—This paper updates the Catalog of the Neotropical Collembola published in 1990. We include all the new taxa described from this region, as well as all first records for each country. Papers on biology and those that include additional records for species already reported for a country are not referenced in the text but are included in a section of additional references.

INTRODUCTION

This paper updates our Catalog of the Neotropical Collembola, including the new taxa and records published from August 1989 until April 1996. We also include some omissions found in the 1990 catalog. To avoid repetition, we have omitted from the text papers that only provide additional records for species already reported from the various countries. These papers are nevertheless found in the Additional References section following the literature cited.

We should point out that *Folsomia sylvia* is the correct spelling for this species, and not *F. sylviae* as appears on page 75. Also, the index should have included the entries: *maxima*, *Brachystomella = agrosa*, 23; *xenopus*, *Cyphoderodes*, 130; *unicolor Ptenothrix = atra*, 146.

SUPPLEMENT TO THE CATALOG OF THE NEOTROPICAL COLLEMBOLA

Suborder Arthropleona

Family Hypogastruridae

Hypogastrura antra Christiansen & Bellinger 1980. Palacios-Vargas & Gómez-Anaya 1994:24. Mexico.
Hypogastrura assimilis (Krausbauer) 1898. Díaz & Najt 1995:418. Venezuela.
Hypogastrura brevispina (Harvey) 1893. Palacios-Vargas 1990:13–14, 15, 17; Figs. 3A–E, 4A–C. Mexico.
Hypogastrura nanubrialis (Tullberg) 1869. Díaz & Najt 1995:418. Venezuela.
Hypogastrura oregonensis Yosii 1960. Palacios-Vargas & Gómez-Anaya 1995:3. Mexico, as *Hypogastrura ca. oregonensis*,
Ceratophysella denticulata (Bagnall) 1941. Najt et al. 1991:

154, 155; Fig. 1; description, Galapagos Islands. Díaz & Najt 1995:418. Venezuela.
Ceratophysella guthriei (Folsom), 1916. Palacios-Vargas 1988:158. Mexico, as *C. cf. guthriei*.
Xenylla acauda Gisin, 1947. Díaz & Najt 1995:418. Venezuela.
Xenylla duchesnea Wray, 1958. Vázquez 1988:136, 140. Mexico. Vázquez and Palacios-Vargas 1990:10. Mexico.
Xenylla maritima Tullberg, 1869. Díaz & Najt 1995:418. Venezuela.
Xenylla raynalae Najt, Thibaud and Weiner 1990:97–98, Figs. 14. French Guiana.
Xenylla welchi Folsom, 1916. Najt et al. 1990:100. French Guiana.
Xenylla yucatanica Mills, 1938. Najt et al. 1990:100. French Guiana. Thibaud et al. 1994:199. Galapagos Islands.
Acherontiella Absolon, 1913. Thibaud (1990) now considers *Acherontia* Delamare Deboutteville, 1948 (see p. 16 of catalog) as a synonym of *Acherontiella*.
Acherontiella sabina Bonet, 1945. Thibaud 1990:402. Descriptive notes.
Acherontia bougisi Cassagnau and Delamare Deboutteville, 1955. Banasco 1985 (cited from Banasco Almentero and Zorrilla 1993:2). Cuba.
Acherontides eleonora Palacios-Vargas and Gnaspini-Netto 1993:443444, 445; Fig. 1–5. Brazil.
Willemia brevispina Hütther, 1962. Najt et al. 1990:97. French Guiana. Thibaud 1993:70. Guadeloupe, Marie Galante, Martinique. According to Najt et al. (1990) this species has been collected in Mexico, but records have not been published. The species was described originally as a subspecies of *W budenbrocki* (page 17 of catalog).
Willemia budenbrocki Hütther 1959. Palacios-Vargas and Gómez-Anaya 1995:5. Mexico. As *Willemia cf. budenbrocki*.
Willemia intermedia (Mills), 1934. Palacios-Vargas 1990:14, 16. Mexico. Descriptive notes.
Willemia subbulbosa Thibaud 1994:93–95, Fig. 14. Cuba.
Willemiastrura coeca Oliveira and Thibaud, 1989. Najt

et al. 1990:97. French Guiana. Oliveira and Thibaud 1992:2, new record from Brazil.

Triacanthella andina Cassagnau and Rapoport, 1962. Covarrubias et al. 1988:72. Chile.

Tafallia insularis Bonet, 1946. Vázquez and Palacios-Vargas 1990:10. Additional record from Mexico, diagnostic remarks.

Microgastrura minutissima (Mills), 1934. Villalobos Hernández 1989:52. Mexico.

Family Odontellidae

Odontella (Superodontella) pefauri Díaz & Najt 1995:419–421, Fig. 1–9. Venezuela.

Odontella (Superodontella) shasta Christiansen & Bellinger, 1980. Palacios-Vargas & Gómez 1991:109. Mexico, as *O. cf. shasta*.

Axenylloides americanus Vázquez and Palacios-Vargas 1989:38–40, Figs. 1–13. Mexico.

Pseudostachia folsomi Arlé, 1968. Thibaud 1993:71. Guadalupe.

Xenylloides armatus (Axelson), 1903. Palacios-Vargas 1990:19. Mexico. As *X. cf. armatus*.

Family Neanuridae

Subfamily Brachystomellinae

Brachystomella agrosa Wray, 1952. Najt et al. 1990:102, 103; Figs. 9–11. Additional records from French Guiana and descriptive notes. Mendonça and Arlé 1992:34, 8, 9; Figs. 1–9. Records from Brazil, variation of chaetotaxy. Díaz & Najt 1995:418. Venezuela.

Brachystomella contorta Denis, 1931. Najt et al. 1991:156. Galapagos Islands.

Brachystomella grootaerti Najt and Thibaud 1991:155, 156; Figs. 2–7. Galapagos Islands.

Brachystomella neomexicana (Scott), 1960. Palacios-Vargas 1990:18. Mexico.

Brachystomella parvula (Schäffer), 1896. Maes and Palacios-Vargas 1989:3. Nicaragua.

Brachystomella septemculata Denis, 1931. Zorrilla 1985 (cited from Banasco Almentero and Zorrilla 1993:3). Cuba.

Brachystomella stachi Mills, 1934. Najt et al. 1990:103. French Guiana. Banasco 1985 (cited from Banasco Almentero and Zorrilla 1993:3). Cuba.

Brachystomellides compositus Arlé, 1959. Najt et al. 1990:104. French Guiana. Díaz & Najt 1995:418. Venezuela.

Micronella porcus (Denis), 1933. Díaz & Najt 1995:418. Venezuela.

Rapoportella margaritae Najt and Palacios-Vargas, 1987. Maes and Palacios-Vargas 1989:3. Nicaragua.

Rapoportella manzanoae Najt and Manzano. Manzano 1990:25. Colombia. *Nomen nudum*.

Rapoportella pitomboi Mendonça & Fernandes, 1995:1–2, Fig. 1–17. Brazil.

Rapoportella yolandae (Rapoport and Maño), 1989. Thibaud 1993:70. Marie Galante. Thibaud (1991, 1993) indicates that previous records of *Rapoportella rapoportii* (Massoud) from the Lesser Antilles belong to this species. Díaz & Najt 1995:418. Venezuela.

Subfamily Frieseinae

Friesea arlei Massoud and Bellinger 1963. Najt et al. 1990:104. French Guiana.

Friesea cera Christiansen and Bellinger, 1974. Vázquez and Palacios-Vargas 1990:13. Mexico, as *F. ca. caera*.

Friesea clavisetia (Axelson), 1900. Palacios-Vargas 1989:736. Mexico. Palacios-Vargas 1990:18. Mexico, descriptive note.

Friesea fili Palacios-Vargas and Mejía 1989:21–23, Fig. 1A–E. Mexico.

Friesea jaliscoensis Palacios-Vargas and Mejía 1989:23–25, Fig. 2A–G. Mexico.

Friesea magnicoris Denis, 1931. Najt et al. 1991:157. Galapagos Islands.

Friesea mirabilis (Tullberg), 1871. Thibaud 1993:70. Guadalupe.

Friesea monteiroi Rapoport, 1962. Covarrubias et al. 1988:72. Chile.

Friesea nauimetztlil Palacios-Vargas and Vidal Acosta 1994:292, 295, 298; Figs. 9–17, 29. Mexico.

Friesea pentacantha Mills, 1934. Miranda Rangel & Palacios-Vargas 1992:22. Mexico, as *F. ca. dentacantha* (sic).

Friesea quadrispina Cassagnau & Rapoport, 1962 (catalog p. 36) is a junior homonym of *Friesea poseidonis* f. *quadrispina* Bagnall, 1939. No replacement name has been proposed.

Friesea quintis Christiansen & Bellinger, 1974. Miranda Rangel & Palacios-Vargas 1992:22. Mexico, as *F. ca. quintis*.

Friesea tzontli Palacios-Vargas and Vidal Acosta 1994:293, 296, Fig. 18–24. Mexico.

Friesea valeriae Thibaud 1993:71, 72; Figs. 1, 2. Marie Galante.

Friesea xilensis Palacios-Vargas and Vidal Acosta 1994:292, 294, 297; Figs. 1–8, 27. Mexico.

Subfamily Pseudachorutinae

Pseudachorutes americanus Stach 1949. Palacios-Vargas & Gómez-Anaya 1995:8. Mexico. As *Pseudachorutes cf. americanus*.

Pseudachorutes amucronatus Díaz & Najt 1995:420, 422, 423, Figs. 10–18. Venezuela.

Pseudachorutes bifasciatus Oliveira & Deharveng, 1994:389–390, Figs. 1–6. Brazil.

Pseudachorutes cacaoiensis Najt, Thibaud and Weiner 1990:106, 107; Figs. 20–28. French Guiana.

Pseudachorutes deserticus Palacios-Vargas 1990:11, 12, 20, 22; Figs. 5A–D, 6A–C. Mexico.

Pseudachorutes difficilis Denis, 1931. Najt et al. 1991:157, 158; Fig. 8. Galapagos Islands, descriptive notes.

Pseudachorutes galapagoensis Najt and Thibaud 1991:157–158, Figs. 9–14. Galapagos Islands. Thibaud et al. 1994:199. Galapagos Islands, description.

Pseudachorutes gilvus Oliveira & Deharveng, 1995:390–391, Figs. 7–12. Brazil.

Pseudachorutes guyanensis Najt, Thibaud and Weiner 1990:107–109, Figs. 29–34. French Guiana.

Pseudachorutes legrisi Thibaud & Massoud, 1983. Díaz & Najt 1995:418. Venezuela.

Pseudachorutes macrochaetus Najt and Thibaud 1991:158, 160; Figs. 15–20. Galapagos Islands.

- Pseudachorutes multidentatus* Najt, Thibaud and Weiner 1990:109–111, Figs. 3543. French Guiana.
- Pseudachorutes parvulus* Börner, 1901. Banasco 1985 (cited from Banasco Almentero and Zorrilla 1993:3). Cuba. Díaz & Najt 1995:418. Venezuela.
- Pseudachorutes texensis* Christiansen & Bellinger, 1980. Miranda Rangel & Palacios-Vargas 1992:22. Mexico.
- Chihuahuachorutes escobarae* Palacios-Vargas 1990:8–11, 12; Figs. 1A–F, 2A–C. Mexico.
- Halachorutes schusteri* Arlé, 1967. Manzano 1990:25. Colombia.
- Anurida marchana* Najt and Thibaud 1991:161, 162; Figs. 21–28. Galapagos Islands.
- Furculanurida longisensillata* Najt, Thibaud and Weiner 1990: 112–114, Figs. 49–56. French Guiana.
- Hylaenura infima* (Arlé), 1959. Zorrilla 1985 (cited from Banasco Almentero and Zorrilla 1993:3). Cuba, as *Kenyura*.
- Aethiopiella ariana* Najt, Thibaud and Weiner 1990:102, 105, 106; Figs. 12–19. French Guiana.
- Aethiopiella delamarei* Arlé, 1959. Najt et al. 1990:105. French Guiana.
- Arlesia albipes* Folsom, 1927. Najt et al. 1990:104. French Guiana. Najt et al. 1991:157. Galapagos Islands. Thibaud 1991:101 states that the species has been found in Nicaragua but records have not been published.
- Arlesia variabilis* Thibaud and Massoud, 1983. Najt et al. 1990:104. French Guiana. Thibaud 1991:101 states that the species has been found in St. Lucia but records have not been published.
- Furculanurida arauakensis* Thibaud & Massoud, 1983. Díaz & Najt 1995:418. Venezuela.
- Hylaenura infima* Arlé, 1959. Najt et al. 1990:104. French Guiana.
- Neotropiella araguaensis* Rapoport & Maño, 1969. Díaz & Najt 1995:418. Synonymized to *N. carli* Denis, see Catalog p. 44.
- Neotropiella arlei* Najt, Thibaud and Weiner 1990:118, 119–120, Figs. 74–81. French Guiana.
- Neotropiella carli* Denis, 1924. Díaz & Najt 1995:418. Venezuela.
- Neotropiella digitomucronata* Thibaud and Massoud, 1983. Díaz & Najt 1995:418. Venezuela.
- Neotropiella duranti* Díaz & Najt 1995:422, 424, 425, Fig. 19–27. Venezuela.
- Neotropiella gordae* Díaz & Najt 1995:424, 426, 427, Fig. 28–37. Venezuela.
- Neotropiella pedisensilla* Najt, Thibaud and Weiner 1990: 116, 117–118, Figs. 65–73. French Guiana.
- Neotropiella quinqueoculata* (Denis) 1931. Palacios-Vargas & Gómez-Anaya 1995. México. Díaz & Najt 1995:418, Venezuela.
- Neotropiella silvestrii* (Denis, 1929). Díaz & Najt 1995: 418. Venezuela.
- Neotropiella vanderdrifti* Massoud, 1963. Najt et al. 1990: 117, French Guiana, descriptive notes. Díaz & Najt 1995:418. Venezuela. Palacios-Vargas & Gómez-Anaya 1995a:9. Mexico, as *Neotropiella* cf. *vanderdrifti*.
- Venezuelida polylepiana* Díaz & Najt 1995:428–430, Fig. 3847. Venezuela.
- Intermediurida anopthalma* Najt, Thibaud and Weiner 1990:113, 115–117, Figs. 57–64, French Guiana.
- Pseudachorutella maxima* Najt, Thibaud and Weiner 1990:110, 111–112; Figs. 4448. French Guiana.
- Delamarellina guilleni* Rapoport and Rubio, 1963. Izarra 1974:57. Argentina.

Subfamily Neanurinae

- Neanura muscorum* (Templeton), 1835. Díaz & Najt 1995:418. Venezuela.
- Neanura persimilis* (Mills), 1934. Palacios-Vargas 1993: 162. Mexico, as *N. af. (sic) persimilis*.
- Americanura banksi* (Denis), 1933. Maes and Palacios-Vargas 1989:3. Nicaragua.
- Americanura interrogator* Cassagnau and Palacios-Vargas, 1983. Najt et al. 1991:163. Galapagos Islands.
- Americanura izabalana* Palacios-Vargas and Ríos 1995: 440442, Fig. 2. Guatemala.
- Americanura medellini* Palacios-Vargas and Ríos 1995: 437438, 439, 441, Fig. 1, 3. Mexico.
- Paleonura brasiliensis* (Arlé), 1959. Cassagnau and Oliveira 1990:20. Descriptive notes, placement in *Paleonura* (placed in *Neanura* in catalog, p. 47).
- Paleonura colimana* Palacios-Vargas & Gómez-Anaya 1995b:96, 97, 98–99; Fig. 10–14. Mexico.
- Paleonura daniae* Palacios-Vargas and Díaz 1992:158–160, Fig. 1A–E. Cuba.
- Paleonura friasica* Cassagnau and Oliveira 1990:20. Argentina. Specimens of this species were previously called *Neanura limnophila* (now *Paleonura limnophila*).
- Paleonura limnophila* (Cassagnau and Rapoport), 1962. Cassagnau and Oliveira 1990:19–20, 21; Fig. 1A–C. Description, placement in *Paleonura* (placed in *Neanura* in catalog, p. 47).
- Paleonura nuda* Cassagnau and Oliveira 1990:20–21, Fig. 2F–J. Brazil.
- Paleonura pescadorius* Palacios-Vargas & Gómez-Anaya 1995b:95–96, 97, 98; Figs. 1–9. Mexico. Palacios-Vargas 1995 & Gómez-Anaya 1995a:8. Mexico.
- Pronura amazonica* Cassagnau and Oliveira 1990:21–22; Fig. 2A–E, 3B. Brazil.
- Paramanura najtae* Cassagnau 1986:315. Venezuela. Cassagnau and Oliveira 1990:21, 22; Figs. 1D, 3A. Description from types.
- Blasconura uivianae* Palacios-Vargas and Díaz 1992:161, 162–163, Fig. 2A–C. Cuba.

Family Onychiuridae

Subfamily Onychiurinae

- Onychiurus fernandae* Oliveira and Thibaud 1992:5–7, Figs. 8–11, Brazil.
- Onychiurus fimetarius* (Linnaeus) 1767. Maes and Palacios-Vargas 1989:3. Nicaragua.
- Onychiurus mariapetrae* Thibaud 1993:71–73, Figs. 3–6. Guadeloupe, Martinique.
- Onychiurus (Onychiurus) opus* Christiansen & Bellinger 1980:467. Palacios-Vargas & Gómez-Anaya 1995:10. Mexico.
- Protaphorura encarpata* (Denis), 1931. Díaz & Najt 1995: 418. Venezuela. Thibaud et al. 1994:199. Galapagos Islands.
- Protaphorura prosensillata* Najt and Thibaud 1991:163, 164; Figs. 29–35. Galapagos Islands. Thibaud et al.

1994:199. Description, synonymized to *P. encarpata* Denis.

Protaphorura sensilata Thibaud and Massoud, 1980. Palacios-Vargas 1990:16, 18. Mexico.

Subfamily Tullberginae

Tullbergia duops Christiansen & Bellinger 1980. Palacios-Vargas & Gómez-Anaya 1995:10. Mexico, as *Tullbergia ca. duops*.

Mesaphorura amazonica Oliveira and Thibaud 1992:3–5, Figs. 1–7. Brazil.

Mesaphorura clavata (Mills), 1934. Miranda Rangel & Palacios-Vargas 1992:21. Mexico.

Mesaphorura granulata (Mills), 1934. Palacios-Vargas 1990:16. Mexico. Christiansen & Bellinger 1992:477, synonymized to *M. silvicola* (Folsom), 1932.

Mesaphorura hades (Christiansen & Bellinger), 1980. Miranda Rangel & Palacios-Vargas 1992:21. Mexico, as *M. cf. hades*.

Mesaphorura knowltoni Wray, 1950. Miranda Rangel & Palacios-Vargas 1992:21. Mexico.

Mesaphorura krausbaueri Börner, 1901. Banasco 1985 (cited from Banasco Almentero and Zorrilla 1993:3). Cuba.

Mesaphorura macrochaeta Rusek, 1976. Palacios-Vargas 1989:736. Mexico.

Mesaphorura ousseti Najt, Thibaud and Weiner 1990:98, 100–101, 102; Figs. 5–8. French Guiana.

Mesaphorura pacifica Rusek, 1976. Miranda Rangel & Palacios-Vargas 1992:21. Mexico.

Mesaphorura ruseki (Christiansen & Bellinger), 1980. Miranda Rangel & Palacios-Vargas 1992:21. Mexico.

Mesaphorura yosiii (Rusek), 1967. Najt et al. 1990:101. French Guiana. Vázquez and Palacios-Vargas 1990:11. Additional record from Mexico, descriptive notes. Najt et al. 1991:165. Galapagos Islands. Oliveira and Thibaud 1992:2. Brazil. Thibaud 1993:73. Marie Galante, Martinique, Barbuda, Anguilla.

Banasco 1985 (cited from Banasco Almentero and Zorrilla 1993:3). Cuba. Thibaud 1994:97. Cuba. Díaz & Najt 1995:418. Venezuela.

Mesaphorura cf. italica (Rusek), 1971. Thibaud 1993:73. Anguilla.

Doutnacia xerophila Rusek. Thibaud 1994:97. Cuba.

Fissuraphorura cubanica Rusek 1991:146–149; Figs. 1A–B, 2A–C. Cuba.

Fissuraphorura deharvengi Rusek 1991:149–151; Figs. 3A–B, 4A–B. Cuba.

Rotundiphorura habanica Rusek 1991:152–155; Figs. 5A–B, 6A–C. Cuba.

Scaphorura cubana Thibaud 1994:95–96, Fig. 5–6. Cuba.

Weinera ghislainae Thibaud 1993:74, 75, Figs. 7–10. Guadaloupe, Les Saintes, La Désirade, Martinique, Nevis.

Family Isotogastruridae

Isotogastrura arenicola Thibaud and Najt, 1992:546–550, Figs. 1–20. Martinique, St. Kitts. Thibaud 1993:74, 76; taxonomic remarks.

Family Isotomidae

Subfamily Anurophorinae

Isotomodes alexius Palacios-Vargas and Kováč 1995:502–505, Figs. 1–9. Mexico,

Isotomodes denisi Folsom, 1932. Thibaud et al. 1994:200. Galapagos Islands.

Isotomodes falsus Christiansen and Bellinger, 1980. Palacios-Vargas 1990:21, 23, 25, 27; Figs. 7A–E, 8A–D. Mexico. Description.

Isotomodes trisetosus Denis, 1923. Thibaud 1993:76. Guadaloupe, Les Saintes, Marie Galante, Martinique. Thibaud et al. 1994:200. Galapagos Islands.

Folsomina onychiurina Denis, 1931. Maes and Palacios-Vargas 1989:4. Nicaragua. Thibaud 1993:76. Guadaloupe, La Désirade, Marie Galante, Les Saintes, Montserrat, Martinique, Anguilla, Nevis. Thibaud 1994:97. Cuba. Thibaud et al. 1994:200. Galapagos Islands.

Folsomides americanus Denis, 1931. Thibaud 1993:77. Guadaloupe, Marie Galante, Les Saintes, Martinique. Thibaud et al. 1994:200. Galapagos Islands, description, status.

Folsomides angularis (Axelson), 1905. Maes and Palacios-Vargas 1989:4. Nicaragua, as *F. decemoculatus* (see p. 64 of catalog).

Folsomides centralis (Denis), 1931. Thibaud et al. 1994:201–202. Galapagos Islands.

Folsomides delamarei Thibaud et al., 1994:200–201, Figs. 14. Galapagos Islands.

Folsomides parvulus Stach, 1922. Zorrilla 1985 (cited from Banasco Almentero and Zorrilla 1993:4). Cuba.

Proisotoma filifera Denis, 1931. Mendonça and dos Reis (1990, 1991) state that the species is known from Brazil, but records have not been published.

Proisotoma fitchi Denis, 1933. Mendonça and dos Reis 1990:644. Additional records from Brazil, variation.

Proisotoma imersa (Folsom), 1924. Vázquez 1988:136, 143. Mexico. Vázquez and Palacios-Vargas 1990:16. Mexico.

Proisotoma subminuta Denis 1931. Mendonça and dos Reis (1990, 1991) state that the species is known from Brazil, but records have not been published.

Proisotoma tenella (Reuter), 1895. Mendonça and dos Reis 1990:644. Additional records from Brazil, variation.

Ballistura laticauda (Folsom), 1937. Palacios-Vargas 1989:737. Costa Rica, genus spelled incorrectly *Palistura*. Vázquez and Palacios-Vargas 1990:15. Mexico, as *Ballistura ca. laticaudata*, Palacios-Vargas & Gómez-Anaya 1995: Mexico, as *Ballistura cf. laticauda*.

Cryptopygus andinus Díaz & Najt 1995:430432, Fig. 48–55. Venezuela.

Cryptopygus behami Christiansen & Bellinger, 1980. Miranda Rangel & Palacios-Vargas 1992:21. Mexico.

Cryptopygus caecus Wahlgren, 1902. Palacios-Vargas 1982b:3–5, Fig. 1. Redescription based on specimens from Argentina. Díaz & Najt 1995:418. Venezuela.

Cryptopygus insignis Massoud and Rapoport, 1968. Covarrubias et al. 1988:72. Chile.

Cryptopygus thermophilus (Axelson), 1900. Maes and Palacios-Vargas 1989:3. Nicaragua. Thibaud 1993:77. Guadaloupe, Martinique, Les Saintes. Thibaud 1994:97. Cuba. Thibaud et al. 1994:203. Galapagos Islands.

- Rhodanella minos* (Denis), 1928. Thibaud et al. 1994:203. Galapagos Islands.
- Archisotoma goubaultae* Thibaud, 1993:75 (Figs. 11-14), 77-78. Guadaloupe, La Désirade, Marie Galante, Martinique.
- Folsomia elongata* (MacGillivray), 1896. Miranda Rangel & Palacios-Vargas 1992:21. Mexico.
- Folsomia quadriculata* (Tullberg, 1871), Díaz & Najt 1995:418. Venezuela, as *F. cf. quadriculata*.
- Folsomia sensibilis* Kseneman, 1934. Miranda Rangel & Palacios-Vargas 1992:21. Mexico.
- Psammisotoma galapagoensis* Thibaud et al., 1994:202-203, Fig. 5-1 1. Galapagos Islands.
- Psammisotoma mariagalanteae* Thibaud, 1993:78-79, Figs. 15-23. Marie Galante.

Subfamily Isotominae

- Isotomurus opala* Christiansen & Bellinger, 1992. Thibaud et al., 1994:203. Galapagos Islands.
- Isotomurus palustris* (Müller), 1776. Covarrubias et al., 1988:72. Chile, Cekalović 1990:158. Chile. Díaz & Najt 1995:418. Venezuela.
- Isotomurus pseudosensillatus* Mendonça 1990:458461, Figs. 19-34. Brazil. Deharveng and Lek 1993:246, remarks on chaetotaxy; as *I. cf. pseudosensillatus*.
- Isotomurus riparius* Mendonça 1990:453458, Figs. 1-18, Brazil.
- Isotomurus sensillatus* Winter, 1963. Díaz & Najt 1995:418, Venezuela.
- Isotoma marissa* Folsom, 1937, Miranda Rangel & Palacios-Vargas 1992:21. Mexico, in *Desoria*.
- Isotoma multisetis* Carpenter & Phillips, 1922. Miranda Rangel & Palacios-Vargas 1992:21. Mexico, in *Desoria*.
- Isotoma nivalis* Carl, 1910. Miranda Rangel & Palacios-Vargas 1992:21. Mexico, in *Desoria*.
- Isotoma tariva* Wray, 1953. Miranda Rangel & Palacios-Vargas 1992:21. Mexico, in *Desoria*.
- Isotoma trispinata* MacGillivray, 1896. Maes and Palacios-Vargas 1989:4. Nicaragua.
- Najtia vicaria* (Arlé), 1959. Genus *Najtia* Arlé and Mendonça 1986:14, Figs. 1-1 O, proposed for the Brazilian species *Isotoma vicaria*; additional description.
- Isotomiella amazonica*. Oliveira and Deharveng 1990:83-85, Figs. 22-27. Brazil.
- Isotomiella arlei* Oliveira and Deharveng 1990:90-92, Figs. 4146. Brazil.
- Isotomiella barrai* Deharveng and Oliveira 1990:198-201, Figs. 30-37. Brazil.
- Isotomiella digitata* Deharveng and Oliveira 1990:191-192, Figs. 9-13. Brazil.
- Isotomiella dupliseta* Deharveng and Oliveira 1990:188-190, Figs. 1-8. Brazil.
- Isotomiella granulata* Oliveira and Deharveng 1990:85-87, Figs. 28-34. Brazil.
- Isotomiella nummulifer* Deharveng and Oliveira 1990:192-194, Figs. 14-19. Brazil.
- Isotomiella prussiana* Oliveira and Deharveng 1990:77-79, 81; Figs. 1-8, 16-18. Brazil, Deharveng & Suhardjono, 1995:309-311; synonymized to *I. symetrimucronata* Najt & Thibaud, 1987.
- Isotomiella quadriseta* Deharveng and Oliveira 1990:197-198, Figs. 26-29. Brazil.

- Isotomiella sensillata* Oliveira and Deharveng 1990:88-90, Figs. 3540. Brazil.
- Isotomiella similis* Oliveira and Deharveng 1990:79-82; Figs. 9-15, 19-21. Brazil.
- Isotomiella spinifer* Deharveng and Oliveira 1990:195-196, Figs. 20-25. Brazil.
- Isotomiella symetromucronata* Najt and Thibaud, 1987. Thibaud et al. 1994:200. Galapagos Islands.
- Paracerura itatiaensis* (Arlé), 1959. Deharveng and Oliveira 1994:443. Species transferred to this new genus from *Setocerura* (p. 83 of catalog).
- Paracerura virgata* Deharveng and Oliveira 1994:443-445, Fig. 1-10. Brazil.
- Gnathisotoma pallens* Yoshii 1990:529, 530, Fig. 4Q,R. Chile.
- Gnathisotoma patagonica* Yoshii 1990:528-530, Fig. 4A-P. Chile.
- Pteronychella andina* Yoshii 1990:526-528; Fig. 3A-N, Chile.
- Axelsonia littoralis* (Moniez), 1890. Manzano 1990:25, Colombia. Thibaud et al. 1994:203. Galapagos Islands, description.

Family Coenaletidae

- Coenaletes caribaeus* Bellinger 1985, Mari Mutt 1994:272-274, Figs. 14. Dominican Republic, St. Croix; as *Coenaletes cf. caribaeus*.

Family Entomobryidae

Subfamily Entomobryinae

- Entomobrya arborea* (Tullberg), 1871. Cekalović 1990:158. Chile.
- Entomobrya atrocincta* Schött, 1896. Maes and Palacios-Vargas 1989:5, Nicaragua, as *E. cf. atrocincta*.
- Entomobrya (Drepanura) californica* Schött, 1891. Palacios-Vargas & Gómez-Anaya 1994:26. Mexico.
- Entomobrya griseoolivata* (Packard), 1873. Díaz & Najt 1995:419, Venezuela.
- Entomobrya longipes* Bonet, 1943. Díaz & Najt 1995:419. Venezuela.
- Entomobrya nivalis* (Linnaeus), 1758. Díaz & Najt 1995:419. Venezuela.
- Entomobrya purpurascens* (Packard), 1873. Maes and Palacios-Vargas 1989:5, Nicaragua, as *E. cf. purpurascens*.
- Entomobrya trianoularis* Schött, 1896. Miranda Rangel & Palacios-Vargas 1992:21. Mexico, as *E. ca. triangoularis*.
- Entomobrya variocolorata* Thibaud and Najt, 1989:983. New name for *Entomobrya violacea* Thibaud and Najt 1987, net, *Entomobrya straminea* var. *violacea* Handschin 1920. Díaz & Najt 1995:419. Venezuela.
- Entomobrya venezolana* Díaz & Najt 1995:432434, Fig. 56-71. Venezuela.
- Sine/la tecta* Christiansen & Bellinger 1980. Miranda Rangel & Palacios-Vargas 1992:21. Mexico, as *S. ca. tecta*.
- Willowsia buskii* (Lubbock), 1870. Covarrubias et al., 1988:72, 74-76, Chile. Palacios-Vargas & Gómez 1991:105. Mexico, as *W. ca. buskii*.
- Seira bipunctata* (Packard), 1873. Díaz & Najt 1995:419. Venezuela.

- Seira colorata* (Denis), 1931. Maes and Palacios-Vargas 1989:5. Nicaragua, as *S. cf. domestica colorata* (see p. 103 of catalog).
- Seira dubia* Christianson & Bellinger 1980. Palacios-Vargas & Gómez 1991:105. Mexico.
- Seira knowltoni* (Wray), 1953. Terrón-Sierra and Palacios-Vargas 1991:338, 339. Mexico.
- Lepidocyrtus caprilesi* Wray, 1953. Díaz & Najt 1995:419. Venezuela.
- Lepidocyrtus ianthinus* Mari Mutt, 1986. Díaz & Najt 1995:419. Venezuela.
- Lepidocyrtus lanuginosus* (Gmelin) 1788. Miranda Rangel & Palacios-Vargas 1992:21. Mexico, as *L. ca. Lanuginosus*.
- Lepidocyrtus usitatus* Folsom, 1927. Maes and Palacios-Vargas 1989:5. Nicaragua, as *L. cf. usitatus*.
- Pseudosinella aera* Christiansen & Bellinger, 1980. Miranda Rangel & Palacios-Vargas 1992:21. Mexico, as *P. ca. area*.
- Pseudosinella alba* (Packard) 1873. Palacios-Vargas & Gómez-Anaya 1995:13. Mexico, as *Pseudosinella ca. alba*.
- Pseudosinella argentea* Folsom, 1902. Vázquez and Palacios-Vargas 1990:17. Mexico, as *P. ca. argentea*.
- Pseudosinella espana* Christianson 1961. Palacios-Vargas & Gómez-Anaya 1995:14. Mexico, as *Pseudosinella ca. espana*.
- Pseudosinella octopunctata* Börner 1901. Palacios-Vargas & Gómez-Anaya 1995:14. Mexico.
- Pseudosinella sexoculata* Schött 1902. Palacios-Vargas & Gómez-Anaya 1994:28. Mexico, as *P. ca. sexoculata*.
- Pseudosinella violenta* (Folsom), 1924. Banasco 1985 (cited from Banasco Almentero and Zorrilla 1993:5). Cuba. as *P. ca. violenta*.
- Subfamily Paronellinae**
- Campylothorax cassagnaus* Mitra & Dallai, 1980. Díaz & Najt 1995:419. Venezuela.
- Campylothorax sabanus* (Wray), 1953. Palacios-Vargas 1992:28, 29. Panama.
- Trogolaphysa germinata* (Mari Mutt) 1988:402, 412; Figs. 20. Puerto Rico, as *Dicranocentruga*.
- Trogolaphysa luquillensis* (Mari Mutt) 1988:402-403, 410; Figs. 12, 15. Puerto Rico, as *Dicranocentruga*.
- Trogolaphysa riopedrensis* (Mari Mutt) 1988:403, 411; Figs. 23-29. Puerto Rico, as *Dicranocentruga*.
- Trogolaphysa subterranea* Mari Mutt 1988:403, 410; Figs. 14, 16. Puerto Rico, as *Dicranocentruga*.
- Microparonella incerta* Mari Mutt 1988:404, 413, 414; Figs. 3045. Puerto Rico.
- Trogolaphysa hirtipes* Handschin, 1924. Díaz & Najt 1995:419. Venezuela.
- Trogolaphysa guacharo* Yosii, 1988. Palacios-Vargas 1989:737. Costa Rica, as *T. cf. guacharo*.
- Trogolaphysa maya* (Mills), 1938. Gruia 1987:154, 155; Fig. 10-15. Descriptive notes; as *Troglopedetes delamarei* Massoud and Gruia (see p. 122 of catalog).
- Troglobius brasiliensis* Palacios-Vargas and Zeppelin 1995:173-174, 175, Fig. 1-9. Brazil.
- Salina banksi* MacGillivray 1894. Palacios-Vargas & Gómez-Anaya 1995:14. Mexico.
- Subfamily Orchesellinae**
- Mastigoceras camponoti* Handschin, 1924. Cassagnau and Oliveira 1992:27-30, Figs. 1A-K, 2A-L. Additional records from Brazil, description.
- Family Cyphoderidae**
- Cyphoderus agnotus* Börner, 1906. Banasco 1985 (cited from Banasco Almentero and Zorrilla 1993:5). Cuba.
- Cyphoderus similis* Folsom, 1927. Banasco 1985 (cited from Banasco Almentero and Zorrilla 1993:5). Cuba.
- Paracyphoderus dimorphus* (Silvestri), 1910. Yoshii 1992:105-107, 108, 109; Figs. 5A-O, 6A-C. Panama. Description.
- Family Oncopoduridae**
- Harlomisilla oculata* (Mills), 1937. Zorrilla 1985 (cited from Banasco Almentero and Zorrilla 1993:4). Cuba.
- Suborder Symphypleona**
- Family Sminthurididae**
- Sminthurides hyogramme* Pedigo, 1966. Miranda Rangel & Palacios-Vargas 1992:22. Mexico, name misspelled *hyogramma*.
- Sminthurides occultus* Mills, 1934. Miranda Rangel & Palacios-Vargas 1992:22. Mexico, name misspelled *ocultus*.
- Sinnamarides delamarei* Betsch and Wailer 1991 :230-234; Figs. 1A-G, 2A-K. French Guiana.
- Sphaeridia boettgeri* Bretfeld and Gauer 1994:125, 126; Fig. 12a-f. Brazil, Paraguay.
- Sphaeridia catapulta* Bretfeld and Gauer 1994:125-126, 127; Fig. 13a, b. Colombia.
- Sphaeridia cerastes* Bretfeld and Gauer 1994:116, 117; Fig. 2a-e. Brazil.
- Sphaeridia chisacae* Bretfeld and Gauer 1994:126, 128; Fig. 14a-c. Colombia.
- Sphaeridia clara* Bretfeld and Gauer 1994:116, 118; Fig. 3a-c. Brazil.
- Sphaeridia coronata* Bretfeld and Gauer 1994:116, 118; Fig. 4a-d. Brazil.
- Sphaeridia fibulifera* Bretfeld and Gauer 1994:116, 119; Fig. 5a-e. Brazil.
- Sphaeridia franklinae* Bretfeld and Gauer 1994:120-121, Fig. 6a-d. Brazil.
- Sphaeridia irmleri* Bretfeld and Gauer 1994:121, Fig. 7a-b. Brazil.
- Sphaeridia lobata* Bretfeld and Gauer 1994:127, 128; Fig. 15a-c. Colombia.
- Sphaeridia mandibulata* Bretfeld and Gauer 1994:127, 129; Fig. 16a-e. Colombia.
- Sphaeridia martii* Bretfeld and Gauer 1994:121-122, Fig. 8a-e. Brazil.
- Sphaeridia neopumilis* Bretfeld and Gauer 1994:129-130, Fig. 17. Colombia.
- Sphaeridia pilleata* Bretfeld and Gauer 1994:122-123, Fig. 9a-e. Brazil.
- Sphaeridia pumilis* (Krausbauer), 1898. Díaz & Najt 1995:419. Venezuela, as *S. cf. pumilis*.

- Sphaeridia robusta* Bretfeld and Gauer 1994:123–125, Fig. 10. Brazil.
- Sphaeridia serrata* Folsom & Mills, 1938, Miranda Rangel & Palacios-Vargas 1992:22. Mexico, name misspelled *Sphaeridia serratus*.
- Sphaeridia spira* Bretfeld and Gauer 1994:130–131, Fig. 18a–c. Colombia.
- Sphaeridia squamifera* Bretfeld and Gauer 1994:124, 125; Fig. 1 la–e. Brazil.
- Sphaeridia sturmi* Bretfeld and Gauer 1994:131, 132; Fig. 19a–d. Colombia.
- Stenacidia* sp. Palacios-Vargas & Gómez 1991:109. Mexico, first Neotropical record for the genus.

Family Arrhopalitidae

- Arrhopalites amarus* Christiansen, 1966. Vázquez and Palacios-Vargas 1990:19. Mexico, as *A. ca. amarus*.
- Arrhopalites amorimi* Palacios-Vargas & Zeppelini 1996:24–26, Fig. 9–16. Brazil.
- Arrhopalites bellingeri* Christiansen, 1966. Miranda Rangel & Palacios-Vargas 1992:22. Mexico, as *A. ca. bellingeri*.
- Arrhopalites diversus* Mills, 1934. Miranda Rangel & Palacios-Vargas 1992:22. Mexico.
- Arrhopalites dubius* Christiansen, 1966. Miranda Rangel & Palacios-Vargas 1992:22. Mexico, as *A. cf. dubias* (sic).
- Arrhopalites christianseni* Palacios-Vargas & Zeppelini 1996:34–36, Fig. 49–56. Mexico.
- Arrhopalites gnaspinius* Palacios-Vargas & Zeppelini 1996:22–24, Fig. 1–8. Brazil.
- Arrhopalites hennigius* Palacios-Vargas & Zeppelini 1996:30–32, Fig. 3340. Mexico.
- Arrhopalites lawrencei* Palacios-Vargas & Zeppelini 1996:26–28, Fig. 17–24. Brazil.
- Arrhopalites vazquezae* Palacios-Vargas & Zeppelini 1996:28–30, Fig. 25–32. Mexico.
- Arrhopalites walacei* Palacios-Vargas & Zeppelini 1996:32–34, Fig. 4148. Mexico.
- Collophora quadrioculata* (Denis) 1933. Palacios-Vargas & Gómez-Anaya 1995:15. Mexico, as *Collophora* cf. *quadrioculata*.

Family Sturmiidae

- Sturmius epiphytus* Bretfeld 1994:264–280, Figs. 1–7, Colombia,

Family Katiannidae

- Sminthurinus conchyliatus* Snider 1978, Miranda Rangel & Palacios-Vargas 1992:22. Mexico.
- Sminthurinus latimaculosus* Maynard 1951. Palacios-Vargas & Gómez-Anaya 1995:15. Mexico, as *Sminthurinus* ca. *latimaculosus*.
- Sminthurinus (Polykatianna) radiculatus*. Palacios-Vargas & Gómez-Anaya 1995: Mexico, as *Sminthurinus (Polykatianna)* ca. *radiculatus*.

Family Dicyrtomidae

- Dicyrtoma flammea* Maynard, 1951, Maes and Palacios-Vargas 1989:6. Nicaragua, as *D. cf. flammea*.
- Ptenothrix texensis* Packard 1873. Palacios-Vargas & Gómez-Anaya 1995:16. Mexico, as *Ptenothrix* ca. *texensis*.

Family Sminthuridae

- Sminthurus buskii* Lubbock, 1862. Palacios-Vargas & Gómez 1991:109. Mexico, as *S. ca. buskii*.
- Sminthurus butcheri* Snider, 1969. Miranda Rangel & Palacios-Vargas 1992:22. Mexico.
- Sphyrotheca mucroserrata* Snider, 1978. Miranda Rangel & Palacios-Vargas 1992:22. Mexico.
- Neosminthurus clavatus* (Banks) 1897. Palacios-Vargas & Gómez-Anaya 1995:16. Mexico, as *Neosminthurus* cf. *Clavatus*.

Family Bourletiellidae

- Prorastrisopes azuladus* Bretfeld 1992:4243, 50, 56; Fig. 5a–d. Paraguay.
- Prorastrisopes cingulus cingulus* (Bonet), 1934. Bretfeld 1992:3941, 50, 53, 54, 55; Fig. 2a–g, 3a–g, 4a–h. Description of nominal subspecies. Paraguay. *Prorastrisopes procingulus* (Delamare Deboutteville and Massoud, 1963) (p. 153 of catalog) declared a synonym of *P. cingulus*.
- Prorastrisopes marginatus* Bretfeld 1992:4344, 50, 56; Fig. 5e–i. Venezuela.
- Prorastrisopes paryskii* (Stach), 1955. Bretfeld 1992:4445., 50, 57, 58; Fig. 6a–d, 7a–f. Description from types.
- Prorastrisopes venezuelae* Bretfeld 1992:4243, 50; Figs. 2a, 3g, 4g,h. Venezuela, as *P. cingulus venezuelae*. Naylor 1993:662, species status.
- Deuterostminthurus delatorrei* Palacios-Vargas & Gonzalez 1995:287–288, 289; Fig. 1–13. Cuba.
- Deuterostminthurus lipponi* Snider, 1978. Banasco 1985 (cited from Banasco Almentero and Zorrilla 1993: 5). Cuba, as *Bourletiella (Deuterostminthurus) lixonii* (sic).
- Deuterostminthurus maassius* Palacios-Vargas & Gonzalez 1995:290–292, Fig. 17–27.
- Deuterostminthurus maassius* Palacios-Vargas & Gonzalez In Press. Palacios-Vargas & Gómez-Anaya 1995: 17. Mexico.
- Deuterostminthurus wexfordensis* Snider, 1969. Palacios-Vargas 1994:46,47. Mexico, as *Deuterostminthurus* ca. *wexfordensis*.

Suborder Neelipleona

Family Neelidae

- Neelides minutus* (Folsom) 1901. Maes and Palacios-Vargas 1989:6. Nicaragua.

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