

CATALOGUE OF NEW WORLD DERMAPTERA (INSECTA)
PART II: LABIOIDEA, CARCINOPHORIDAE¹

HANS REICHARDT

Superfamily Labioidea

Labioidea; Popham, 1965b: 130, 132.

This superfamily, the largest of the order, is very badly in need of revision, especially of some of the larger genera. Popham & Brindle (1966a, 1966b, 1966c, 1967a and 1967b) have presented a generic revision of the superfamily, synonymizing a relatively large number of genera. Brindle (1967b) has started the publication of a revision of the Carcinophoridae at the species level, beginning with a revision of the large genus *Carcinophora*, however, only following part of the generic synonymy proposed earlier (Popham & Brindle, 1966c).

Family **CARCINOPHORIDAE**

Carcinophoridae; Popham, 1965b: 132, 122 (with key to subfamilies and list of genera).

The species of Carcinophoridae occur in all zoogeographical Regions. Within the New World a few of the species (7) occur north of Mexico, none, however, being endemic to the United States. Four of the species occur outside the New World, some obviously imported from other parts of the World.

As presently structured, the family is formed by 4 subfamilies, with a total of 9 genera and 58 species.

Subfamily PARISOLABINAE

Parisolabinae Verhoeff, 1904: 120; Burr, 1911e: 38 (with key to genera); Popham, 1965b: 133 (with list of genera); Popham & Brindle, 1966a: 134 (with key to genera).

Idolopsalis Borelli, 1910

Idolopsalis Borelli, 1910a: 156-157 (type-species, *Idolopsalis riveti* Borelli, by monotypy); Burr, 1911e: 38, 39; Popham & Brindle, 1966a: 134 (checklist).

Idololabis Burr, 1911: 335 (lapsus).

Distribution: South America.

andeana Burr, 1914c: 426 (type-locality, Ecuador, Pichincha, Cayambe, 12,000 - 14,000 ft. Types, 1 ♂ and 1 ♀, British Museum); 1915a: 446, pl. IX, fig. 14 (male genitalia).

Distribution: Ecuador (type-locality).

borgmeieri Menozzi, 1932: 154-155, 157, fig. 3 (dorsal view and male genitalia; type-locality, Brazil, Rio de Janeiro, Petrópolis. Types, 1 ♂ and several ♀, Menozzi collection).

Distribution: Brazil (type-locality).

incerta Bormans, 1903a: 234 (? *Anisolabis*; type-locality, Ecuador, Loja, Loja. Holotype ♂, British Museum; ♀ undescribed); Burr, 1910c: 175, 177 (*Anisolabis*; in key; incorrectly indicated as being a melanic form of *Psalis festae* Borelli); 1911e: 29 (*Anisolabis*); 1914a: 580.

Distribution: Ecuador (type-locality).

riveti Borelli, 1910a: 157-158 (type-locality, Ecuador, Carchi, Troya. Holotype ♂, from Troya, and 1 ♀, 1 ♂ juv., 2 larvae from Carchi, El Pelado, Paris Museum); Burr, 1911e: 39, pl. 7, fig. 2 (dorsal view); 1915a: 446, pl. IX, fig. 13 (male genitalia).

Distribution: Ecuador and Peru.

whymperi Burr, 1914c: 426-427 (type-locality, Ecuador, Pichincha, Antisanilla to Pinantura, 11,000 ft. Holotype ♂ and allotype ♀, British Museum; other specimens from Pichincha, La Dormida (1 ♂), Pichincha, Pichincha (2 ♂) and Chimborazo, Valle de Collanes (1 ♀); 1915a: 446, pl. IX, fig. 12 (male genitalia).

Distribution: Ecuador.

Subfamily BRACHYLABINAE

Isolabidae Verhoeff, 1902b: 10-11.

Brachylabinae; Burr, 1908d: 247 (with key to genera); 1909d: 324 (considered a subfamily of Labiduridae); 1910c: 188 ff. (revision with key to genera); 1911e: 40 (with key to genera); Popham & Brfindle, 1966b: 244, 245-246 (with key to genera).

Brachylabis Dohrn, 1864

Brachylabis Dohrn, 1864: 292 (type-species, *Forficula chilensis* Blanchard, designated by Kirby, 1891: 518); Scudder, 1876d: 290-291 (notes); Burr, 1908d: 248-249 (with key to species); 1910c: 190, 191-192; 1911e: 40, 41.

Distribution: South America; Oriental and Australian Regions.

chilensis Blanchard, 1851: 10, pl. 1, fig. 1 (dorsal view of male; *Forficula*; type-locality, "Chile". Holotype ♂, location unknown); Kirby, 1891: 518 (designation as type-species); Burr, 1910c: 192 (redescription).

testaceicornis Blanchard, 1851: 11-12 (*Forficula*; type-locality, "Chile". Holotype ♀, location unknown); Dohrn, 1864: 295 (proposed synonymy with *chilensis* Blanchard).

Distribution: Argentina, Chile and Ecuador.

coriacea Burr, 1910c: 192-193, pl. 47, fig. 31 (head; type-locality, Brazil, "Espírito Santo"; other specimens from "Santa Catarina" and Rio de Janeiro, Nova Friburgo. Types, ♂ and ♀, British Museum and Vienna Museum).

Distribution: Brazil (Espírito Santo, Rio de Janeiro and Santa Catarina).

lenkoi Brindle, 1968c: 32-34, figs. 1-2 (dorsal view of male and male genitalia; type-locality, Brazil, São Paulo, Barueri, from nests of *Camponotus rufipes* (Fabricius, 1775). Holotype ♂, ♂ and ♀ paratypes in Departamento de Zoologia, São Paulo).

Distribution: Brazil (type-locality).

punctulata Moreira, 1931: 261-262, fig. 5 (dorsal view of male; *Nannisolabis*; type-locality, Brazil, Guanabara, Rio de Janeiro (Silvestre). Types, 2♂ and 2 ♀, Instituto Biológico de Defesa Agrícola, Rio de Janeiro); Popham & Brindle, 1966b: 224 (listed under *Brachylabis* and *Nannisolabis*, with indication of possibly belonging to the former).

Distribution: Brazil (type-locality).

var. *rufa* Moreira, 1931: 262-263, fig. 6 (dorsal view of male; *Nannisolabis punctulata* var. *rufa*; type-locality, Brazil, Rio de Janeiro, Itatiaia (Monte Serrat, 800 m). Types 1 ♂ and 1 ♀, Instituto Biológico de Defesa Agrícola, Rio de Janeiro).

Distribution: Brazil (type-locality).

Isolabis Verhoeff, 1902

Isolabis Verhoeff, 1902b: 11 (type-species, *Isolabis braueri* Verhoeff, from Africa, by monotypy); Burr, 1911e: 40, 42; Popham & Brindle, 1966b: 245 (see for non-Neotropical synonymy).

Ctenisolabis Verhoeff, 1902b: 11 (type-species, *Ctenisolabis togoensis* Verhoeff, from Africa, by monotypy); Burr, 1910c: 191, 197 (with key to species); 1911e: 40, 42; Popham & Brindle, 1966b: 245 (proposed synonymy with *Isolabis* Verhoeff).

Leptisolabis Verhoeff, 1912b: 12 (type-species, *Leptisolabis usumbarana* Verhoeff, from Africa, designated by Kirby, 1904: 21); Burr, 1908d: 252 (revision with key to non-American species); 1911e: 40, 43; Popham & Brindle, 1966b: 245 (proposed synonymy with *Isolabis* Verhoeff).

Distribution: Oriental, Ethiopian and Neotropical Regions.

aliena Borelli, 1911: 1-3 (*Leptisolabis*; types, 3 ♂, from Costa Rica, Cartago, Orosi; La Mica; La Estrella; all specimens ex-Bromeliaceae. Turin Museum; ♀ undescribed).

Distribution: Costa Rica.

fernandezi Borelli, 1909b: 4, fig. 2 (dorsal view of male; *Brachylabis*; type-locality, Costa Rica, San José, El General (= General Viejo). Holotype ♂, Turin Museum; ♀ undescribed); Burr, 1910c: 197, 198 (in key; assigned to *Ctenisolabis*); 1915a: 447 (*Ctenisolabis*; indication of possibly being a misidentification of *C. nigra* Scudder, according to Borelli, *i.l.*).

Distribution: Costa Rica (type-locality).

howardi Burr, 1910b: 449-451 (*Leptisolabis*; type-locality, Guatemala, Alta Verapaz, Trece Aguas, Cacao. Holotype ♂, United States National Museum); 1910c: 199-201, pl. 47, figs. 16, 30 (antenna and head; *Leptisolabis*; redescription); Hebard, 1917b: 305 (description of female from Panama).

nigra Scudder (pars); Caudell, 1907b: 172 (*Ctenisolabis*; Guatemalan record).

Distribution: Guatemala and Panama.

montana Borelli, 1909b: 5 (*Brachylabis*; types, ♂ and ♀, from Costa Rica, San José, Santa Maria de Dota and Cartago, Volcan Irazu, Ojo de Agua Chicao, 3,032 m; Turin Museum); Burr, 1910c: 197 (in key; assigned to *Ctenisolabis*); 1911e: 42, pl. 4, fig. 3 (dorsal view; *Ctenisolabis*).

Distribution: Costa Rica.

nigra Scudder, 1876a: 251-252 (*Cylindrogaster*; type-locality, Brazil, "Pará". Holotype ♀, location unknown); Bormans, 1900b: 54, fig. 22 (male; *Brachylabis*); Burr, 1910c: 197 (assigned to *Ctenisolabis*).

Distribution: Brazil (Amazonas, Pará and Mato Grosso), Peru and Paraguay.

Geracodes Hebard, 1917

Geracodes Hebard, 1917b: 322-323 (type-species, *Geracodes litus* Hebard, by original designation; described as Labiinae incertae sedis); Hincks, 1952: 23 (transference to Brachylabinae); Popham & Brindle, 1966b: 245 (checklist).

Distribution: Panama, Paraguay and Ethiopian Region.

litus Hebard, 1917b: 323-324, pl. XXVI, figs. 6-7 (dorsal view of female and proximal antennal segments of female; type-locality, Panama, La Chorrera. Holotype ♀, United States National Museum; ♂ undescribed).

Distribution: Panama (type-locality).

paraguayensis Borelli, 1932: 95-97, figs. (dorsal view of male, antenna; type-locality, Paraguay, Cordillera, San Bernardino. Holotype ♂, Hamburg Museum; ♀ undescribed).

Distribution: Paraguay (type-locality).

Subfamily CARCINOPHORINAE

Anisolabidae Verhoeff, 1902b: 9; Zacher, 1911: 368.

Psalinae; Burr, 1909d: 325 (subfamily of Labiduridae); 1911e: 24, 27-35 (revision with key to genera).

Carcinophorinae; Hincks, 1949: 625; Popham, 1965b: 133 (with list of genera); Popham & Brindle, 1966c: 269, 276-277 (with key to genera); Brindle, 1967b: 190 (notes; with key to genera).

Carcinophora Scudder, 1876

Psalis Serville, 1831: 30, 34-35 (*nec Psalis* Huebner, 1823, Lepidoptera; type-species, *Forficula americana* Palisot de Beauvois, designated by Scudder, 1876d: 297); Kirby, 1891: 516; Burr, 1910c: 168, 181-183 (revision of genus, with proposed synonymy with *Carcinophora*; key to species); 1911e: 27, 31.

Carcinophora Scudder, 1876d: 291 (type-species, *Chelidura robusta* Scudder, by original designation); Kirby, 1891: 530; Burr, 1910c: 181 (proposed synonymy with *Psalis* Serville); Popham & Brindle, 1966c: 272 (see for synonymy); Brindle 1967b: 190-194 (revision with key to species; see for synonymy).

Spandex Burr, 1915b: 536, 537 (type-species, *Psalis pulchra* Rehn, by original designation); Popham & Brindle, 1966c: 272 (proposed synonymy with *Carcinophora* Scudder).

Metalabis Burr, 1915b: 536, 538 (type-species, *Eulabis saramaccensis* Zacher, by original designation); Popham & Brindle, 1966c: 272 (proposed synonymy with *Carcinophora* Scudder); Brindle, 1967b: 190 (in key, as valid genus).

Mandex Burr, 1915b: 533 (type-species, *Euborellia peruviana* Bormans, by original designation); Hebard, 1921a: 108; Menozzi, 1932: 152 (as subgenus of *Anisolabis*); Popham & Brindle, 1966c: 272 (proposed synonymy with *Carcinophora* Scudder); Brindle, 1967b: 190.

Distribution: tropics of Old World and Neotropical Region.

americana Palisot de Beauvois, 1817: 165, pl. 14, fig. 1 (dorsal view of male; *Forficula*; type-locality, Hispaniola, Dominican Republic, Santo Domingo. Holotype ♂, location unknown); Rehn, 1903c: 301-303 (*Psalis*; notes); 1911e: 32 (*Psalis*); 1915b: 533, pl. X, fig. 5 (*Psalis*; male genitalia); Rehn & Hebard, 1917: 637-638 (*Psalis*; notes on variation and synonymy); Brindle, 1966d: 132-133 (discussion on status of synonyms); 1967b: 192, 193, 194 (in key; discussion of synonymy).

procera Burmeister, 1838: 753 (*Forficula*; type-locality, "West Indies". Type, location unknown); Dohrn, 1863: 319 (proposed synonymy with *americana* Palisot de Beauvois).

elegans Stal, 1855: 348 (*Forficesila*; type-locality, Colombia, "Antiochia". Holotype ♀, Stockholm Museum); Dohrn, 1863: 319 (proposed synonymy with *americana* Palisot de Beauvois).

distincta Guérin-Ménéville, 1856: 136, pl. 12, figs. 1a, 1b (last abdominal segment and forceps of male (*sic*), antenna; *Forficula* (*Forficesila*); type-locality, "Cuba". "Types, 2 ♀, location unknown); Dohrn, 1863: 319 (proposed synonymy with *americana* Palisot de Beauvois).

Distribution: Greater and Lesser Antilles, Central America.

apolinari Hebard, 1919: 90-92, pl. XVI, fig. 1 (dorsal view of female; *Psalis*; type-locality, Colombia, Santander, Pamplona. Holotype ♀, Hebard collection; ♂ undescribed); 1921a: 108 (*Man-dex*).

Distribution: Colombia (type-locality).

brasiliensis Moreira, 1931: 260-261, fig. 3 (dorsal view of male; *Psalis*; type-locality, Brazil, Guanabara, Rio de Janeiro (Silvestre). Holotype ♂, Instituto Biológico de Defesa Agrícola, Rio de Janeiro; ♀ undescribed); Brindle, 1967b: 193 (in key).

Distribution: Brazil (type-locality).

burri Borelli, 1905: 2-4, fig. (dorsal view of male; *Psalis*; type-locality, Paraguay, Alto Parana, Puerto Bertoni. Holotype ♂, Turin Museum); Burr, 1910c: 182 (*Psalis*; in key); Brindle, 1967b: 12 (in key).

compacta Hebard, 1919: 92-94, pl. XVI, figs. 2-3 (dorsal view of male, forceps and abdomen of male; *Psalis*; type-locality, Colombia, Cundinamarca, Soacha. Holotype ♂ and allotype ♀, Hebard collection); Brindle, 1967b: 194 (proposed synonymy with *burri* Borelli).

Distribution: Paraguay and Colombia.

croceipes Moreira, 1930: 14-15, fig. 2 (dorsal view of female; *Psalis*; type-locality, Brazil, Rio de Janeiro, Campo Belo. Holotype ♀, Instituto Biológico de Defesa Agrícola, Rio de Janeiro); 1932: 280 (*Psalis*; description of male and distribution); Brindle, 1967b: 194 (suggestion of possibly being a Labiidae).

Distribution: Brazil (Rio de Janeiro, São Paulo and Santa Catarina).

deplanata Rehn, 1933b: 3-5, pl. 1, figs. 1-2 (dorsal and lateral views of abdomen of male; *Metalabis*; type-locality, Brazil, Amazonas, Rio Purus, Huitanaã. Holotype ♂, Stockholm Museum; ♀ undescribed).

Distribution: Brazil (type-locality).

festae Borelli, 1904a: 3-4, figs. a-b (dorsal view of male and forceps of female; *Anisolabis*; types, ♂ and ♀. from Ecuador, Azuay, 2,580 m, and Sigsig, 2,550 m; Turin Museum); Burr, 1910c: 175, 177 (*Anisolabis*; in key, with incorrect indication of *Anisolabis incerta* Bormans being a melanic form of this species); Hebard, 1924: 113 (*Psalis*; notes).

Distribution: Ecuador.

festiva Burr, 1910c: 181, 182-183 (*Psalis*; type-locality, Brazil, "Bahia". Types, 3 ♀, Viena Museum; ♂ undescribed); Hebard, 1917a: 232 (Venezuelan record); Brindle, 1967b: 193 (in key).

Distribution: Brazil (Bahia) and Venezuela.

gagathina Burmeister, 1838: 753 (*Forficula*; type-locality, "Puerto Rico". Type, location unknown) Burr, 1909c: 126-127 (*Psalis*; in key, as good species); 1915b: 533, pl. X, fig. 6 (male genitalia; *Psalis*; as good species, with *robusta* Scudder as synonym);

Brindle, 1967b: 192, 193 (in key, as valid species, with *buscki* Rehn as synonymy).

buscki Rehn, 1903b: 129-130 (*Apterygida*: type-locality, Puerto Rico, Utuado. Holotype ♀, United States National Museum); Caudell, 1907a: 170 (proposed synonymy with *gathina* Burmeister).

Distribution: Puerto Rico.

haenschi Burr, 1912c: 317, fig. 3 (penultimate sternite of male; *Psalis*; type-locality, Ecuador, Napo-Pastaza, Archidona. Holotype ♂, Berlin Museum); 1915b: 537, pl. XI, fig. 6 (male genitalia; *Spandex*); Brindle, 1967b: 193 (in key).

Distribution: Ecuador (type-locality).

minima Moreira, 1931: 261, fig. 4 (dorsal view of male; *Psalis*; type-locality, Brazil, "Rio de Janeiro". Holotype ♂, Instituto Biológico de Defesa Agrícola, Rio de Janeiro; ♀ undescribed); Brindle, 1967b: 193 (in key).

Distribution: Brazil (type-locality).

nigra Caudell, 1907a: 167-168 (*Psalis*; type-locality, Trinidad, Montserrat. Holotype ♀, United States National Museum; ♂ undescribed); Burr, 1910c: 182 (*Psalis*; in key); Brindle, 1967b: 193 (in key).

Distribution: Trinidad (type-locality).

percheron Guérin, 1838: 6, pl. 7 (*Forficula*; type-locality, French Guiana, Guyane, Cayenne. Holotype ♀, location unknown); Burr, 1910c: 181 (*Psalis*; in key); 1911e: 31 (*Psalis*); Hebard, 1917a: 232-233 (*Spandex*; distribution and notes); Brindle, 1967b: 193, 194 (in key; distribution and notes).

flexuosa Burmeister, 1838: 753 (*Forficula*; type-locality, French Guiana, Guyane, Cayenne. Type, location unknown); Scudder, 1876d: 316 (indication of possible synonymy with *percheron* Guérin).

bipunctata Scudder, 1862: 415 (*Spongophora*; type-locality, United States, "Massachusetts". Holotype, location unknown); 1876d: 316 (proposed synonymy with *percheron* Guérin).

pulchra Rehn, 1903c: 303-304 (*Psalis*; type-locality, Costa Rica, San Carlos. Holotype ♂, United States National Museum); Burr, 1910b: 446 (*Psalis*; indication of synonymy with *percheron* Guérin); 1915b: 537, pl. XI, fig. 5 (male genitalia; as good species; designation as type-species of *Spandex*); Brindle, 1967b: 194 (considered a synonym of *percheron* Guérin).

pictipennis Bruner, 1906: 138 (*Labia*; type-locality, "Trinidad". Types, 2 ♂, Bruner collection); Caudell, 1907a: 167 (proposed synonymy with *pulchra* Rehn).

Distribution: United States (Massachusetts), Lesser Antilles, Central America (Costa Rica and Panama) and South America (Guianas and Brazil, Amazonas).

peruviana Bormans, 1880a: 505-506 (*Anisolabis peruvianum*; type-locality, "Pérou Central". Holotype ♂, Warsaw Museum; ♀ undescribed); Burr, 1910c: 180 (*Euborellia*; in key); 1911e: 30, pl. 3, fig. 3 (dorsal view; *Euborellia*); 1915b: 533, pl. X, fig. 4 (male genitalia; *Mandex*).

Distribution: Peru (type-locality).

robusta Scudder, 1869: 344 (*Chelidura*; types, 2 ♂, from Ecuador, Napo and between Quito and Napo; location unknown); 1876d: 297 (designation as type-species of *Carcinophora*); Bormans, 1900b: 40 (proposed synonymy with *colombiana* Bormans); Brindle, 1967b: 192, 194 (in key; notes and synonymy).

colombiana Bormans, 1883: 61-62, pl. 2, figs. 2, 2a-b (dorsal view of male and forceps of male and female; *Psalis*; type-locality, "Colombia". Types, ♂ and ♀, Bruenner collection); 1900b: 40 (proposed synonymy with *robusta* Scudder).

fusca Borelli, 1904a: 1-2 (type-locality, Ecuador, Valle de Santiago. Holotype ♀, Turin Museum; ♂ undescribed); Burr, 1910c: 181 (*Psalis*; in key); Brindle, 1967b: 195 (proposed synonymy with *robusta* Scudder).

Distribution: Ecuador, Colombia, and Costa Rica.

rosenbergi Burr, 1899b: 253-254 (*Psalis*; types, 1 ♂ and several ♀, from Ecuador, Imbabura, Paramba, 3,500 ft.; Chimborazo, Chimbo, 1,000 ft.; Esmeraldas, Cachavi, 500 ft.; British Museum); 1910c: 181 (*Psalis* in key); 1915b: 537 (*Spandex*); Hebard, 1921a: 109-110 (*Spandex*; Colombian record); Brindle, 1967b: 193, 194 (in key; notes and distribution).

Distribution: Colombia and Ecuador.

saramaccensis Zacher, 1911: 378 (*Eulabis*; types, 2 ♂ from Surinam, Saramacca; 1 ♂ and 1 ♀ from Surinam, Paramaribo; Berlin Museum); Burr, 1911e: 34 (*Eulabis*); 1914d: 274 (*Eulabis*; Panamanian record); 1915b: 538, pl. XI, fig. 7 (male genitalia; designation as type-species of *Metalabis*); Hebard, 1917a: 233 (*Metalabis*; distribution and notes).

Distribution: Panama, Trinidad, Surinam, Guyana and Brazil (Roraima).

scudderi Bormans, 1900a: 449-450 (*Psalis*; types, 2 ♀, from Paraguay, Olimpo, Puerto 14 de Mayo; Genova Museum; Brazil, Amazonas, São Paulo de Olivença, Bruenner collection); Burr, 1910c: 182 (*Psalis*; in key); Hebard, 1917a: 233-234 (*Euborellia*; description of male from Peru, Junin, Chanchamayo); Brindle, 1967b: 193 (generic assignment).

Distribution: Paraguay, Brazil (Amazonas) and French Guiana.

spitzi Menozzi, 1932: 151-152, 167, fig. 1 (dorsal view and male genitalia; *Anisolabis* (*Mandex*); types, 3 ♂ and 3 ♀ from Brazil, São Paulo, Paranapiacaba and São Bernardo do Campo; 1 ♀ from Paraná, Castro; 1 ♀ from Santa Catarina, Blumenau; location unknown).

Distribution: Brazil (São Paulo, Paraná and Santa Catarina).

venezuelica Brindle, 1968b: 86, figs. 15, 16 (male genitalia and forceps; holotype ♂, Venezuela, D.F., Caracas; Museu de Biologia, Caracas).

Distribution: Venezuela (type-locality).

waddyi Burr, 1904: 290 (type-locality, "Martinique". Holotype ♀, Paris Museum; ♂ undescribed); 1910c: 182 (*Psalis*; in key); Brindle, 1967b: 194 (in key).

Distribution: Martinique (type-locality).

Gonolabis Burr, 1900

Gonolabis Burr, 1900b: 48-49, 53 (type-species, *Anisolabis javana* Bormans, from Java, by original designation); 1911a: 27, 28.

Distribution: Oriental, Ethiopian, Australian Regions and New World.

azteca Dohrn, 1862: 226-227 (*Forcinella*; type-locality, not given, presumably "Mexico". Holotype ♀, Stettin Museum); Caudell, 1905b: 216 (Floridan record); Burr, 1911e: 28.

antennata Kirby, 1891: 517-518 (*Anisolabis*; type-locality, "Bermuda". Holotype ♀, British Museum); Bormans, 1900b: 49 (proposed synonymy with *azteca* Dohrn); Caudell, 1905a: 85 (erroneously synonymized with *Euborellia annulipes* Lucas); Burr, 1911e: 29 (as synonym of *Anisolabis annulipes* Lucas).

Distribution: Mexico, United States (Florida) and Bermuda.

Euborellia Burr, 1910

Borellia Burr, 1909d: 325 (*nec Borellia* Rehn, 1906; type-species, *Forficula moesta* Serville, from Europe, by original designation).

Euborellia Burr, 1910b: 448 (new name for *Borellia* Burr, *nec* Rehn, 1906); 1910c: 179-181 (revision with key to species); 1911e: 27, 30; Popham & Brindle, 1966c: 272 (synonymy; see for non-Neotropical synonymy; checklist).

Heterolabis Borelli, 1912b: 230-232 (type-species, *Heterolabis brasiliensis* Borelli, by monotypy); Popham & Brindle, 1966c: 272 (proposed synonymy with *Euborellia* Burr).

Distribution: Cosmopolitan.

ambigua Borelli, 1906b: 3-4 (*Anisolabis*; type-locality, Costa Rica, "Rio Jesus Maria". Types, 4 ♀, Turin Museum); Burr, 1910c: 180 (in key, with footnote indication of synonymy with *janeirensis* Dohrn); Hebard, 1917a: 234 (record from Trinidad); 1921: 320, 321, pl. 19, figs. 1-3 (dorsal view and details; description of male and record from Florida); Boeseman, 1954: 43.

Distribution: United States (Florida), Bahamas, Cuba, Jamaica, Dominica, Trinidad and Costa Rica.

annulipes Lucas, 1847: 84-85 (*Forficesila*; type-locality, France, Paris, imported from North America?; holotype, Paris Museum); Burr, 1910c: 177 (in key); 1911e: 29 (see for non-New World synonymy); Morse, 1920: 291-292, pl. 13, fig. 15 (antenna).

annulicornis Blanchard, 1851: 10-11 (*Forficula*; type-locality. "Chile". Holotype ♀, location unknown); Burr, 1911e: 29 (proposed synonymy with *annulipes* Lucas).

bormansi Scudder, 1893: 5-6, pl. 1, fig. 1 (dorsal view of female; *Anisolabis*; type-locality. Galapagos Islands, Chatham Island (= San Cristobal). Holotype ♀, location unknown); Burr, 1910c: 176 (proposed synonymy with *annulipes* Lucas).

Distribution: Cosmopolitan; United States (southern and eastern states), Central America (Mexico and Guatemala), Greater Antilles, South America (French Guiana, Venezuela, Paraguay, Uruguay, Argentina and Chile) and Galapagos Islands.

antoni Dohrn, 1864: 289-290 (*Forcinella*; type-locality, "Venezuela". Holotype ♂, Dohrn collection); Bormans, 1893: 5, pl. 1, fig. 10; Burr, 1911e: 29 (incorrect synonymization with *annulipes* Lucas); Hebard, 1917c: 410-411, pl. XXVIII, fig. 8 (abdomen and forceps of female, lateral view); Rehn, 1933a: 164; Alvarenga, 1962: 22 (record from Fernando de Noronha).

Distribution: Central America (Mexico to Panama) and South America (Venezuela, Trinidad, French Guiana, Brazil and (?) Chile).

armata Borelli, 1906b: 4-6, figs. (dorsal view of male and forceps of female; *Anisolabis*; type-locality, Costa Rica, San José, Altos del Cangrejal de Aserrí, 1,000 m. Types, 1 ♂ and 3 ♀, Turin Museum) Burr, 1910c: 180, pl. XLVI, fig. 9 (in key); 1912a: 76 (Brazilian record).

Distribution: Costa Rica and Brazil (Santa Catarina).

brasiliensis Borelli, 1912b: 232-233, fig. 1 (male genitalia; *Heterolabis*; type-locality, Brazil, "Minas Gerais" 2,100 m). Types, 1 ♂ and 1 ♀, Paris Museum); Burr, 1914a: 581 (*Heterolabis*); Menozzi, 1932: 167 (*Heterolabis*).

Distribution: Brazil.

caraibea Hebard, 1921: 321, 322-323, pl. 19, figs. 4-6 (dorsal view and details; type-locality, Bahamas, New Providence Island, Nassau. Holotype ♂ and allotype ♀, Hebard collection).

ambigua Borelli (pars); Rehn & Hebard, 1917: 638 (Antillean records).

Distribution: Greater and Lesser Antilles.

cincticollis Gerstaecker, 1883: 44 (*Brach. cincticollis*; types, ♂ and ♀, from Boujongo and Victoria, Cameroon, Africa; location unknown); Burr, 1911e: 32, pl. 3, fig. 7 (dorsal view of male; *Psalis*; see for synonymy); Gurney, 1950: 200-202 (Californian record).

Distribution: West Africa and United States (California).

flavipes Moreira, 1931a: 258, fig. 1 (dorsal view of male; type-locality, Brazil, Guanabara, Rio de Janeiro (Silvestre). Holotype ♂, Instituto Biológico de Defesa Agrícola, Rio de Janeiro); Ribeiro, 1931: 290 (record of female).

Distribution: Brazil (Guanabara).

inermis Moreira, 1931a: 259-260, fig. 2 (dorsal view of female; type-locality, Brazil, Guanabara, Rio de Janeiro; Holotype ♀, Instituto Biológico de Defesa Agrícola, Rio de Janeiro; ♂ undescribed).

Distribution: Brazil (type-locality).

janeirensis Dohrn, 1864: 285-286 (*Forcinella*; type-locality, Brazil, Guanabara, Rio de Janeiro, Holotype ♀, Brünner collection); Burr, 1910c: 180 (in key); Rehn, 1916: 218; Hebard, 1921: 323-324; Alvarenga, 1962: 22.

Distribution: Brazil (Santa Catarina, Guanabara, Rio de Janeiro, Mato Grosso, Minas Gerais, Bahia, Alagoas, Pernambuco, Paraíba, Rio Grande do Norte, Ceará and Fernando de Noronha) and Venezuela.

maxima Moreira, 1932: 278-279, figs. 1-2 (abdomen, forceps and thorax; type-locality, Brazil, Paraná, Castro. Holotype ♂, Departamento de Zoologia, São Paulo; ♀ undescribed).

Distribution: Brazil (type-locality).

nitida Moreira, 1932: 279-280, figs. 3-4 (forceps and pronotum; type-locality, Brazil, Santa Catarina, Blumenau. Holotype ♀, Departamento de Zoologia, São Paulo; ♂ undescribed); Ribeiro, 1937: 37 (questionable record from Pernambuco).

Distribution: Brazil (Santa Catarina and (?) Pernambuco).

peregrina Mjoeberg, 1904: 131-132 (*Anisolabis*; description based on holotype ♀, collected in Stockholm, Sweden, imported from Brazil, Mato Grosso, Santa Ana. Holotype in Stockholm Museum; ♂ undescribed); Hebard, 1920a: 339 (record from French Guiana).

Distribution: Brazil (Mato Grosso) and French Guiana.

stali Dohrn, 1864: 286 (*Forcinella*; type-locality, "Java". Holotype ♀, Stockholm Museum); Hebard, 1923b: 206; Townes, 1946: 47 (record from Florida).

minuta Caudell, 1907a: 168 (*Anisolabis*; type-locality, Puerto Rico, Arroyo. Holotype ♂ and allotype ♀, United States National Museum); Burr, 1910b: 447 (suggested synonymy with *stali* Dohrn); 1911e: 31 (Costa Rican record); Caudell, 1922: 20 (*Anisolabis*); Hebard, 1923b: 206 (proposed synonymy with *stali* Dohrn); Menozzi, 1931: 322-323, fig. 2 (male genitalia).

Distribution: Oriental Region, Madagascar, Antilles, Costa Rica and United States (Florida).

tatei Hebard, 1924: 114-115, pl. 5, figs. 1-2 (dorsal and lateral view of distal part of abdomen; type-locality, Ecuador, Chimborazo, Chaguarpata. Holotype ♀ and allotype ♂, Academy of Natural Sciences, Philadelphia).

Distribution: Ecuador (type-locality).

Anisolabis Fieber, 1853

Anisolabis Fieber, 1853: 257 (type-species, *Forficula maritima* Gené, designated by Scudder, 1876d: 289); Kirby, 1891: 516 (proposed synonymy with *Forcinella* Dohrn, pars and *Brachylabis* Dohrn, pars); Burr, 1910c: 176-178 (revision with key to species); 1911e: 27, 28-29; Popham & Brindle, 1966c: 272 (see for non-Neotropical synonymy).

Forcinella Dohrn, 1862: 226 (type-species, *Forficula maritima* Gené, by original designation).

Distribution: Cosmopolitan.

advena Meinert, 1868: 279, pl. 12, figs. 5-8, 15 (*Labidura*; type-locality, Jamaica, "Haunioe". Types, ♂ and ♀, location unknown); Burr, 1911e: 30 (? *Anisolabis*).

Distribution: Jamaica (type-locality).

caeca Borelli, 1902: 2-4, fig. (dorsal view of female; type-locality, Argentina, Santa Fé, Sunchales. Types, 1 ♂ and 1 ♀, Turin Museum); Burr, 1910c: 176 (in key); Hincks, 1949: 629.

Distribution: Argentina (type-locality).

maritima Gené, 1832: 9-10 (*Forficula*; type-locality, "France". Types, ♂ and ♀, location unknown); Scudder, 1876d: 303-304 (notes); Burr, 1910c: 178 (in key); Rehn & Hebard, 1917: 638 (distribution in the West Indies); Morse, 1920: 288-290, pl. 13, figs. 12-14 (male and female forceps and antenna).

Distribution: Cosmopolitan; South America, Central America, West Indies and United States.

surinamensis Boeseman, 1954: 41-42, figs. 11a-e (details of male; type-locality, Surinam, Lucie River. Holotype ♂ and allotype ♀, Amsterdam Museum).

Distribution: Surinam (type-locality).

Subfamily GONOLABINAE

Gonolabinae; Popham & Brindle, 1966c: 277.

Gonolabina Verhoeff, 1902

Gonolabina Verhoeff, 1902b: 8 (type-species, *Gonolabina kuhlgatzi* Verhoeff, by monotypy); Burr, 1904: 294; 1911e: 26 (in *Esphalmeninae*); Popham & Brindle, 1966c: 277.

Distribution: Chile.

spectabilis Philippi, 1863: 218 (*Forficula*; type-locality, Chile, "Santiago". Types, ♂ and ♀, Santiago Museum); Burr, 1911e: 30 (*Anisolabis*); Rehn, 1933a: 162.

kuhlgatzi Verhoeff, 1902b: 8-9 (type-locality, Chile, Concepción, Tumbes. Types, 2 ♂ and 2 ♀, Berlin Museum); Burr, 1911e: 26, pl. 2, figs. 11, 11a (abdomen, forceps and sternum of male); Rehn, 1933a: 162, 163 (proposed synonymy with *spectabilis* Philippi).

Distribution: Chile.