

# Host plants of Cerambycidae and Vesperidae (Coleoptera, Chrysomeloidea) from South America

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ABSTRACT. Host plants of Cerambycidae and Vesperidae (Coleoptera, Chrysomeloidea) from South America. This paper offers a contribution to the knowledge on host plants of Cerambycidae and Vesperidae (Coleoptera, Chrysomeloidea) from South America. A total of 211 species of longhorn beetles belonging to 111 genera, 49 tribes, five subfamilies and two families are presented with records of host plants. Data on 259 species of host plants distributed among 188 genera and 69 families are listed with the beetle species.

KEYWORDS. Cerambycinae; host plants; Lamiinae; Leguminosae; new records.

RESUMO. Plantas-hospedeiras de Cerambycidae e Vesperidae (Coleoptera, Chrysomeloidea) da América do Sul. Uma contribuição ao conhecimento de plantas-hospedeiras das famílias Cerambycidae e Vesperidae (Coleoptera, Chrysomeloidea) da América do Sul é apresentada. Listam-se 211 espécies com registros de plantas hospedeiras, distribuídas em 111 gêneros, 49 tribos, cinco subfamílias e duas famílias. Os dados de plantas-hospedeiras associadas aos besouros totalizam 259 espécies distribuídas em 188 gêneros e 69 famílias.

PALAVRAS-CHAVE. Cerambycinae; Lamiinae; Leguminosae; novos registros; plantas-hospedeiras.

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The family Cerambycidae consists of 35,000 species worldwide (Monné *et al.* 2009), commonly known as longhorn or timber beetles. These beetles are typically characterized by long antennae used mainly to detect pheromones, allowing mating and the localization of the appropriate host plant for oviposition (Martins 1997).

Napp (1994) recognized nine subfamilies: Anoplodermatinae, Aseminae, Cerambycinae, Lamiinae, Lepturinae, Parandrinae, Philinae, Prioninae and Spondylidinae. Svácha *et al.* (1997) transferred Anoplodermatinae to Vesperidae. Bouchard *et al.* (2011) confirmed the position of Vesperidae at family level and recognized nine subfamilies: Apatophyseinae, Cerambycinae, Dorcasominae, Lamiinae, Lepturinae, Necydalinae, Parandrinae, Prioninae and Spondylidinae.

The larvae of longhorn beetles feed on dead, dying or decaying wood, but some species feed on living plant tissue and can cause considerable economic harm (Martins 1997). For example, *Phoracantha semipunctata* (Fabricius, 1775) feeds on *Eucalyptus* sp., *Hedypathes betulinus* (Klug, 1825), on mate (*Ilex paraguariensis* Saint Hilaire, 1822), and *Oncideres impluviata* (Germar, 1824) on black wattle (*Acacia* sp.) (Monné 2001b-c, 2002a). Longhorn beetles are also fundamental to the decomposition of dead wood, incorporating plant parts to the ground and allowing the renewal of forests by opening spaces and consequent seed germination (Tavakilian *et al.* 1997).

The only catalogue of host plants of the families Cerambycidae and Vesperidae was printed about ten years ago (Monné 2001a-c, 2002a-b, 2004). As many papers that propose new taxa and offer new information have since been published,

we have updated this catalogue of host plants of Cerambycidae and Vesperidae from South America.

## MATERIAL AND METHODS

All relevant literature was extensively consulted. Host plant data sets not found in Monné (2001a-c, 2002a-b, 2004) are listed here. Host nomenclature was entirely drawn from the online checklist “The Plant List” (2010), which is joint effort of the Royal Botanic Gardens, Kew (United Kingdom) and the Missouri Botanical Garden (United States).

The taxa are listed in alphabetical order, including one introduced species marked with an asterisk. The checklist is composed only of references of hosts.

## RESULTS

A total of 211 species of longhorn beetles distributed among 111 genera, 49 tribes, five subfamilies and two families are recorded. Vesperidae, with the smallest number of records, has host data for only two species of Anoplodermatini, subfamily Anoplodermatinae. The remaining taxa belong to Cerambycidae.

### CERAMBYCIDAE

#### CERAMBYCINAE

##### Achrysonini

##### *Achryson maculatum* Burmeister, 1865

Di Iorio, 2006: 162

Host-LEGUMINOSAE – *Acacia caven* (Molina) Molina

***Achryson peracchii* Martins, 1976**

Martins, 2002: 139

Host-LEGUMINOSAE – *Piptadenia* sp.***Achryson surinamum* (Linnaeus, 1767)**

Di Iorio, 2006: 162; Di Iorio &amp; Farina, 2009: 80

Hosts-ANACARDIACEAE – *Schinus molle* L.; JUGLANDACEAE – *Carya illinoensis* (Wangenh.) K. Koch; LEGUMINOSAE – *Bauhinia forficata* subsp. *pruinosa* (Vogel) Fortunato & Wunderlin, *Prosopis alpataco* Phil.; MELIACEAE – *Melia azedarach* L.; MORACEAE – *Ficus carica* L.; RHAMNACEAE – *Colletia paradoxa* (Spreng.) Escal.; TAMARICACEAE – *Tamarix gallica* L.; ULMACEAE – *Ulmus pumila* L.

***Achryson undulatum* Burmeister 1865**

Di Iorio &amp; Farina, 2009: 81

Hosts-LEGUMINOSAE – *Enterolobium contortisiliquum* (Vell.) Morong, *Gleditsia triacanthos* L.; MORACEAE – *Morus nigra* L.

***Huequenya livida* (Germain, 1898)**Villacide *et al.*, 2006: 122Host-PINACEAE – *Pinus contorta* var. *murrayana* (Balf.) S. Watson**Basipterini*****Basiptera castaneipennis* Thomson, 1864**

Di Iorio, 2006: 168

Host-LEGUMINOSAE – *Prosopis flexuosa* DC.**Callidini*****Calydon submetallicum* (Blanchard, 1851)**

Rizzuto, 2009: 391

Hosts-LAURACEAE – *Persea lingue* (Miers ex Bertero) Nees; NOTHOFAGACEAE – *Nothofagus antarctica* (G.Forst.) Oerst., *N. betuloides* (Mirb.) Oerst., *N. glauca* (Phil.) Krasser; WINTERACEAE – *Drimys winteri* J. R. Forst. & G.Forst.

**Cerambycini*****Sphallenum tuberosum* Bates, 1870**Zanuncio *et al.*, 2005: 339

Hosts-MALPIGHIACEAE – *Stigmaphyllon* sp.; MYRTACEAE – *Eucalyptus cloeziana* F.Muell., *E. grandis* W.Hill.

**Clytini*****Megacyllene (Megacyllene) nebulosa* (Laporte & Gory, 1836)**

Di Iorio, 2006: 165

Hosts-LEGUMINOSAE – *Geoffroea decorticans* (Hook. & Arn.) Burkart, *Prosopis flexuosa* DC.

***Megacyllene (Megacyllene) acuta* (Germar, 1821)**

Di Iorio &amp; Farina, 2009: 87

Hosts-CANNABACEAE – *Celtis ehrenbergiana* (Klotzsch) Liebm.; JUGLANDACEAE – *Carya illinoensis* (Wangenh.) K.Koch.

***Neoclytus ypsilon* Chevrolat, 1862**

Di Iorio, 2006: 166; Di Iorio &amp; Farina, 2009: 87

Hosts-ALTINGIACEAE – *Liquidambar styraciflua* L.; ANACARDIACEAE – *Schinus myrtifolia* (Griseb.) Cabrera; FAGACEAE – *Quercus robur* L.; JUGLANDACEAE – *Carya illinoensis* (Wangenh.) K.Koch; LEGUMINOSAE – *Gleditsia triacanthos* L.; MORACEAE – *Morus alba* L., *Morus nigra* L.; ROSACEAE – *Mespilus germanica* L.

**Compsocerini*****Aglaoschema albicorne* (Fabricius, 1801)**Dalens *et al.*, 2010: 94

Hosts-LEGUMINOSAE – *Inga* sp., *Pseudopiptadenia suaveolens* (Miq.) J. W. Grimes

***Aglaoschema quieci*****Dalens, Tavakilian, & Touroult, 2010**Dalens *et al.*, 2010: 88Host-LEGUMINOSAE – *Vouacapoua americana* Aubl.***Compsocerus violaceus* (White, 1853)**

Di Iorio, 2006: 163; Di Iorio &amp; Farina, 2009: 82

Hosts-ANACARDIACEAE – *Schinopsis balansae* Engl., *Schinus molle* L.; CELASTRACEAE – *Euonymus japonicus* Thunb.; FAGACEAE – *Castanea sativa* Mill., *Quercus robur* L.; JUGLANDACEAE – *Carya illinoensis* (Wangenh.) K. Koch; LAURACEAE – *Laurus nobilis* L.; LEGUMINOSAE – *Acacia dealbata* Link, *A. melanoxylon* R. Br., *A. visco* Griseb., *Anadenanthera colubrina* var. *cebil* (Griseb.) Altschul, *Bauhinia forficata* subsp. *pruinosa* (Vogel) Fortunato & Wunderlin, *Calliandra tweedii* Benth., *Cercis siliquastrum* L., *Mimosa polycarpa* var. *spgazzinii* Burkart, *Prosopis affinis* Spreng., *P. nigra* Hieron., *Sesbania virgata* (Cav.) Pers.; LYTHRACEAE – *Punica granatum* L.; OLEACEAE – *Ligustrum lucidum* W.T.Aiton; PINACEAE – *Pinus* sp.; ROSACEAE – *Cerasus vulgaris* Mill., *Crataegus* sp., *Mespilus germanica* L., *Prunus domestica* L., *Rosa* sp.; RUTACEAE – *Citrus aurantium* L., *C. limon* (L.) Burm. f., *C. sinensis* (L.) Osbeck; SALICACEAE – *Salix fragilis* L.; SAPINDACEAE – *Dodonaea viscosa* Jacq.; SAPOTACEAE – *Chrysophyllum gonocarpum* (Mart. & Eichler ex Miq.) Engl.; ULMACEAE – *Ulmus pumila* L.

**Ectenessini*****Eurymerus eburioides* Audinet-Serville 1833**

Di Iorio &amp; Farina, 2009: 81

Host-CANNABACEAE – *Celtis ehrenbergiana* (Klotzsch) Liebm.**Elaphidiini*****Curtomerus flavus* (Fabricius, 1775)**

Morris, 2002: 210

Host-ACANTHACEAE – *Avicennia germinans*. (L.) L.***Eurysthea hirca* (Berg, 1889)**

Di Iorio &amp; Farina, 2009: 81

Host-LEGUMINOSAE – *Acacia visco* Griseb.***Paranyssicus tresorensis* Dalens, 2011**

Dalens, 2011: 32

Host-ANACARDIACEAE – *Anacardium* sp.

**Hesperophanini*****Ochrus ornatus* (Fisher, 1935)**

Chalumeau &amp; Touroult, 2005: 85

Host-LAURACEAE – *Ocotea* sp.**Heteropsini*****Erythrochiton jucundum* (Gounelle, 1913)**

Di Iorio &amp; Farina, 2009: 87

Host-LEGUMINOSAE – *Acacia caven* (Molina) Molina**Hexoplonini*****Gnomidolon varians* Gounelle, 1909**

Di Iorio, 2006: 166

Hosts-BIGNONIACEAE – *Arrabidaea* sp., *Dolichandra unguis-cati* (L.) L.G.Lohmann.***Tapuruia felisbertoi* Lane, 1973**

Martins, 2006: 53; Casari &amp; Steffanello, 2010: 425

Host-EUPHORBIACEAE – *Hevea brasiliensis* (Willd. ex A.Juss.) Müll.Arg.***Tetraibidion aurivillii* (Gounelle, 1909)**

Di Iorio, 2006: 167

Host-BIGNONIACEAE – *Arrabidaea* sp.**Methiini*****Methia fischeri* Melzer, 1923**

Di Iorio, 2006: 161

Host-LEGUMINOSAE – *Acacia aroma* Hook. & Arn.**Nathriini*****Nathrius brevipennis* (Mulsant, 1839)**

Di Iorio &amp; Farina, 2009: 86

Hosts-MORACEAE – *Morus* sp.; PASSIFLORACEAE – *Passiflora caerulea* L.**Neoibidionini*****Compsa nebulosa* Martins, 1970**

Di Iorio, 1997: 154

Host-SAPINDACEAE – *Serjania foveata* Griseb.***Compsibidion fairmairei* (Thomson, 1865)**

Di Iorio &amp; Farina, 2009: 86

Host-SAPINDACEAE – *Cardiospermum grandiflorum* Sw.***Heterachthes flavicornis* (Thomson, 1865)**

Di Iorio &amp; Farina, 2009: 86

Hosts-FAGACEAE – *Quercus palustris* Münchh., *Q. robur* L.; JUGLANDACEAE – *Carya illinoensis* (Wangenh.) K. Koch; LEGUMINOSAE – *Acacia melanoxylon* R. Br., *Anadenanthera colubrina* var. *cebil*(Griseb.) Altschul, *Mimosa polycarpa* var. *spgazzinii* Burkart; MELIACEAE – *Melia azedarach* L.; MORACEAE – *Ficus carica* L.; MYRTACEAE – *Acca sellowiana* (O.Berg) Burret; ROSACEAE – *Mespilus germanica* L.; SALICACEAE – *Salix fragilis* L.***Heterachthes plagiatus* (Burmeister, 1865)**

Di Iorio &amp; Farina, 2009: 86

Hosts-CANNABACEAE – *Celtis australis* L.; LEGUMINOSAE – *Acacia visco* Griseb.; RHAMNACEAE – *Colletia paradoxa* (Spreng.) Escal.; SAPINDACEAE – *Dodonaea viscosa* Jacq.***Heterachthes tenellus* (Burmeister, 1865)**

Di Iorio, 2006: 166

Host-ANACARDIACEAE – *Schinus myrtifolia* (Griseb.) Cabrera***Heterachthes xenocerus* Martins 1960**

Di Iorio &amp; Farina, 2009: 87

Host-RHAMNACEAE – *Colletia paradoxa* (Spreng.) Escal.***Neocompsa cylindricollis* (Fabricius, 1798)**

Touroult, 2004: 130; Chalumeau &amp; Touroult, 2005: 109

Hosts-ANACARDIACEAE – *Mangifera indica* L.; COMBRETACEAE – *Conocarpus erectus* L.; ELAEOCARPACEAE – *Sloanea macrophylla* Spruce ex Benth.; EUPHORBIACEAE – *Croton flavens* L., *Hippomane mancinella* L.; LEGUMINOSAE – *Acacia cornigera* (L.) Willd., *A. tortuosa* (L.) Willd., *Hymenaea courbaril* L., *Inga ingoides* (Rich.) Willd., *I. laurina* (Sw.) Willd., *Leucaena leucocephala* (Lam.) de Wit, *Lonchocarpus punctatus* Kunth., *Pithecellobium unguis-cati* (L.) Benth., *Tamarindus indica* L.; MORACEAE – *Ficus* sp.***Sydax stramineus* Lacordaire, 1868**

Di Iorio, 2006: 161

Host-LEGUMINOSAE – *Acacia nitidifolia* Speg.**Obriini*****Obrium multifarium* Berg, 1889**

Di Iorio, 1994: 21; 1997: 152, 153, 154; González &amp; Di Iorio, 1997: 172, 173; Di Iorio, 2006: 167

Hosts-CANNABACEAE – *Celtis ehrenbergiana* (Klotzsch) Liebm., *C. iguanaea* (Jacq.) Sarg.; CUCURBITACEAE – *Siolmatra brasiliensis* (Cogn.) Baill.; RHAMNACEAE – *Ziziphus mistol* Griseb.***Obrium trifasciatum* Bosq, 1951**

Di Iorio, 1994: 21; González &amp; Di Iorio, 1997: 172

Host-RHAMNACEAE – *Ziziphus mistol* Griseb.***Obrium vicinum* Gounelle, 1909**

Duffy, 1960: 141; Di Iorio, 1997: 152

Hosts-CUCURBITACEAE – *Siolmatra brasiliensis* (Cogn.) Baill.; PODOCARPACEAE – *Podocarpus andina* Poepp. ex Endl.**Oemini*****Temnopsis martinezi* Martins, 1985**

Di Iorio, 2006: 161

Hosts-LEGUMINOSAE – *Acacia aroma* Hook. & Arn., *Prosopis alba* Griseb., *P. torquata* (Lag.) DC.

**Rhinotragini*****Acatanga gallardi*****(Peñaherrera-Leiva & Tavakilian, 2004)**

Peñaherrera-Leiva &amp; Tavakilian, 2004: 126; Tavakilian &amp; Peñaherrera-Leiva, 2007: 100

Host-CELASTRACEAE – *Maytenus* sp.***Carenopteromerus guyanensis*****(Tavakilian & Peñaherrera-Leiva, 2003)**

Tavakilian &amp; Peñaherrera-Leiva, 2003a: 280; Tavakilian &amp; Peñaherrera-Leiva, 2007: 81

Host-SAPOTACEAE – *Ecclinusa guianensis* Eyma***Chrysaethe jorgei*****(Tavakilian & Peñaherrera-Leiva, 2003)**

Tavakilian &amp; Peñaherrera-Leiva, 2003a: 305; 2007: 94

Host-ANNONACEAE – *Oxandra asbeckii* (Pulle) R.E.Fr.***Chrysommata lauracea*****(Peñaherrera-Leiva & Tavakilian, 2003)**

Peñaherrera-Leiva &amp; Tavakilian, 2003: 193; Tavakilian &amp; Peñaherrera-Leiva, 2007: 94

Host-LAURACEAE – *Mezilaurus ita-uba* (Meisn.) Taub. ex Mez.***Eclipta amanoaphila*****(Peñaherrera-Leiva & Tavakilian, 2003)**

Peñaherrera-Leiva &amp; Tavakilian, 2003: 201; Tavakilian &amp; Peñaherrera-Leiva, 2007: 97

Host-PHYLLANTHACEAE – *Amanoa guianensis* Aubl.***Eclipta bauhiniæ*****(Peñaherrera-Leiva & Tavakilian, 2004)**

Peñaherrera-Leiva &amp; Tavakilian, 2004: 138; Tavakilian &amp; Peñaherrera-Leiva, 2007: 97

Host-LEGUMINOSAE – *Bauhinia guianensis* Aubl.***Eclipta eperuaphila*****(Tavakilian & Peñaherrera-Leiva, 2005)**

Tavakilian &amp; Peñaherrera-Leiva, 2005: 31

Host-LEGUMINOSAE – *Eperua rubiginosa* Miq.***Eclipta fanchonæ*****(Tavakilian & Peñaherrera-Leiva, 2003)**

Tavakilian &amp; Peñaherrera-Leiva, 2003a: 293

Host-LEGUMINOSAE – *Zygia racemosa* (Ducke) Barneby & J. W. Grimes.***Eclipta taraleaphila*****(Tavakilian & Peñaherrera-Leiva, 2003)**

Tavakilian &amp; Peñaherrera-Leiva, 2003a: 294

Host-LEGUMINOSAE – *Taralea oppositifolia* Aubl.***Ecliptoides rouperti*****(Tavakilian & Peñaherrera-Leiva, 2005)**

Tavakilian &amp; Peñaherrera-Leiva, 2005: 38

Hosts-LEGUMINOSAE – *Ormosia nobilis* Tul., *Vatairea paraensis* Ducke.***Epimelitta durantoni*****Peñaherrera-Leiva & Tavakilian, 2003**

Peñaherrera-Leiva &amp; Tavakilian, 2003: 206

Host-LEGUMINOSAE – *Pseudopiptadenia suaveolens* (Miq.) J. W. Grimes.***Etimasu cosmipes*****(Peñaherrera-Leiva & Tavakilian, 2003)**

Peñaherrera-Leiva &amp; Tavakilian, 2003: 183

Hosts-LAURACEAE – *Aniba parviflora* (Meisn.) Mez, *Licaria chrysophylla* (Meisn.) Kosterm., *Misanteca martiniana* (Mez) Lundell.***Ischasia ecclinusæ*****Peñaherrera-Leiva & Tavakilian, 2004**

Peñaherrera-Leiva &amp; Tavakilian, 2004: 120

Host-SAPOTACEAE – *Ecclinusa guianensis* Eyma.***Ischasia feuilleti*****Peñaherrera-Leiva & Tavakilian, 2003**

Peñaherrera-Leiva &amp; Tavakilian, 2003: 194

Host-SAPOTACEAE – *Chrysophyllum sanguinolentum* (Pierre) Baehni***Ischasia mareki*****Peñaherrera-Leiva & Tavakilian, 2004**

Peñaherrera-Leiva &amp; Tavakilian, 2004: 124

Hosts-SAPOTACEAE – *Chrysophyllum lucentifolium* Cronquist, *C. prieurii* A. DC., *Ecclinusa guianensis* Eyma, *Micropholis guyanensis* (A. DC.) Pierre, *M. obscura* T. D. Penn., *Pouteria cayennensis* (A. DC.) Eyma, *P. oblancoolata* Pires.***Ischasia pouteriæ*****Peñaherrera-Leiva & Tavakilian, 2004**

Peñaherrera-Leiva &amp; Tavakilian, 2004: 123

Host-SAPOTACEAE – *Pouteria* sp.***Ischasia sabatieri*****Peñaherrera-Leiva & Tavakilian, 2004**

Peñaherrera-Leiva &amp; Tavakilian, 2004: 122

Host-SAPOTACEAE – *Micropholis venulosa* (Mart. & Eichler ex Miq.) Pierre.***Ischasia viridithorax*****Peñaherrera-Leiva & Tavakilian, 2004**

Peñaherrera-Leiva &amp; Tavakilian, 2004: 121

Host-SAPOTACEAE – *Ecclinusa guianensis* Eyma.***Odontocera annulicornis* Magno, 2001**

Tavakilian &amp; Peñaherrera-Leiva, 2003a: 286

Hosts-LEGUMINOSAE – *Bocoa prouacensis* Aubl., *Chamaecrista*

*apoucouita* (Aubl.) H. S. Irwin & Barneby, *Crudia aromatica* (Aubl.) Willd., *C. bracteata* Benth., *Swartzia panacoco* (Aubl.) Cowan, *S. polyphylla* DC., *S. remiger* Amshoff.

***Odontocera barnouini***

**Peñaherrera-Leiva & Tavakilian, 2003**

Peñaherrera-Leiva & Tavakilian, 2003: 171

Host-POLYGONACEAE – *Coccoloba ascendens* Duss ex Lindau.

***Odontocera flavicauda* Bates 1873**

Di Iorio & Farina, 2009: 85

Hosts-RHAMNACEAE – *Colletia paradoxa* (Spreng.) Escal.; SAPINDACEAE – *Dodonaea viscosa* Jacq.

***Odontocera javieri***

**Tavakilian & Peñaherrera-Leiva, 2003**

Tavakilian & Peñaherrera-Leiva, 2003a: 287

Hosts-LEGUMINOSAE – *Dipteryx punctata* (S.F.Blake) Amshoff, *Taralea oppositifolia* Aubl.

***Odontocera morii***

**Tavakilian & Peñaherrera-Leiva, 2003**

Tavakilian & Peñaherrera-Leiva, 2003a: 289

Host-LEGUMINOSAE – *Ormosia nobilis* Tul.

***Odontocera nigrovittata***

**Tavakilian & Peñaherrera-Leiva, 2003**

Tavakilian & Peñaherrera-Leiva, 2003a: 283

Host-CONNARACEAE – *Connarus* sp.

***Odontocera quiinaphila***

**Peñaherrera-Leiva & Tavakilian, 2003**

Peñaherrera-Leiva & Tavakilian, 2003: 167

Host-OCHNACEAE – *Quiina oiapocensis* Pires.

***Odontocera sabatieri***

**Tavakilian & Peñaherrera-Leiva, 2003**

Tavakilian & Peñaherrera-Leiva, 2003a: 289

Host-LEGUMINOSAE – *Inga alba* (Sw.) Willd.

***Ommata elegans* White, 1855**

Tavakilian & Peñaherrera-Leiva, 2007: 100

Host-SAPINDACEAE – *Serjania brachycarpa* A. Gray ex Radlk..

***Phygopoda ingae***

**Peñaherrera-Leiva & Tavakilian, 2004**

Peñaherrera-Leiva & Tavakilian, 2004: 143

Host-LEGUMINOSAE – *Inga alba* (Sw.) Willd.

***Phygopoides pradosiae***

**Peñaherrera-Leiva & Tavakilian, 2003**

Peñaherrera-Leiva & Tavakilian, 2003: 187

Hosts-SAPOTACEAE – *Pouteria cayennensis* (A.DC.) Eyma, *Pradosia cochlearia* (Lecomte) T. D. Penn.

***Rhopalessa clavicornis* (Bates, 1873)**

Di Iorio, 2006: 164; Di Iorio & Farina, 2009: 85

Hosts-LEGUMINOSAE – *Acacia bonariensis* Hook. & Arn., *A. nitidifolia* Speg.; MELIACEAE – *Melia azedarach* L.

**Rhopalophorini**

***Dihammaphora bruchi* Aurivillius, 1922**

Di Iorio, 2006: 165

Hosts-CANNABACEAE – *Celtis ehrenbergiana* (Klotzsch) Liebm., *C. iguanaea* (Jacq.) Sarg.; MORACEAE – *Morus nigra* L.

***Dihammaphora signaticollis* Chevrolat, 1859**

Galileo & Martins, 2006: 164

Host-FAGACEAE – *Castanea sativa* Mill.

***Dirocoremia bruchi* (Gounelle, 1905)**

Di Iorio, 2006: 164

Hosts-LEGUMINOSAE – *Prosopis flexuosa* DC., *P. torquata* (Lag.) DC.

***Ischionodonta platensis* (Chevrolat, 1859)**

Di Iorio, 2006: 164; Di Iorio & Farina, 2009: 87

Host-CANNABACEAE – *Celtis ehrenbergiana* (Klotzsch) Liebm.

**Smodicini**

**\**Smodicum cucujiforme* (Say, 1826)**

MacRae & Rice, 2007: 244

Hosts-FAGACEAE – *Quercus velutina* Lam.; ULMACEAE – *Ulmus rubra* Muhl.

**Trachyderini**

***Andraegoidus rufipes* (Fabricius, 1787)**

Fernandes & Santos, 2009: 155

Host-VERBENACEAE – *Lantana camara* L.

***Chydarteres striatus striatus* (Fabricius, 1787)**

Di Iorio & Farina, 2009: 88

Hosts-CASUARINACEAE – *Casuarina cunninghamiana* Miq.; JUGLANDACEAE – *Carya illinoensis* (Wangenh.) K.Koch; LEGUMINOSAE – *Acacia caven* (Molina) Molina, *Gleditsia triacanthos* L.; MORACEAE – *Morus nigra* L.; SALICACEAE – *Salix babylonica* L.; SAPINDACEAE – *Dodonaea viscosa* Jacq.

***Dorcacerus barbatus* (Olivier, 1790)**

Di Iorio, 2006: 167; Fernandes & Santos, 2009: 155

Hosts-LEGUMINOSAE – *Prosopis flexuosa* DC.; VERBENACEAE – *Lantana camara* L.

***Eriocharis richardii* (Dupont, 1838)**

Di Iorio, 2006: 167; Di Iorio & Farina, 2009: 88

Hosts-LEGUMINOSAE – *Gleditsia triacanthos* L., *Prosopis alpacato* Phil.

***Oxymerus aculeatus lebasii* Dupont, 1838**

Touroult, 2004: 130; Chalumeau & Touroult, 2005: 133; Fonseca *et al.*, 2008: 510



Hosts-COMBRETACEAE – *Conocarpus erectus* L.; LEGUMINOSAE – *Albizzia* sp., *Inga ingoides* (Rich.) Willd., *I. laurina* (Sw.) Willd., *Mimosa pudica* L.; MORACEAE – *Artocarpus altilis* (Parkinson ex F.A.Zorn) Fosberg; SOLANACEAE – *Solanum erianthum* D. Don.

***Oxymerus basalis* (Dalman, 1823)**

Zanuncio *et al.*, 2009: 179

Host-MYRTACEAE – *Eucalyptus* sp.

***Oxymerus luteus australis* Huedepohl 1979**

Di Iorio & Farina, 2009: 88

Hosts-LEGUMINOSAE – *Gleditsia triacanthos* L., *Parkinsonia aculeata* L.; ROSACEAE – *Pyrus communis* L.

***Oxymerus pallidus* Dupont, 1838**

Di Iorio, 2006: 167

Host-SAPOTACEAE – *Sideroxylon obtusifolium* subsp. *obtusifolium*

***Oxymerus virgatus* Gounelle, 1913**

Di Iorio, 2006: 167

Host-LEGUMINOSAE – *Geoffroea decorticans* (Hook. & Arn.) Burkart.

***Retrachydes thoracicus sulcatus* (Burmeister, 1865)**

Di Iorio, 2006: 168

Hosts-LEGUMINOSAE – *Acacia furcatispina* Burkart, *A. visco* Griseb.

***Retrachydes thoracicus thoracicus* (Olivier, 1790)**

Monné *et al.*, 2002: 27

Host-SALICACEAE – *Salix* sp.

***Trachyderes (Trachyderes) succinctus duponti*  
Aurivillius, 1912**

Fernandes & Santos, 2009: 155

Host-VERBENACEAE – *Lantana camara* L.

**Unxiini**

***Ethemon basale* (Burmeister, 1865)**

Di Iorio, 2006: 164

Host-ANACARDIACEAE – *Schinopsis balansae* Engl.

***Ethemon brevicorne* Napp & Reynaud, 1998**

Di Iorio, 2006: 164

Host-LEGUMINOSAE – *Prosopis alba* Griseb.

***Unxia gracilior* (Burmeister, 1865)**

Monné *et al.*, 2002: 67; Di Iorio & Farina, 2009: 85

Hosts-MYRTACEAE – *Eucalyptus camaldulensis* Dehnh.; ROSACEAE – *Malus* sp.

***Paromoeocerus barbicornis* (Fabricius, 1792)**

Di Iorio & Farina, 2009: 83

Hosts-ANACARDIACEAE – *Schinus molle* L.; CELASTRACEAE – *Euonymus japonicus* Thunb.; EUPHORBIACEAE – *Sapium haematospermum* Müll.Arg.; FAGACEAE – *Castanea sativa* Mill., *Quercus palustris* Münchh., *Q. robur* L.; JUGLANDACEAE – *Carya illinoensis* (Wangenh.)

K. Koch, *Juglans regia* L.; LEGUMINOSAE – *Acacia caven* (Molina) Molina, *Anadenanthera colubrina* var. *cebil* (Griseb.) Altschul, *Gleditsia triacanthos* L., *Mimosa polycarpa* var. *spgazzinii* Burkart, *Prosopis torquata* (Lag.) DC., *Sesbania virgata* (Cav.) Pers.; LYTHRACEAE – *Punica granatum* L.; MORACEAE – *Ficus carica* L.; ROSACEAE – *Mespilus germanica* L., *Rosa* sp.; RUTACEAE – *Citrus limon* (L.) Burm. f.; ULMACEAE – *Ulmus pumila* L.

**LAMIINAE**

**Acanthocinini**

***Baryssiniella hieroglyphica* Berkov & Monné, 2010**

Berkov & Monné, 2010: 54

Hosts-LECYTHIDACEAE – *Bertholletia excelsa* Bonpl., *Eschweilera coriacea* (DC.) S.A.Mori.

***Baryssiniella tavakiliani* Berkov & Monné, 2010**

Berkov & Monné, 2010: 57

Hosts-LECYTHIDACEAE – *Corythophora amapaensis* Pires ex S.A.Mori & Prance, *Eschweilera parviflora* (Aubl.) Miers.

***Eutrypanus dorsalis* (Germar, 1824)**

Di Iorio & Farina, 2009: 89

Host-MELIACEAE – *Melia azedarach* L.

***Hyperplatys argentina* (Berg, 1889)**

Di Iorio, 2004: 53; Di Iorio & Farina, 2009: 89

Hosts-APOCYNACEAE – *Araujia hortorum* E.Fourn., *Morrenia odorata* (Hook. & Arn.) Lindl.; MORACEAE – *Ficus carica* L., *Maclura pomifera* (Raf.) C. K. Schneid.

***Leptocometes virescens* (Melzer, 1931)**

Mecke, 2002: 30

Host-ARAUCARIACEAE – *Araucaria angustifolia* (Bertol.) Kuntze.

***Leptostylus perniciosus* Monné & Hoffmann, 1981**

Mecke, 2002: 26

Host-RUTACEAE – *Citrus sinensis* (L.) Osbeck.

***Lophopoeum bruchi* Monné & Martins, 1976**

Di Iorio, 2004: 53

Hosts-LEGUMINOSAE – *Acacia aroma* Hook. & Arn., *Enterolobium contortisiliquum* (Vell.) Morong, *Prosopis* sp., *P. caldenia* Burkart, *P. hassleri* Harms, *P. kuntzei* Kuntze.

***Lophopoeum timbouvae* Lameere, 1884**

Di Iorio, 2004: 54; Di Iorio & Farina, 2009: 90

Hosts-LEGUMINOSAE – *Acacia caven* (Molina) Molina, *Gleditsia triacanthos* L.

***Nealcidion bicristatum* (Bates, 1863)**

Olckers *et al.*, 2002: 257; Di Iorio, 2004: 54

Host-SOLANACEAE – *Solanum mauritianum* Scop.

***Nealcidion cereicola* (Fisher, 1936)**

Di Iorio, 2004: 55

Hosts-CACTACEAE – *Cereus hildmannianus* K.Schum., *C. respandus* (L.) Mill., *C. spgazzinii* F. A. C. Weber, *Echinopsis schickendantzii* F. A.

C. Weber; MORACEAE – *Ficus carica* L.

***Neobaryssinus altissimus* Berkov & Monné, 2010**

Berkov & Monné, 2010: 51

Host-LECYTHIDACEAE – *Lecythis poiteaui* O.Berg.

***Oectropsis francisciae* Barriga & Cepeda, 2005**

Barriga & Cepeda, 2005: 48

Hosts-NOTHOFAGACEAE – *Nothofagus alessandrii* Espinosa, *N. alpina* (Poepp. & Endl.) Oerst., *N. dombeyi* (Mirb.) Oerst., *N. obliqua* (Mirb.) Oerst.

***Trypanidius andicola* Blanchard, 1846**

Roddick *et al.*, 2009: 105

Host-EUPHORBIACEAE – *Hura crepitans* L.

***Trypanidius notatus* (Fabricius, 1787)**

Roddick *et al.*, 2009: 105

Host-EUPHORBIACEAE – *Hura crepitans* L.

***Urgleptes bruchi* (Melzer, 1932)**

Di Iorio, 2004: 56; Di Iorio & Farina, 2009: 90

Hosts-APOCYNACEAE – *Araujia hortorum* E.Fourn.; LEGUMINOSAE – *Spartium junceum* L.; MORACEAE – *Ficus carica* L., *Maclura pomifera* (Raf.) C.K.Schneid.; OLEACEAE – *Ligustrum sinense* Lour.

***Urgleptes mancus* (Melzer, 1932)**

Di Iorio & Farina, 2009: 90

Hosts-MALVACEAE – *Hibiscus syriacus* L.; MORACEAE – *Ficus carica* L.; PASSIFLORACEAE – *Passiflora caerulea* L.; SOLANACEAE – *Solanum glaucophyllum* Desf.

**Acanthoderini**

***Dryoctenes scrupulosus* (Germar, 1824)**

Di Iorio, 2004: 58

Hosts-MALVACEAE – *Ceiba insignis* (Kunth) P. E. Gibbs & Semir, *C. pubiflora* (A. St.-Hil.) K. Schum.; MORACEAE – *Ficus carica* L.

***Exalplus guaraniticus* (Lane, 1955)**

Di Iorio, 2004: 58

Host-MORACEAE – *Maclura tinctoria* (L.) D.Don ex Steud.

***Macropophora accentifer* (Olivier, 1795)**

Di Iorio, 2004: 61

Hosts-EUPHORBIACEAE – *Vernicia fordii* (Hemsl.) Airy Shaw; RUTACEAE – *Balfourodendron riedelianum* (Engl.) Engl.

***Nesozineus obscurus* Hoffmann, 1984**

Di Iorio, 2004: 59

Host-LEGUMINOSAE – *Prosopis flexuosa* DC.

***Oreodera aerumnosa* Erichson, 1847**

Tavakilian & Néouze, 2011: 97

Host-MORACEAE – *Morus nigra* L.

***Oreodera bituberculata* Bates, 1861**

Tavakilian & Néouze, 2011: 93

Hosts-APOCYNACEAE – *Couma guianensis* Aubl.; CLUSIACEAE – *Clusia scrobiculata* Benoist; OLACACEAE – *Chanochiton kappleri* (Sagot ex Engl.) Duce.

***Oreodera crinita* Monné & Fragoso, 1988**

Tavakilian & Néouze, 2011: 80

Host-LEGUMINOSAE – *Eperua rubiginosa* Miq.

***Oreodera griseozonata* Bates, 1861**

Tavakilian & Néouze, 2011: 81

Host-MORACEAE – *Bagassa guianensis* Aubl.

***Oreodera neglecta* Melzer, 1932**

Tavakilian & Néouze, 2011: 65

Host-BURSERACEAE – *Protium aracouchini* Marchand.

***Oreodera olivosimplex* Néouze & Tavakilian, 2010**

Néouze & Tavakilian, 2010: 61; Tavakilian & Néouze, 2011: 68

Hosts-CARYOCARACEAE – *Caryocar microcarpum* Duce; COMBRETACEAE – *Buchenavia nitidissima* (Rich.) Alwan & Stace.

***Oreodera sororcula* Martins & Monné, 1993**

Tavakilian & Néouze, 2011: 84

Host-CLUSIACEAE – *Symphonia globulifera* L. f.

***Penaherreraus guianensis***

**(Tavakilian & Peñaherrera-Leiva, 2003)**

Tavakilian & Peñaherrera-Leiva, 2003b: 10

Hosts-SAPOTACEAE – *Ecclinusa guianensis* Eyma, *Micropholis guyanensis* (A. DC.) Pierre.

***Penaherreraus pradosiae***

**(Tavakilian & Peñaherrera-Leiva, 2003)**

Tavakilian & Peñaherrera-Leiva, 2003b: 13

Hosts-SAPOTACEAE – *Pouteria* sp., *Pradosia cochlearia* (Lecomte) T. D. Penn., *P. ptychandra* (Eyma) T. D. Penn.

***Penaherreraus sarryi***

**(Tavakilian & Peñaherrera-Leiva, 2003)**

Tavakilian & Peñaherrera-Leiva, 2003b: 12

Hosts-SAPOTACEAE – *Chrysophyllum sanguinolentum sanguinolentum*, *Micropholis guyanensis* (A. DC.) Pierre, *Pouteria cayennensis* (A. DC.) Eyma.

***Psapharochrus jaspideus* (Germar, 1824)**

Di Iorio, 2004: 56; Di Iorio & Farina, 2009: 90

Hosts-ADOXACEAE – *Sambucus australis* Cham. & Schltdl.; ALTINGIACEAE – *Liquidambar styraciflua* L.; ANACARDIACEAE – *Schinus molle* L.; BETULACEAE – *Betula pubescens* var. *pubescens*; BIGNONIACEAE – *Handroanthus impetiginosus* (Mart. ex DC.) Mattos, *Jacaranda mimosifolia* D.Don; COMPOSITAE – *Baccharis dracunculifolia* DC.; CONVULVACEAE – *Ipomoea cairica* (L.) Sweet; EUPHORBIACEAE – *Euphorbia pulcherrima* Willd. ex Klotzsch, *Manihot esculenta* Crantz; JUGLANDACEAE – *Carya illinoensis* (Wangenh.) K.Koch; LEGUMINOSAE – *Acacia visco* Griseb., *Bauhinia forficata* subsp. *pruinosa* (Vogel) Fortunato & Wunderlin, *Geoffroea decorticans* (Hook. & Arn.) Burkart, *Gleditsia triacanthos* L., *Prosopis alba* Griseb., *P. nigra* Hieron.,

*Robinia pseudoacacia* L., *Spartium junceum* L., *Styphnolobium japonicum* (L.) Schott; LORANTHACEAE – *Tripodanthus acutifolius* (Ruiz & Pav.) Tiegh.; MALVACEAE – *Hibiscus mutabilis* L., *H. rosa-sinensis* L., *H. syriacus* L.; MELIACEAE – *Melia azedarach* L.; OLEACEAE – *Fraxinus americana* L.; PINACEAE – *Pinus patula* Schiede ex Schltdl. & Cham., *Pinus taeda* L.; ROSACEAE – *Mespilus germanica* L.; RUTACEAE – *Citrus aurantium* L., *C. limon* (L.) Burm. f., *C. sinensis* (L.) Osbeck; SALICACEAE – *Populus nigra* L., *Salix humboldtiana* Willd.; SAPINDACEAE – *Acer saccharinum* L.; ULMACEAE – *Ulmus pumila* L.

***Psapharochrus longispinis* (Bates, 1861)**

Abreu *et al.*, 2009: 432

Host-MALVACEAE – *Scleronema micranthum* (Ducke) Ducke

***Pycnomorphidiellus polyphagus***

**Tavakilian & Peñaherrera-Leiva, 2003**

Tavakilian & Peñaherrera-Leiva, 2003b: 16

Hosts-CHRYSOBALANACEAE – *Licania cyathodes* Benoist; LEGUMINOSAE – *Vouacapoua americana* Aubl.; PERACEAE – *Chaetocarpus schomburgkianus* (Kuntze) Pax & K.Hoffm.

***Steirastoma breve* (Sulzer, 1776)**

Di Iorio, 2004: 60

Host-SALICACEAE – *Salix humboldtiana* Willd.

***Steirastoma histrionica* White, 1855**

Vitali *et al.*, 2006

Hosts-MALVACEAE – *Ceiba pentandra* (L.) Gaertn., *Pachira quinata* (Jacq.) W. S. Alverson, *Sterculia apetala* (Jacq.) H. Karst.

***Steirastoma marmoratum* (Thunberg, 1822)**

Mecke, 2002: 28

Host-MYRTACEAE – *Eucalyptus* sp.

***Steirastoma melanogenys* White, 1855**

Abreu *et al.*, 2009: 432

Host-MALVACEAE – *Scleronema micranthum* (Ducke) Ducke.

**Acrocini**

***Acrocinus longimanus* (Linnaeus, 1758)**

Di Iorio, 2004: 61

Host-MORACEAE – *Maclura tinctoria* (L.) D.Don ex Steud.

**Aerenicini**

***Phaula thomsoni* Lacordaire, 1872**

Di Iorio, 2004: 64

Host-BIGNONIACEAE – *Jacaranda mimosifolia* D.Don.

**Agapanthiini**

***Hippopsis (Hippopsis) pertusa***

**Galileo & Martins, 1988**

Di Iorio, 2004: 64

Hosts-COMPOSITAE – *Xanthium cavanillesii* Schouw; LEGUMINOSAE – *Medicago sativa* L.

**Anisocerini**

***Anisocerus scopifer* (Germar, 1824)**

Di Iorio, 2004: 65

Host-LEGUMINOSAE – *Mimosa bimucronata* (DC.) Kuntze.

**Apomecynini**

***Adetus similis* Bruch, 1939**

Di Iorio, 2004: 65

Host-CUCURBITACEAE – *Cayaponia bonariensis* (Mill.) Mart.Crov.

***Asyngenes (Asyngenes) chalceolus* Bates, 1880**

Duffy, 1960: 271; Di Iorio & Farina, 2009: 93

Host-MORACEAE – *Ficus carica* L.

***Bebelis picta* Pascoe 1875**

Di Iorio & Farina, 2009: 94

Host-CUCURBITACEAE – *Cayaponia bonariensis* (Mill.) Mart.Crov.

***Bisaltes (Bisaltes) montevidensis* (Thomson, 1868)**

Di Iorio, 2004: 65

Host-SOLANACEAE – *Solanum glaucophyllum* Desf.

**Colobotheni**

***Colobothea berkovi* Monné & Monné, 2010**

Monné & Monné, 2010: 42

Host-LECYTHIDACEAE – *Gustavia augusta* L.

***Colobothea fasciata* Bates, 1865**

Di Iorio, 2004: 66

Host-MORACEAE – *Ficus* sp.

***Colobothea musiva* (Germar, 1824)**

Di Iorio, 2004: 66

Hosts-LEGUMINOSAE – *Mimosa bimucronata* (DC.) O. Kuntze; RUTACEAE – *Balfourodendron riedelianum* (Engl.) Engl.

***Colobothea poecila* (Germar, 1824)**

Di Iorio, 2004: 66

Hosts-LEGUMINOSAE – *Mimosa bimucronata* (DC.) O. Kuntze; RUTACEAE – *Balfourodendron riedelianum* (Engl.) Engl.

**Composomatini**

***Aerenea quadriplagiata* (Boheman, 1859)**

Di Iorio, 2004: 66

Hosts-COMPOSITAE – *Xanthium cavanillesii* Schouw; MYRTACEAE – *Eucalyptus viminalis* Labill.

***Composoma phaleratum* Thomson, 1857**

Giacomel, 1979: 98

Hosts-ANACARDIACEAE – *Schinus* sp., *S. terebinthifolius* Raddi; CLETHRACEAE – *Clethra scabra* Pers.; ERYTHROXYLACEAE –



*Erythroxylum havanense* Jacq.; MALVACEAE – *Luehea divaricata* Mart; RHAMNACEAE – *Scutia buxifolia* Reissek; SAPINDACEAE – *Allophylus edulis* (A. St.-Hil., A. Juss. & Cambess.) Radlk, *Cupania vernalis* Cambess., *Matayba elaeagnoides* Radlk.

### Desmiphorini

#### *Cicatrixestola humeralis* Martins & Galileo, 1995

Di Iorio, 2004: 66

Host-CANNABACEAE – *Celtis iguanaea* (Jacq.) Sarg.

#### *Desmiphora (Desmiphora) cirrosa* Erichson, 1847

Di Iorio, 2004: 66

Hosts-BIGNONIACEAE – *Dolichandra cynanchoides* Cham.; BORAGINACEAE – *Cordia americana* (L.) Gottschling & J.S.Mill.

#### *Desmiphora (Desmiphora) cucullata* Thomson, 1868

Di Iorio, 2004: 66

Host-MYRTACEAE – *Hexachlamys edulis* (O.Berg) Kausel & D.Légrand.

#### *Desmiphora (Desmiphora) hirticollis* (Olivier, 1795)

Di Iorio & Farina, 2009: 92

Hosts-APOCYNACEAE – *Araujia hortorum* E.Fourn., *Morrenia odorata* (Hook. & Arn.) Lindl.; CANNABACEAE – *Celtis ehrenbergiana* (Klotzsch) Liebm.; LEGUMINOSAE – *Sesbania virgata* (Cav.) Pers.; MALVACEAE – *Hibiscus syriacus* L.; MORACEAE – *Maclura pomifera* (Raf.) C.K.Schneid., *Morus alba* L.; PASSIFLORACEAE – *Passiflora caerulea* L.; PLATANACEAE – *Platanus acerifolia* (Aiton) Willd.; SOLANACEAE – *Solanum glaucophyllum* Desf.

#### *Desmiphora (Desmiphora) lateralis* Thomson, 1868

Marinoni, 1969: 470

Host-MYRTACEAE – *Blepharocalyx* sp.

#### *Desmiphora (Desmiphora) santossilvai* Galileo & Martins, 2003

Tavakilian & Néouze, 2004: 63

Hosts-SAPOTACEAE – *Chrysophyllum sanguinolentum* (Pierre) Baehni, *Manilkara bidentata* (A. DC.) A.Chev., *Micropholis guyanensis* (A. DC.) Pierre.

#### *Estola albocincta* Melzer, 1932

Di Iorio, 2004: 67

Host-MORACEAE – *Ficus* sp.

#### *Gibbestoloides compacta* Breuning, 1940

Di Iorio, 1994: 17; Di Iorio, 2004: 67; Di Iorio, 2006: 171

Host-BIGNONIACEAE – *Fridericia dichotoma* (Jacq.) L.G. Lohmann.

### Hemilophini

#### *Apagomerella versicolor* (Boheman, 1859)

Logarzo *et al.*, 2002: 22; Di Iorio, 2004: 61

Hosts-COMPOSITAE – *Ambrosia scabra* Hook. & Arn., *Tessaria absinthioides* (Hook. & Arn.) DC., *Xanthium cavanillesii* Schouw.

#### *Phoebemima ensifera* Tippmann, 1960

Clarke & Zamalao, 2009: 287

Hosts-LEGUMINOSAE – *Albizia niopoides* (Benth.) Burkart, *Chloroleucon tenuiflorum* (Benth.) Barneby & J. W.Grimes, *Inga* sp., *Samanea tubulosa* (Benth.) Barneby & J. W.Grimes.

#### *Zeale nigromaculata* (Klug, 1829)

Di Iorio, 2004: 68

Host-LAMIACEAE – *Mentha arvensis* var. *piperascens* Malinv. ex Holmes.

### Onciderini

#### *Hypsioma gibbera* Audinet-Serville, 1835

Di Iorio, 2004: 68

Host-LEGUMINOSAE – *Mimosa bimucronata* (DC.) Kuntze.

#### *Jamesia globifera* (Fabricius, 1801)

Abreu *et al.*, 2009: 432

Host-MALVACEAE – *Scleronema micranthum* (Ducke) Ducke.

#### *Lochmaeocles callidryas* (Bates, 1865)

Tavakilian *et al.*, 1997: 326

Host-LEGUMINOSAE – *Albizia pedicellaris* (Dc.) L.Rico.

#### *Lochmaeocles fasciatus* (Lucas, 1857)

Di Iorio, 2004: 68

Host-LAURACEAE – *Persea americana* Mill.

#### *Oncideres germarii* Thomson, 1868

Di Iorio, 2004: 69; Di Iorio, 2006: 170; Ganci, 2010: 89

Hosts-LEGUMINOSAE – *Acacia aroma* Hook. & Arn., *A. dealbata* Link, *A. furcatispina* Burkart, *A. visco* Griseb., *Anadenanthera colubrina* (Vell.) Brenan, *Leucaena leucocephala* (Lam.) de Wit, *Parkinsonia aculeata* L., *Prosopis flexuosa* DC., *Robinia pseudoacacia* L.

#### *Oncideres guttulata* Thomson, 1868

Di Iorio, 2004: 70; Di Iorio, 2006: 170

Hosts-LEGUMINOSAE – *Acacia aroma* Hook. & Arn., *Anadenanthera colubrina* (Vell.) Brenan, *Mimosa detinens* Benth., *Prosopis caldenia* Burkart, *P. flexuosa* DC., *P. strombulifera* (Lam.) Benth; ULMACEAE – *Ulmus pumila* L.

#### *Oncideres humeralis* Thomson, 1868

Paulino Neto *et al.*, 2005: 7

Hosts-MELASTOMATAACEAE – *Acinodendron jucunda* (DC.) Kuntze, *Leandra scabra* DC., *Miconia latecrenata* (DC.) Naudin, *M. sellowiana* Naudin.

#### *Oncideres impluviata* (Germar, 1824)

Paulino Neto *et al.*, 2005: 9

Host-PRIMULACEAE – *Myrsine coriacea* subsp. *coriacea*.

#### *Oncideres miniata* Thomson, 1868

Di Iorio, 2004: 72

Host-AQUIFOLIACEAE – *Ilex paraguariensis* A.St.-Hil.

***Oncideres schreiteri* Bruch, 1941**

Di Iorio, 2004: 72

Host-LEGUMINOSAE – *Acacia caven* (Molina) Molina.***Oncideres stillata* Aurivillius 1904**

Di Iorio &amp; Farina, 2009: 94

Host-LEGUMINOSAE – *Prosopis alba* Griseb.***Plerodia syrinx* (Bates, 1865)**Souza *et al.*, 2001: 476Host-CUCURBITACEAE – *Sechium edule* (Jacq.) Sw.**Parmenini*****Schreiteria bruchi* Melzer, 1933**

Di Iorio, 2004: 73

Host-APIACEAE – *Azorella compacta* Phil.***Schreiteria colombiana* Monné & Monné, 2006**

Monné &amp; Monné, 2006: 489

Host-COMPOSITAE – *Espeletia grandiflora* Humb. & Bonpl.**Pogonocherini*****Lypsimena nodipennis* (Burmeister, 1865)**

Di Iorio, 2004: 74

Host-EUPHORBIACEAE – *Manihot esculenta* Crantz.**Pteropliini*****Ataxia luteifrons* (Bruch, 1926)**

Di Iorio, 2004: 74

Host-ANACARDIACEAE – *Schinopsis quebracho-colorado* (Schltldl.) F.A. Barkley & T. Mey.***Rhaphiptera avicenniae* Dalens & Tavakilian, 2007**Dalens & Tavakilian *in* Tavakilian *et al.*, 2007: 6Host-ACANTHACEAE – *Avicennia germinans* (L.) L.**Tapeinini*****Tapeina coronata coronata*****Lepeletier & Audinet-Serville, 1828**Silva *et al.*, 1968: 409 Di Iorio, 2004: 74Host-ANACARDIACEAE – *Schinopsis quebracho-colorado* (Schltldl.) F. A. Barkley & T. Mey.**Xenofreini*****Xenofrea berkovi* Néouze & Tavakilian, 2005**

Néouze &amp; Tavakilian, 2005: 133

Hosts-MALVACEAE – *Catostemma fragrans* Benth., *Eriotheca* sp.***Xenofrea proxima* Néouze & Tavakilian, 2005**

Néouze &amp; Tavakilian, 2005: 139

Host-LECYTHIDACEAE – *Eschweilera micrantha* (O.Berg) Miers.***Xenofrea rogueti* Néouze & Tavakilian, 2005**

Néouze &amp; Tavakilian, 2005: 143

Host-LECYTHIDACEAE – *Eschweilera coriacea* (DC.) S.A.Mori.**PARANDRINAE****Parandrini*****Parandra (Hesperandra) tucumana* Zikán, 1948**

Di Iorio, 2004: 76

Host-BETULACEAE – *Alnus* sp.**PRIONINAE****Anacolini*****Prionapterus staphilinus* Guérin-Méneville, 1831**

Di Iorio, 2004: 76

Host-COMPOSITAE – *Flourensia oolepis* S.F.Blake.**Callipogonini*****Callipogon (Enoplocerus) armillatus* (Linnaeus, 1767)**

Di Iorio, 2004: 76

Host-BIGNONIACEAE – *Handroanthus impetiginosus* (Mart. ex DC.) Mattos.***Navosoma luctuosum* (Schoenherr, 1817)**

Di Iorio, 2004: 76

Host-BIGNONIACEAE – *Jacaranda cuspidifolia* Mart.***Seticeros aquilus* (Thomson, 1865)**

Casari &amp; Santos-Silva, 2010: 746

Host-FAGACEAE – *Quercus humboldtii* Bonpl.**Calocomini*****Calocomus desmarestii* (Guérin-Méneville, 1831)**

Di Iorio, 2004: 76

Host-VERBENACEAE – *Aloysia gratissima* (Gillies & Hook.) Tronc.***Calocomus morosus* White, 1850**

Di Iorio, 2004: 76

Host-COMPOSITAE – *Flourensia oolepis* S.F.Blake.**Macrotomini*****Mallodon spinibarbis* (Linnaeus, 1758)**

Di Iorio &amp; Farina, 2009: 79

Hosts-FAGACEAE – *Quercus palustris* Münchh.; LEGUMINOSAE – *Albizia julibrissin* Durazz., *Gleditsia triacanthos* L., *Robinia pseudoacacia* L.; PLATANACEAE – *Platanus acerifolia* (Aiton) Willd.; SALICACEAE – *Populus alba* L., *P. nigra* var. *italica* Koehne; SANTALACEAE – *Jodina rhombifolia* (Hook. & Arn.) Reissek; SIMAROUBACEAE – *Ailanthus altissima* (Mill.) Swingle; ULMACEAE – *Ulmus* sp.**Prionini*****Apteroctenus heterogama durnfordii*  
(Burmeister, 1879)**Barriga *et al.*, 1993: 84; Di Iorio, 2004: 79

Hosts-AMARANTHACEAE – *Atriplex lampa* (Moq.) Gillies ex D. Dietr.; APIACEAE – *Mulinum spinosum* Pers.; COMPOSITAE – *Senecio* sp.; LEGUMINOSAE – *Anarthrophyllum rigidum* (Hook. & Arn.) Hieron.

***Apterocaulus heterogama heterogama*  
(Burmeister, 1861)**

Di Iorio, 2004: 79.

Host-SALICACEAE – *Populus* sp.

**VESPERIDAE**

**ANOPLODERMATINAE**

**Anoplodermatini**

***Migdolus fryanus* Westwood, 1863**

Wilcken *et al.*, 2005: 171.

Host-PINACEAE – *Pinus caribaea* var. *hondurensis* (Sénécl.) W. H. Barrett & Golfari.

***Sypilus orbigny* Guérin-Méneville, 1840**

Duffy, 1960: 50; Di Iorio, 2004: 17.

Host-LEGUMINOSAE – *Geoffroea decorticans* (Hook. & Arn.) Burkart.

**DISCUSSION**

In relation to Monné (2001a-c, 2002a-b, 2004), among all the species listed here, 96 were not previously cited and 115 new hosts are cited. Obriini (Cerambycinae) now has records for three species: *Obrium multifarium* Berg, 1889, *Obrium trifasciatum* Bosq, 1951 and *Obrium vicinum* Gounelle, 1909.

Regarding the host plants, a total of 259 species distributed among 188 genera and 69 families are listed. Leguminosae was the most representative family, with 67 species in 39 genera, followed by Malvaceae (12 species in 8 genera) and Sapotaceae (15 species in 7 genera). Species of economic importance are included on the list, such as avocado (*Persea americana* Mill.), mate (*Ilex paraguariensis* A. St.-Hil.), mango (*Mangifera indica* L.), jacaranda (*Jacaranda* sp.) and tamarind (*Tamarindus indica* L.).

*Smodicum cucujiforme* (Say, 1826) is considered an introduced species in Argentina and Uruguay, with its type locality in the United States of America. Its distribution extends from the Atlantic coast to the Mississippi Valley and Texas (Monné 2005).

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