

# Updated list of the Cerambycidae and Vesperidae (Coleoptera) from the Brazilian state of Mato Grosso do Sul

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**Abstract.** An updated list of the longhorned beetles (Cerambycidae and Vesperidae, Coleoptera) from the Brazilian state of Mato Grosso do Sul is provided. A total of 362 species are recorded for the state, including new distribution records for 31 species, demonstrating the critical importance of inventories.

**Keywords.** Insects; Neotropical region; South America.

## INTRODUCTION

The knowledge of the Cerambycidae and Vesperidae (Coleoptera) from Mato Grosso do Sul (Brazil) (Fig. 8B) is updated based on the literature (Monné, 2023a, b, c) and based on examination of specimens donated by ZUFMS to MNRJ. Thirty-one species are newly recorded for the state. A complete list of taxa (subfamilies, tribes, genera, species, and subspecies) with updated distribution is provided. Eight subfamilies are usually recognized in Cerambycidae (Švácha & Lawrence, 2014) of which the following are represented in the state: Cerambycinae, Lamiinae, Lepturinae, Parandrinae, and Prioninae. Vesperidae is represented only by Anoplodermatinae.

In 2017, Monné *et al.* recorded 229 species in Mato Grosso do Sul, as follows: Parandrinae, 1; Lepturinae, 1; Prioninae, 4; Cerambycinae, 166; and Lamiinae, 57. Monné (2023a, b, c) recorded 289 species in this Brazilian state. Here we recorded 362 species for the state, as can be seen in the table below:

| Family       | Subfamilies      | Tribes | Genera | Species |
|--------------|------------------|--------|--------|---------|
| Vesperidae   | Anoplodermatinae | 2      | 3      | 3       |
| Cerambycidae | Parandrinae      | 1      | 1      | 1       |
| Cerambycidae | Prioninae        | 6      | 8      | 9       |
| Cerambycidae | Lepturinae       | 1      | 1      | 1       |
| Cerambycidae | Cerambycinae     | 27     | 137    | 246     |
| Cerambycidae | Lamiinae         | 18     | 64     | 102     |
| Total        |                  | 55     | 214    | 362     |

## MATERIAL AND METHODS

The collection acronyms used in the text are as follows:

**BMNH** = The Natural History Museum, London, United Kingdom; **CMNH** = Carnegie Museum of Nature, Pittsburgh, Pennsylvania, United States; **CODI** = Oswaldo Di Iorio private collection, Buenos Aires, Argentina; **DZUP** = Coleção de Entomologia Pe. Jesus Santiago Moure, Departamento de Zoologia, Universidade Federal do Paraná, Curitiba, Paraná, Brazil; **EMEC** = Essig Museum of Entomology, University of California, Berkeley, California, USA; **FMNH** = Finnish Museum of Natural History, University of Helsinki, Helsinki, Finland; **HMUG** = Hunterian Museum, Glasgow University, Glasgow, United Kingdom; **HSCV** = Herbert Schmid private collection, Vienna, Austria; **ISNB** = Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium; **LSUK** = Linnean Society, London, United Kingdom; **MACN** = Museo Argentino de Ciencias Naturales "Bernardino Rivadavia", Buenos Aires, Buenos Aires, Argentina; **MAGD** = Museum and Art Gallery, Doncaster, United Kingdom; **MCZN** = Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States; **MLPA** = Museo de La Plata, Universidad Nacional de La Plata, La Plata, Buenos Aires, Argentina; **MNHN** = Muséum National d'Histoire Naturelle, Paris, France; **MNRJ** =

Arq. Zool., 54(3): 21-90, 2023

<https://doi.org/10.11606/2176-7793/2023.54.03>  
<https://www.revistas.usp.br/azmz>

ISSN On-Line: [2176-7793](https://doi.org/10.11606/2176-7793)

ISSN Printed: [0066-7870](https://doi.org/10.11606/0066-7870)

ISSN: [0000-0004-0384-1825](https://doi.org/10.11606/0000-0004-0384-1825)

Edited by: Simone Policena Rosa

Received: 15/11/2022

Accepted: 22/05/2023

Published: 14/12/2023



Museu Nacional, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Rio de Janeiro, Brazil; **MVMA** = Museum of Victoria, Abbotsford, Victoria, Australia; **MZHF** = Finish Museum of Natural History, University of Helsinki, Helsinki, Finland; **MZSP** = Museu de Zoologia, Universidade de São Paulo, São Paulo, São Paulo, Brazil; **NHMW** = Naturhistorisches Museum, Vienna, Austria; **NHRS** = Naturhistoriska Riksmuseet, Stockholm, Sweden; **OXUM** = Hope Entomological Collections, University Museum, Oxford, United Kingdom; **SMFD** = Forschungsinstitut und Naturmuseum Senckenberg, Frankfurt-am-Main, Germany; **USNM** = National Museum of Natural History, Washington, D.C., USA; **UZI** = Uppsala University, Uppsala, Sweden; **ZMHB** = Museum für Naturkunde der Humboldt-Universität, Berlin, Germany; **ZMUC** = Zoological Museum, University of Copenhagen, Copenhagen, Denmark; **ZSMC** = Zoologische Staatssammlung des Bayerischen Staates, München, Germany; **ZUFMS** = Coleção Zoológica da Universidade Federal de Mato Grosso do Sul, Campo Grande, Mato Grosso do Sul, Brazil.

The 31 new state records in this work were obtained from specimens donated by ZUFMS to MNRJ. New records are presented following the classification by Monné (2023a, b, c). Information on their known distribution was gathered from Monné (2023a, b, c) and Tavakilian & Chevillotte (2022). Literature of the original description, new combinations and revisions, photographs or morphology, type locality and acronyms of depositary type institutions are provided for each species (synonyms are not included). Additionally, a key is provided for the genera with more than one species present in Mato Grosso do Sul.

Some keys to species were partially based on previous keys (*e.g.*, Botero, 2017; Martins, 2003). However, in most cases, the keys have been corrected (due to mistakes in the features included in the original keys) or significantly modified and, therefore, the source of the original key is not cited.

The photographs of the species included here do not correspond to the specimens from Mato Grosso do Sul, used to establish the new records. This is due to the difficulty of transferring the specimens from the MNRJ to the MZSP in a timely manner, where the photographs would have been taken. However, they can help future researchers in the identification of some species. Therefore, we believe that it is useful to include them.

Below is the list of state records, including precise localities for the new records. A total of 362 species (including subspecies), 214 genera, 55 tribes, and 6 subfamilies were recorded from Mato Grosso do Sul. Records are organized by subfamily, tribe, subtribe, genus, and species, with the latter in alphabetical order.

Fifty-eight species were described exclusively from Mato Grosso do Sul (holotypes, lectotypes, or syntypes): 30 in Cerambycinae, 27 in Lamiinae, and one in Prioninae. Of these, 10 remain known only from this Brazilian state.

This work is essentially an update of the list provided by Monné *et al.* (2017) and the catalog by Monné (2023a, b, c).

## Taxonomy

### VESPERIDAE Mulsant, 1839 ANOPLODERMATINAE Guérin-Ménéville, 1840 Anoplodematini Guérin-Ménéville, 1840 *Anoplooderma* Guérin-Ménéville, 1840 *Anoplooderma breueri* Lameere, 1912

*Anoplooderma breueri* Lameere, 1912: 118.

**Type locality:** Holotype male: Argentina, Rio Cuarto (ZMHB).

**Distribution:** Bolivia (Santa Cruz, Tarija), Brazil (Mato Grosso do Sul), Paraguay, Argentina (Salta, Jujuy, Formosa, Mendoza, Santiago del Estero).

### *Migdolus* Westwood, 1863 *Migdolus spitzii* Lane, 1937

*Migdolus spitzii* Lane, 1937: 185, pl. 1, fig. 1, 2, pl. 5, fig. 9-12, pl. 7, fig. 17; Dias, 1984: 522, fig. 11, 44, 84, 90.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Porto Murtinho (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul).

### *Mysteriini* Prosen, 1960 *Pseudopathocerus* Dias, 1988 *Pseudopathocerus humboldti* (Lameere, 1912)

*Anoplooderma (Pathocerus) humboldti* Lameere, 1912: 120.  
*Pseudopathocerus humboldti*; Dias, 1988: 157, fig. 3, 10, 11, 15, 20, 23-24, 36, 43.

**Type locality:** Lectotype male: Paraguay (ZMHB).

**Distribution:** Brazil (Mato Grosso do Sul), Paraguay, Argentina (Misiones).

### CERAMBYCIDAE Latreille, 1802 PARANDRINAE Blanchard, 1845 Parandrini Blanchard, 1845 *Parandra* Latreille, 1802 *Parandra (Parandra) glabra* (De Geer, 1774)

*Attelabus glaber* De Geer, 1774: 352, pl. 19, fig. 14-16.  
*Parandra glabra*; Gyllenhal, 1817: 145.

*Parandra (Parandra) glabra*; Santos-Silva & Shute, 2009: 31.

**Type locality:** Lectotype female: Indes? (NHRS).

**Distribution:** Mexico (Chiapas, Veracruz, Oaxaca), Honduras, Nicaragua, Costa Rica, Panama, and West Indies (Dominica, Guadeloupe, St. Lucia, St. Vincent, Grenada).

In South America: Trinidad and Tobago, Venezuela, Ecuador, Colombia, Peru, Bolivia (Cochabamba, Santa Cruz), Brazil (Amazonas, Pará, Goiás, Mato Grosso, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, and Argentina (Misiones).

**PRIONINAE Latreille, 1802**  
**Anacolini Thomson, 1857**  
***Prionapterus* Guérin-Méneville, 1831**  
***Prionapterus travassosi* Lane, 1938**

*Prionapterus travassosi* Lane, 1938a: 263, 1 pl.

**Type locality:** Holotype female: Brazil, Mato Grosso do Sul, Maracajú (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul).

**Callipogonini Thomson, 1861**  
***Ctenoscelis* Audinet-Serville, 1832**  
***Ctenoscelis (Ctenoscelis) acanthopus* (Germar, 1823)**  
**(Fig. 1A-1B)**

*Prionus acanthopus* Germar, 1823: 467.

*Ctenoscelis (Ctenoscelis) acanthopus*; Monné & Monné, 2017: 252, fig. 42 (distr.).

**Syntypes locality:** Brazil (ZMHB).

**Distribution:** Brazil (Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Misiones).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Corumbá, Pantanal da Nhecolândia, Fazenda Nhumirim, 1 specimen, 06.XII.2019, T.R.F. Sinani leg. (MNRJ).

***Enoplocerus* Audinet-Serville, 1832**  
***Enoplocerus armillatus* (Linnaeus, 1767)**  
**(Fig. 1C-1D)**

*Cerambyx armillatus* Linnaeus, 1767: 622.

*Enoplocerus armillatus*; Audinet-Serville, 1832: 147.

*Callipogon (Enoplocerus) armillatus*; Lameere, 1904: 64.

**Type locality:** Type: India (Unknown depository).

**Distribution:** Costa Rica, Trinidad and Tobago, Panama, Colombia, Venezuela, Suriname, Guyana, French Guiana, Brazil (Amazonas, Pará, Roraima, Rondônia, Mato Grosso, Goiás, Maranhão, Rio Grande do Norte, Paraíba, Alagoas, Bahia, Espírito Santo, Rio de Janeiro, São Paulo, Paraná), Ecuador, Peru, Bolivia (Beni, Pando, Santa Cruz), Paraguay, Argentina (Salta, Tucumán, Santiago del Estero, Misiones, Chaco, Santa Fé).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Bodoquena, Serra da Bodoquena, Morraria Sul, Eco Serrana Park, 20°45'32.5"S, 56°45'08.3"W, 1 specimen, 23.XI.2021, T.R.F. Sinani and M.G. Neves leg. (MNRJ); Aquidauana, Piraputanga, 20°28'46"S, 55°29'24"W, 1 specimen, 15.I.2022, T.R.F. Sinani leg. (MNRJ).

***Navosoma* Blanchard, 1847**  
***Navosoma luctuosum* (Schönherr, 1817)**  
**(Fig. 1E-1F)**

*Prionus luctuosus* Schönherr, 1817: 346.

*Callipogon (Navosoma) luctuosus*; Lameere, 1904: 67.

*Navosoma luctuosum*; Santos-Silva & Martins, 2005: 400.

**Type locality:** Holotype male: not stated (Unknown depository).

**Distribution:** Brazil (Mato Grosso, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Uruguay, Argentina (Misiones, Corrientes, Entre Ríos).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Bodoquena, Vila Palmira, 1 specimen, 10.VIII.2007, M.J.A. Morales leg. (MNRJ).

**Calocomini Galileo & Martins, 1993**  
***Calocomus* Audinet-Serville, 1832**

**Key to Brazilian species of *Calocomus* Audinet-Serville, 1832**

1. Dorsal surface of metatibiae very narrow and lateral surfaces flattened ..... *C. rugosipennis* Lucas, 1857
- Dorsal surface of metatibiae large and lateral surfaces rounded .....  
 ..... *C. morosus* White, 1850

***Calocomus morosus* White, 1850**

*Calocomus morosus* White, 1850: 11, pl. 13, fig. 3.

**Type locality:** Holotype female: Bolivia (BMNH).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Minas Gerais, São Paulo), Bolivia (Santa Cruz), Paraguay, Argentina (Jujuy, Catamarca, Salta, Tucumán, Santiago del Estero, Mendoza, Rio Negro, Neuquén).

***Calocomus rugosipennis* Lucas, 1859**

*Calocomus rugosipennis* Lucas, 1859: 181, pl. 11, fig. 3;  
 Santos-Silva et al., 2010a: 69, fig. 1-6 (rev.).

**Type locality:** Holotype male: Brésil interieur (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Minas Gerais, São Paulo), Argentina (Salta, Jujuy).

**Macrodoniini Thomson, 1861**  
**Macrodonia Lacordaire, 1830**  
**Macrodonia crenata (Olivier, 1795)**

*Prionus crenatus* Olivier, 1795: (66) 27, pl. 12, fig. 45.  
*Macrodonia crenata*; Gory, 1839: 128.

**Type locality:** Neotype female: Cayenne (MNHN).

**Distribution:** Colombia, Venezuela, French Guiana, Ecuador, Peru, Bolivia (Beni, Cochabamba, Santa Cruz), Brazil (Acre, Amazonas, Pará, Rondônia, Mato Grosso, Goiás, Mato Grosso do Sul), Paraguay.

**Mallaspini Thomson, 1861**  
**Pyrodes Audinet-Serville, 1832**  
**Pyrodes nitidus (Fabricius, 1787)**

*Prionus nitidus* Fabricius, 1787: 128.  
*Pyrodes nitidus*; Audinet-Serville, 1832: 187.

**Type locality:** Holotype: Brazil (HMUG).

**Distribution:** Brazil (Alagoas, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul, Mato Grosso do Sul), Paraguay, Argentina (Misiones).

**Mallodonini Thomson, 1861**  
**Mallodon Lacordaire, 1830**  
**Mallodon spinibarbis (Linnaeus, 1758)**  
**(Fig. 1G-1H)**

*Cerambyx spinibarbis* Linnaeus, 1758: 390.  
*Prionus spinibarbis*; Fabricius, 1775: 163.  
*Mallodon spinibarbis*; Lacordaire, 1830: 172.

**Type locality:** Holotype male: America (UZIU).

**Distribution:** Aruba, Curaçao, Dominica, St. Vincent, Mexico, Honduras, Nicaragua, El Salvador, Venezuela, Colombia, Guiana, French Guiana, Ecuador, Brazil (Roraima, Amazonas, Pará, Tocantins, Distrito Federal, Mato Grosso, Goiás, Maranhão, Alagoas, Piauí, Rio Grande do Norte, Paraíba, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Peru, Bolivia (Tarija), Paraguay, Argentina (Misiones, Santiago del Estero, Santa Fé, Córdoba, San Juan, Mendoza, San Luis, Buenos Aires), Uruguay. Introduced in Spain.

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Campo Grande, Piscicultura UFMS, 2 specimens, 12.XII.2021, L.O. Brasileiro leg. (MNRJ); Aquidauana, Pira-

putanga, 20°28'46"S, 55°29'24"W, 1 specimen, 23.I.2022, T.R.F. Sinani leg. (MNRJ).

**LEPTURINAE Latreille, 1802**  
**Lepturini Latreille, 1802**  
**Strangalia Dejean, 1835**  
**Strangalia melanophthisis (Berg, 1889)**

*Euryptera melanophthisis* Berg, 1889: 107.  
*Strangalia melanophthisis*; Monné et al., 2004: 437, fig. 18 (rev.).

**Type locality:** Lectotype male: Argentina, Corrientes (MLPA).

**Distribution:** Brazil (Mato Grosso do Sul, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Misiones, Entre Ríos), Uruguay.

**CERAMBYCINAE Latreille, 1802**  
**Achrysonini Lacordaire, 1808**  
**Achryson Audinet-Serville, 1834**

**Key to species of *Achryson* Audinet-Serville, 1834  
from the Brazilian state of Mato Grosso do Sul**

1. Elytra without maculae and/or bands.....  
.....*A. immaculipenne* Gounelle, 1909
- Elytra with maculae and/or bands contrasting with the general color  
..... 2
- 2(1). Elytral apex without distinct spine.....  
..... *A. quadrimaculatum* (Fabricius, 1793)
- Elytral apex with distinct spine..... 3
- 3(2). Elytra with yellowish-brown maculae ...*A. maculatum* Burmeister, 1865
- Elytra with blackish maculae and/or bands .....  
..... *A. surinamum* (Linnaeus, 1767)

***Achryson immaculipenne* Gounelle, 1909**

*Achryson immaculipenne* Gounelle, 1909: 305.

**Syntypes locality:** Brazil, Jataí (Goiás), Serra do Comuniti (Pernambuco).

**Distribution:** Colombia, Venezuela, Ecuador, French Guiana, Brazil (Amapá, Maranhão, Piauí, Pernambuco, Goiás, Mato Grosso, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Beni, Cochabamba, Santa Cruz), Paraguay, Argentina (Chaco, Salta).

***Achryson maculatum* Burmeister, 1865**

*Achryson maculatum* Burmeister, 1865: 175.

**Syntypes locality:** Argentina, Tucumán (MACN).

**Distribution:** Brazil (Alagoas, Sergipe, Goiás, Mato Grosso do Sul, Bahia, Espírito Santo, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Jujuy, Salta, Catamarca, Tucumán, Santiago del Estero, Córdoba, Santa Fé, Corrientes, Entre Ríos, Buenos Aires), Uruguay.

***Achryson quadrimaculatum* (Fabricius, 1793)**

*Callidium 4maculatum* Fabricius, 1793: 328.

*Achryson quadrimaculatus*; Martins, 1971b: 165.

**Type locality:** Holotype: Guadeloupe (ZMUC).

**Distribution:** Guatemala, El Salvador, Costa Rica, Guadeloupe, Trinidad, Désirade, Martinique, Aruba, Colombia, Venezuela, Guyana, French Guiana, Brazil (Amazonas, Pará, Mato Grosso, Mato Grosso do Sul), Bolivia (Santa Cruz), Argentina (Chaco, Salta, Córdoba, Santa Fé).

***Achryson surinamum* (Linnaeus, 1767)**

*Cerambyx surinamus* Linnaeus, 1767: 632.

*Achryson surinamum*; White, 1855: 298; Pentead-Dias, 1984b: 425, 28 fig. (larva, pupa).

**Type locality:** Holotype: Surinam (Unknown depository).

**Distribution:** United States, Mexico, Central America, West Indies, South America (largely distributed).

**Bothriospilini Lane, 1950**

***Chlorida* Audinet-Serville, 1834**

***Chlorida festiva* (Linnaeus, 1758)**

*Cerambyx festivus* Linnaeus, 1758: 389.

*Chlorida festiva*; Audinet-Serville, 1834b: 32; Marinoni, 1979: 215 (hosts).

**Type locality:** Holotype: America (Surinam) (NHRS).

**Distribution:** United States of America (Florida), Mexico (Chiapas), Antigua, Barbados, Dominica, Grenada, Guadeloupe, Hispaniola, Marie Galante, Martinique, Montserrat, St. Croix, St. Lucia, St. Vincent, Cayman Islands, St. Kitts, Jamaica, Puerto Rico, Trinidad and Tobago, Cuba, Honduras, Nicaragua, Guatemala, Costa Rica, Panama, Suriname, French Guiana, Guyana, Peru, Venezuela, Colombia, Bolivia, Paraguay, Argentina (Misiones, Corrientes, Salta, Chaco, Tucumán, Jujuy), Uruguay, Brazil (Amazonas, Pará, Rondônia, Mato Grosso, Mato Grosso do Sul, Maranhão, Paraíba, Ceará, Bahia, Goiás, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Rio Grande do Sul, Africa (São Tomé).

**Callichromatini Swainson, 1840**

***Callichroma* Latreille, 1817**

***Callichroma sericeum* (Fabricius, 1793)**

*Cerambyx sericeus* Fabricius, 1793: 253.

*Callichroma sericea*; Audinet-Serville, 1834a: 557; Napp & Martins, 2009: 328, fig. 34.

**Type locality:** Holotype: Brazil (Unknown depository).

**Distribution:** Costa Rica, Colombia, Ecuador, Peru, Brazil (Amazonas, Pará, Acre, Rondônia, Mato Grosso, Mato Grosso do Sul, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Beni, La Paz, Santa Cruz), Paraguay, Argentina (Misiones, Tucumán), Uruguay.

***Cnemidochroma* Schmidt, 1924**

**Key to species of *Cnemidochroma* from the Brazilian state of Mato Grosso do Sul**

1. Elytra with dense blackish pubescence ..... *C. phyllopus* (Guérin-Méneville, 1844)
- Elytra with sparse pubescence ..... *C. phyllopoides* (Schmidt, 1924)

***Cnemidochroma phyllopoides* (Schmidt, 1924)**

*Callichroma* (*Cnemidochroma*) *phyllopoides* Schmidt, 1924: 381.

*Cnemidochroma phyllopoides*; Napp & Martins, 2009: 243, fig. 284.

**Type locality:** Holotype male: Brazil, Mato Grosso: 200 British miles from Cuiabá (ZMHB).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Goiás).

***Cnemidochroma phyllopus* (Guérin-Méneville, 1844)**

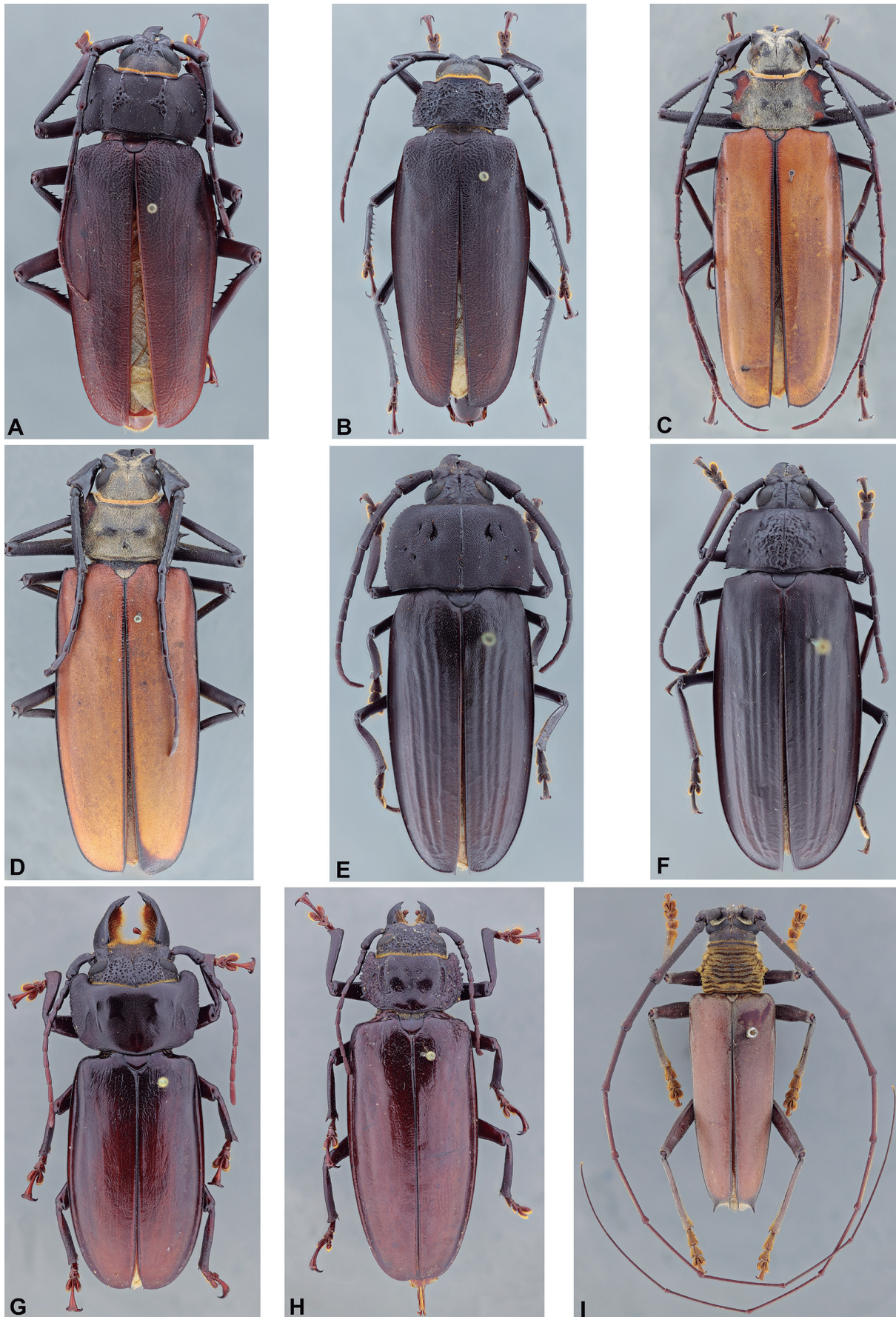
*Callichroma phyllopus* Guérin-Méneville, 1844: 220.

*Callichroma* (*Cnemidochroma*) *phyllopus*; Schmidt, 1924: 382.

*Cnemidochroma phyllopus*; Napp & Martins, 2009: 247, fig. 255, 273, 276, 278, 279, 283, 285-287.

**Type locality:** Holotype male: Brazil (MNHN).

**Distribution:** Brazil (Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul, Mato Grosso do Sul), Paraguay, Argentina (Misiones, Santa Fé, Entre Ríos, Corrientes), Uruguay.



**Figure 1.** Dorsal habitus. (A-B) *Ctenoscelis (Ctenoscelis) acanthopus* (Germer, 1823): (A) Male, Brazil, São Paulo, Salesópolis; (B) Female, Brazil, São Paulo, São Paulo. (C-D) *Enoplocerus armillatus* (Linnaeus, 1767): (C) Male, Brazil, Bahia, Ilhéus; (D) Female, Brazil, São Paulo, Rio Preto. (E-F) *Navosoma luctuosum* (Schönherr, 1817): (E) Male, Brazil, Paraná, Rolândia; (F) Female, Brazil, Minas Gerais, Passos. (G-H) *Mallodon spinibarbis* (Linnaeus, 1758): (G) Male, Brazil, Espírito Santo, Córrego do Itá; (H) Female, Brazil, Rio de Janeiro, Rio de Janeiro. (I) *Juiaparus mexicanus* (Thomson, 1861), male, Brazil, São Paulo, São Paulo.

***Mionochroma* Schmidt, 1924****Key to species of *Mionochroma* from the Brazilian state of Mato Grosso do Sul**

1. Pronotum rugous.....*M. electrinum* (Gounelle, 1911)  
 — Pronotum not rugous .....*M. equestre* (Gounelle, 1911)

***Mionochroma electrinum* (Gounelle, 1911)**

*Callichroma vittatum* var. *electrinum* Gounelle, 1911: 7.  
*Mionochroma electrinum*; Napp & Martins, 2009: 308.

**Type locality:** Lectotype male: Argentina, Tucumán (MNHN).

**Distribution:** Brazil (Mato Grosso, Goiás, Maranhão, Pernambuco, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Jujuy, Salta, Tucumán, Santiago del Estero, Santa Fé, Chaco, Misiones, Neuquén).

***Mionochroma equestre* (Gounelle, 1911)**

*Callichroma equestre* Gounelle, 1911: 68.  
*Mionochroma equestre*; Napp & Martins, 2009: 296, fig. 313.

**Type locality:** Holotype male: Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Mato Grosso do Sul, Goiás, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Paraguay, Argentina (Misiones).

**Cerambycini Latreille, 1802*****Cerambycina* Latreille, 1802*****Atiaia* Martins & Monné, 2002*****Atiaia testaceicornis* (Melzer, 1923)**

*Hamaticherus testaceicornis* Melzer, 1923a: 4; 1927: 146, pl. 2, fig. 6.

*Brasilianus testaceicornis*; Blackwelder, 1946: 561.

*Atiaia testaceicornis*; Martins & Monné, 2002: 189, fig. 220-222.

**Type locality:** Lectotype female: Brazil, Minas Gerais: Passa Quatro (MZSP).

**Distribution:** Brazil (Mato Grosso, Goiás, Mato Grosso do Sul, Distrito Federal, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul).

***Hamaederus* Santos-Silva, García & Botero, 2021****Key to species of *Hamaederus* from the Brazilian state of Mato Grosso do Sul**

1. Scape without apical cicatrix .....  
 .....*H. yucatecus* (Chemsak & Noguera, 1997)  
 — Scape with apical cicatrix.....*H. rusticus* (Gounelle, 1909)

***Hamaederus rusticus* (Gounelle, 1909)**

*Hammatochaerus rusticus* Gounelle, 1909: 698, fig. 11.  
*Plocaederus rusticus*; Martins & Monné, 2002: 234, fig. 262, 265, 270, 271.  
*Hamaederus rusticus*; Santos-Silva et al., 2021: 20, fig. 59-64.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Amazonas, Mato Grosso, Mato Grosso do Sul, Goiás, São Paulo), French Guiana, Peru, Bolivia (Santa Cruz).

***Hamaederus yucatecus* (Chemsak & Noguera, 1997)**

*Brasilianus yucatecus* Chemsak & Noguera, 1997: 6, fig. 2A.  
*Plocaederus yucatecus*; Turnbow et al., 2003: 6.  
*Hamaederus yucatecus*; Santos-Silva et al., 2021: 21, fig. 65-81.

**Type locality:** Holotype female: Mexico, Yucatán: Tanché (11 km N of Mérida) (EMEC).

**Distribution:** Mexico (Chiapas, Yucatán, Quintana Roo, Oaxaca), Guatemala, Honduras, Nicaragua, Costa Rica, Colombia, Bolivia (Santa Cruz), Brazil (Ceará, Alagoas, Sergipe, Pernambuco, Bahia, Piauí, Paraíba, Mato Grosso, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná), Argentina (Córdoba).

***Juiaparus* Martins & Monné, 2002*****Juiaparus mexicanus* (Thomson, 1861)****(Fig. 11-2A)**

*Hamaticherus mexicanus* Thomson, 1861: 196.

*Juiaparus mexicanus*; Martins & Monné, 2002: 182, fig. 206, 210, 218, 219.

**Type locality:** Holotype: Mexico (MNHN).

**Distribution:** Mexico (Baja California, Chiapas, Jalisco, Puebla, Quintana Roo, Yucatán, Oaxaca, Veracruz, Colima), Belize, Nicaragua, Costa Rica, Colombia, Peru, Bolivia, Brazil (Amazonas, Acre, Mato Grosso, Maranhão, Rio Grande do Norte, Paraíba, Pernambuco, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Rio Grande do Sul).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Corumbá, Pantanal da Nhecolândia, Fazenda Nhumirim, 1 specimen, 06.XII.2019, T.R.F. Sinani leg. (MNRJ).

**Jupoata Martins & Monné, 2002**  
**Jupoata rufipennis (Gory, 1831)**  
(Fig. 2B-2C)

*Cerambyx rufipennis* Gory, 1831: pl. 44, fig. 1, 1a.  
*Brasilianus rufipennis*; Martins, 1979: 28 (rev.).  
*Jupoata rufipennis*; Martins & Monné, 2002: 206, fig. 230, 233, 234, 236, 241, 244-248.

**Type locality:** Holotype male: Cayenne (MNHN).

**Distribution:** Mexico, Nicaragua, Costa Rica, Panama, Trinidad and Tobago, Colombia, Venezuela, Ecuador, Suriname, Guyana, French Guiana, Brazil (Roraima, Amapá, Amazonas, Pará, Mato Grosso, Goiás, Maranhão, Ceará, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Peru, Bolivia (Cochabamba, La Paz, Santa Cruz), Paraguay, Argentina (Misiones), Uruguay.

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Bodoquena, Serra da Bodoquena, Camping Dona Rosa, 20°44'59.4"S, 56°45'05.4"W, 1 specimen, 23.XI.2021, T.R.F. Sinani and R.O. Neves leg. (MNRJ).

**Plocaederus Dejean, 1835**  
**Plocaederus bellator (Audinet-Serville, 1834)**

*Hamaticherus bellator* Audinet-Serville, 1834b: 15.  
*Plocaederus bellator*; White, 1853: 124; Santos-Silva et al., 2021: 28.  
*Macrobrasilianus bellator*; Fragoso, 1971: 7.

**Type locality:** Holotype female: America meridional (BMNH).

**Distribution:** Ecuador, French Guiana, Guyana, Suriname, Brazil (Amazonas, Pará, Rondônia, Goiás, Mato Grosso do Sul, Maranhão, Bahia, Minas Gerais, Espírito Santo, São Paulo, Paraná), Paraguay.

**Sphalotrichina Martins & Monné, 2005**  
**Butherium Bates, 1870**  
**Butherium erythropus (Lucas, 1859)**  
(Fig. 2D-2E)

*Criodion erythropus* Lucas, 1859: 187, pl. 11, fig. 7, 7a.  
*Butherium erythropus*; Bates, 1870a: 255.

**Syntypes locality:** Brazil, "Brésil intérieur" (MNHN).

**Distribution:** Brazil (Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa

Catarina), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Campo Grande, 1 specimen, 12.X.2007, T.S. Yule leg. (MNRJ).

**Coleoxestia Aurivillius, 1912**

**Key to species of *Coleoxestia* from the Brazilian state of Mato Grosso do Sul**

1. Elytral apex rounded.....*C. corvina* (Germar, 1823)  
— Elytral apex spined on outer angle..... 2
- 2(1). Meso- and metafemora with spine on inner apex .....  
.....*C. armata* (Gounelle, 1909)  
— Meso- and metafemora without spine on inner apex or at most slightly projected ..... 3
- 3(2). Elytral punctures very distinct, especially on anterior quarter .....  
.....*C. cinnamomea* (Gounelle, 1909)  
— Elytral punctures slightly distinct..... 4
- 4(3). Pronotum densely punctate, almost without wrinkles .....  
..... *C. ebenina* Melzer, 1935  
— Pronotal punctures sparser, with punctures and wrinkles or especially with wrinkles ..... 5
- 5(4). Outer apex of antennomere III angular ... *C. denticornis* (Gahan, 1892)  
— Outer apex of antennomere III rounded ...*C. pubicornis* Gounelle, 1909

***Coleoxestia armata* (Gounelle, 1909)**

*Xestia armata* Gounelle, 1909: 615, fig. 13.  
*Coleoxestia armata*; Aurivillius, 1912: 64 (cat.); Martins & Monné, 2005: 137, fig. 252-253.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Pará, Mato Grosso, Goiás, Mato Grosso do Sul).

***Coleoxestia cinnamomea* (Gounelle, 1909)**

*Xestia cinnamomea* Gounelle, 1909: 615, fig. 14.  
*Coleoxestia cinnamomea*; Aurivillius, 1912: 64 (cat.); Martins & Monné, 2005: 148, fig. 278, 279.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, São Paulo), Paraguay, Argentina (Corrientes, Entre Ríos).

***Coleoxestia corvina* (Germar, 1823)**

*Cerambyx (Stenocorus) corvinus* Germar, 1823: 508.  
*Criodion corvinum*; Audinet-Serville, 1834a: 572.  
*Xestia corvina*; Gahan, 1892: 32.



*Coleoxestia corvina*; Aurivillius, 1912: 64 (cat.); Martins & Monné, 2005: 131, fig. 291.

**Type locality:** Holotype: Brazil (ZMHB).

**Distribution:** Brazil (Amazonas, Rondônia, Mato Grosso, Goiás, Distrito Federal, Mato Grosso do Sul, Maranhão, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Jujuy, Salta, Santiago del Estero, Tucumán, Misiones, Chaco, Corrientes), Uruguay.

#### ***Coleoxestia denticornis* (Gahan, 1892)**

*Xestia denticornis* Gahan, 1892: 29.

*Coleoxestia denticornis*; Aurivillius, 1912: 64 (cat.); Martins & Monné, 2005: 152, fig. 275, 281.

**Syntypes locality:** Brazil (BMNH).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Alagoas, Paraíba, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay.

#### ***Coleoxestia ebenina* Melzer, 1935**

*Coleoxestia ebenina* Melzer, 1935: 174; Martins & Monné, 2005: 149.

**Type locality:** Holotype: Brazil, Mato Grosso do Sul: Mur-tinho (Fazenda Várzea Alegre) (MZSP).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Goiás, Bahia, Minas Gerais, Rio de Janeiro, São Paulo, Santa Catarina), Bolivia (Santa Cruz), Argentina (Misiones).

#### ***Coleoxestia pubicornis* (Gounelle, 1909)**

*Xestia pubicornis* Gounelle, 1909: 610.

*Coleoxestia pubicornis*; Aurivillius, 1912: 65 (cat.); Martins & Monné, 2005: 174, fig. 276, 277.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Peru, Bolivia (Santa Cruz), Paraguay.

#### ***Criodion Audinet-Serville, 1834***

#### ***Criodion torticolle* Bates, 1870**

*Criodion torticolle* Bates, 1870a: 252; Martins & Monné, 2005: 203, fig. 353, 354.

**Type locality:** Holotype female: Brazil, Pará (MNHN).

**Distribution:** Colombia, Venezuela, Peru, French Guiana, Brazil (Amazonas, Pará, Maranhão, Ceará, Bahia, Mato Grosso do Sul, São Paulo), Bolivia (Beni, Santa Cruz), Paraguay, Argentina (Salta, Tucumán, Formosa, Santiago del Estero, Córdoba).

#### ***Poeciloxestia* Lane, 1965**

#### **Key to species of *Poeciloxestia* from the Brazilian state of Mato Grosso do Sul**

1. Pronotum rugous with punctures interspersed ...*P. lanei* Fragoso, 1978
- Pronotum scabrous-punctate ..... 2
- 2(1). Sides of prothorax with small tubercle centrally .....  
.....*P. suturalis* (Perty, 1832)
- Sides of prothorax without tubercles .....*P. parallela* Fragoso, 1978

#### ***Poeciloxestia lanei* Fragoso, 1978**

*Poeciloxestia lanei* Fragoso, 1978: 125, fig. 104-108, 123-129; Martins & Monné, 2005: 78, fig. 102-108.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Ladário (MNRJ).

**Distribution:** Bolivia (Santa Cruz), Brazil (Roraima, Mato Grosso do Sul).

#### ***Poeciloxestia parallela* Fragoso, 1978**

*Poeciloxestia parallela* Fragoso, 1978: 129, fig. 140-144, 159-165; Martins & Monné, 2005: 99, fig. 191-197.

**Type locality:** Holotype male: Brazil, Pará: Óbidos (MNRJ – destroyed in fire).

**Distribution:** Brazil (Pará, Rondônia, Mato Grosso do Sul, Goiás, Distrito Federal, Minas Gerais, São Paulo).

#### ***Poeciloxestia suturalis* (Perty, 1832)**

*Stenochorus suturalis* Perty, 1832: 90, pl. 18, fig. 5.

*Poeciloxestia suturalis*; Fragoso, 1978: 150, fig. 63-67, 80-86; Martins & Monné, 2005: 94, fig. 170-176.

**Type locality:** Holotype female: Brazil, Minas Gerais: Serra do Caraça (ZSMC).

**Distribution:** Brazil (Maranhão, Goiás, Mato Grosso, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Salta, Jujuy, Tucumán).

**Sphalotrichus Fragoso, 1982**

**Sphalotrichus sericeotomentosus Fragoso, 1995**

*Sphalotrichus sericeotomentosus* Fragoso, 1995: 188, fig. 17, 18; Martins & Monné, 2005: 40, fig. 43.

**Type locality:** Holotype female: Brazil, Mato Grosso: Rosário Oeste (MNRJ).

**Distribution:** Brazil (Amazonas, Pará, Rondônia, Mato Grosso, Distrito Federal, Mato Grosso do Sul, Maranhão, Goiás), Bolivia (Santa Cruz).

**Clytini Mulsant, 1839**

**Cotyclytus Martins & Galileo, 2011**

**Cotyclytus curvatus (Germar, 1821)**

*Clytus curvatus* Germar, 1821: 171.

*Neoclytus curvatus*; Chevrolat, 1862: 56.

*Cotyclytus curvatus*; Martins & Galileo, 2011: 134, fig. 2-7, 107, 108, 110, 111.

**Type locality:** Holotype: Brazil (ZMHB).

**Distribution:** Brazil (Mato Grosso do Sul, Goiás, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Misiones, Formosa, Chaco, Corrientes, Entre Ríos, Buenos Aires), Uruguay.

**Megacyllene Casey, 1912**

**Key to species of Megacyllene from the Brazilian state of Mato Grosso do Sul**

1. Sides of prothorax forming obtuse angle posteriorly; central yellow pubescent macula close to suture not strongly projected toward anterior white pubescent band ..... *M. acuta* (Germar, 1821)
- Sides of prothorax forming substraight angle posteriorly; central yellow pubescence close to suture projected toward anterior white pubescent band as a band ..... *M. angulata* (Fabricius, 1775)

**Megacyllene acuta (Germar, 1821)**

*Clytus acutus* Germar, 1821: 170.

*Megacyllene acuta* Bosq, 1949: 197; Martins & Galileo, 2011: 28, fig. 16, 17, 21, 22.

**Type locality:** Holotype: Brazil (ZMHB).

**Distribution:** Brazil (Goiás, Mato Grosso, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Salta, Tucumán, Catamarca, La Rioja, Santiago del Estero, Chaco, Mendoza, Córdoba, Santa Fé, Misiones, Corrientes, Entre Ríos, Buenos Aires), Uruguay.

**Megacyllene angulata (Fabricius, 1775)**

*Callidium angulatum* Fabricius, 1775: 192.

*Megacyllene angulata*; Martins & Moure, 1973: 81 (rev.); Martins & Galileo, 2011: 24 (syn.).

**Type locality:** Holotype male: America (BMNH).

**Distribution:** Mexico (Chiapas, Veracruz), Guatemala, Nicaragua, Costa Rica, Panama, Venezuela, Colombia, Ecuador, Suriname, Guyana, French Guiana, Brazil (Roraima, Amapá, Amazonas, Pará, Rondônia, Maranhão, Mato Grosso, Mato Grosso do Sul), Peru, Bolivia (Beni, Santa Cruz).

**Neoclytus Thomson, 1860**

**Key to species of Neoclytus from the Brazilian state of Mato Grosso do Sul**

1. Elytra with arched yellow pubescent band on dorsal surface of anterior half ..... *N. pusillus* (Laporte & Gory, 1836)
- Elytra with longitudinal whitish pubescent band on dorsal surface of anterior half ..... *N. rufus* (Olivier, 1800)

**Neoclytus pusillus (Laporte & Gory, 1836)**

*Clytus pusillus* Laporte & Gory, 1836: 22, pl. 5, fig. 25.

*Neoclytus pusillus*; Gounelle, 1911: 84; Pentead-Dias, 1979: 77, 37 fig. (larva, pupa, biol.); Martins & Galileo, 2011: 119, fig. 14, 74, 77-103.

**Syntypes locality:** Brazil (MVMA).

**Distribution:** Venezuela, Colombia, Peru, French Guiana, Brazil (Amazonas, Pará, Goiás, Mato Grosso, Mato Grosso do Sul, Piauí, Maranhão, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Bolivia (La Paz, Santa Cruz), Paraguay, Argentina (Jujuy, Salta, Tucumán, Formosa, Misiones, Corrientes, Entre Ríos, Buenos Aires), Uruguay.

**Neoclytus rufus (Olivier, 1800)**

*Callidium rufum* Olivier, 1800: (70)28, pl. 7, fig. 81.

*Neoclytus rufus*; Thomson, 1861: 226; Martins & Galileo, 2011: 108, fig. 70.

**Type locality:** Holotype male: not stated (MWNH).

**Distribution:** Trinidad and Tobago, Costa Rica, Panama, Colombia, Venezuela, Ecuador, Guyana, Brazil (Pará, Mato Grosso, Mato Grosso do Sul, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Salta, Formosa, Chaco, Corrientes).

**Pirangoclytus Martins & Galileo, 2011*****Pirangoclytus purus* (Bates, 1870)**

*Mecometopus purus* Bates, 1870b: 398.

*Pirangoclytus purus*; Martins & Galileo, 2011: 199, fig. 160.

**Type locality:** Holotype: Brazil, Amazonas: Tefé (MNHN).

**Distribution:** Brazil (Amazonas, Rondônia, Mato Grosso do Sul), Peru, Bolivia (La Paz, Santa Cruz).

**Compsocerini Thomson, 1864*****Aglaoschema* Napp, 1994****Key to species of *Aglaoschema* from the Brazilian state of Mato Grosso do Sul**

1. Elytra light greenish yellow, with epipleura and apical fifth metallic green as the prothorax..... *A. dulce* (Napp & Martins, 1988)
- Elytra with green or blue metallic coloring ..... 2
- 2(1). Scape clavate; antennomeres III-IV with dense erect setae ventrally..  
..... *A. ventrale* (Germar, 1823)
- Scape piriform; antennomeres III-IV with sparse erect setae ventrally  
..... *A. concolor* (Gounelle, 1911)

***Aglaoschema concolor* (Gounelle, 1911)**

*Orthoschema (Orthoschema) concolor* Gounelle, 1911: 75.  
*Aglaoschema concolor*; Napp, 1994: 659; 2007: 812, fig. 21.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Goiás, Minas Gerais, São Paulo), Paraguay.

***Aglaoschema dulce* (Napp & Martins, 1988)**

*Orthoschema (Orthoschema) dulce* Napp & Martins, 1988: 483, fig. 2.

*Aglaoschema dulce*; Napp, 1994: 659; 2007: 800, fig. 7.

**Type locality:** Holotype female: Brazil, Mato Grosso do Sul: Corumbá (Urucum) (CUIC).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Goiás, Minas Gerais, São Paulo), Paraguay.

***Aglaoschema ventrale* (Germar, 1823)**

*Callichroma ventrale* Germar, 1823: 494.

*Chrysopraxis ventralis*; Audinet-Serville, 1834b: 7.

*Orthostoma ventrale*; Germar, 1839: 330.

*Orthoschema ventrale*; Aurivillius, 1910: 157.

*Aglaoschema ventrale*; Napp, 1994: 65; 2007: 802, fig. 9, 26.

**Type locality:** Holotype: Brazil (ZSMC).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones).

***Chlorethe* Bates, 1867****Key to species of *Chlorethe* from the Brazilian state of Mato Grosso do Sul**

1. Body stouter; antennomere IV in male slightly longer than half of prothoracic length; elytra slightly longer than 2.0 times humeral width; metafemora in male surpassing elytral apex; metatibiae widened..... *C. brachyptera* Zajciw, 1963
- Body slender; antennomere IV in male about as long as prothorax; elytra slightly longer than 2.5 times humeral width; metafemora in male not reaching elytral apex; metatibiae slender .....  
..... *C. scabrosa* Zajciw, 1963

***Chlorethe brachyptera* Zajciw, 1963**

*Chlorethe brachyptera* Zajciw, 1963b: 416, fig. 2; Napp, 1998: 86, fig. 42-44, 48.

**Type locality:** Holotype male: Brazil, Paraná: Rondon (MNRJ – destroyed in fire).

**Distribution:** Brazil (Mato Grosso do Sul, Paraná, Santa Catarina).

***Chlorethe scabrosa* Zajciw, 1963**

*Chlorethe scabrosa* Zajciw, 1963b: 418, fig. 3; Napp, 1998: 87, fig. 31-41, 47, 50.

**Type locality:** Holotype male: Brazil, Paraná: Rondon (MNRJ – destroyed in fire).

**Distribution:** Brazil (Mato Grosso do Sul, Espírito Santo, Rio de Janeiro, Paraná, Santa Catarina, Rio Grande do Sul), Argentina (Misiones).

***Cosmoplatidius* Gounelle, 1911*****Cosmoplatidius simulans* (Bates, 1870)**

*Pteroplatus simulans* Bates, 1870b: 428.

*Cosmoplatidius simulans*; Napp & Martins, 2006: 472, fig. 3, 8, 14 (syn.).

**Type locality:** Lectotype: Brazil, Amazonas: Ega [Tefé] (MNHN).

**Distribution:** Ecuador, Peru, French Guiana, Brazil (Amazonas, Pará, Rondônia, Goiás, Mato Grosso do Sul, Pernambuco), Bolivia (Santa Cruz).

**Orthostoma Lacordaire, 1830**  
**Orthostoma abdominale (Gyllenhal, 1817)**

*Cerambyx abdominalis* Gyllenhal, 1817: 157.  
*Orthostoma abdominalis*; Lacordaire, 1830: 174.

**Type locality:** Holotype male: "Ile de France" (UZIU).

**Distribution:** Colombia, Ecuador, Peru, Brazil (Amazonas, Pará, Acre, Rondônia, Maranhão, Mato Grosso, Mato Grosso do Sul, Goiás, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Santiago del Estero, Misiones).

**Dichophyiini Gistel, 1848**  
**Allodemus Zajciw, 1962**  
**Allodemus tricolor (Perty, 1832)**

*Callidium tricolor* Perty, 1832: 91, pl. 18, fig. 9.  
*Allodemus tricolor*; Monné & Giesbert, 1992: 251.

**Type locality:** Holotype female Brazil: "flumen S. Francisci" (ZSMC).

**Distribution:** Brazil (Paraíba, Bahia, Minas Gerais, São Paulo, Mato Grosso do Sul), Bolivia (Santa Cruz), Paraguay, Argentina, Uruguay.

**Chrysoprasia Audinet-Serville, 1834**

**Key to species of Chrysoprasia from the Brazilian state of Mato Grosso do Sul**

- A) Group with bicolorous elytra or elytra unicolorous and prothorax bicolorous or entirely orangish.
1. Elytra bicolorous; pronotum unicolorous .... *C. basalis* Chevrolat, 1859  
— Elytra unicolorous; pronotum bicolorous .... *C. collaris* Chevrolat, 1859
- B) Group with elytra and prothorax with metallic color and ventrites with blackish or metallic color.
1. Antennomeres III-V with distinct spine on inner apex, almost as long as pedicel ..... 2  
— Antennomeres III-V without apical spine or with slightly conspicuous spine ..... 3
- 2(1). Metaventrite finely punctate ..... *C. valida* Bates, 1870  
— Metaventrite coarsely punctate ..... *C. aeneiventris* Bates, 1870
- 3(1). Metatibiae strongly flattened; metafemora about as long as elytra ...  
..... *C. auriventris auriventris* Redtenbacher, 1868  
— Metatibiae subcylindrical; metafemora shorter than elytra ..... 4
- 4(3). Sides of prothorax diverging backward... *C. chalybea* Redtenbacher, 1868  
— Sides of prothorax rounded ..... 5
- 5(4). Metaventrite and ventrites sparsely punctate .....  
..... *C. sapphirina* Gounelle, 1911  
— Metaventrite and ventrites densely punctate ..... *C. concolor* Redtenbacher, 1868

C) Group with elytra and prothorax with metallic color and ventrites with reddish brown or orangish color.

1. Scape not projected on outer apex ..... *C. nigrina* Bates, 1870  
— Scape projected on outer apex ..... *C. festiva* Audinet-Serville, 1834

D) Group with elytra with metallic cupreous, golden, bluish, or violaceous bands or maculae: *C. aurigena* (Germar, 1823).

**Chrysoprasia aeneiventris Bates, 1870**

*Chrysoprasia aeneiventris* Bates, 1870b: 416; Napp & Martins, 1997: 29, fig. 13.

**Syntypes locality:** Brazil meridional (MNHN).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Jujuy, Salta, Tucumán), Uruguay.

**Chrysoprasia aurigena (Germar, 1823)**

*Callichroma aurigena* Germar, 1823: 496.  
*Chrysoprasia aurigena*; Audinet-Serville, 1834b: 6; Napp & Martins, 1999: 149, fig. 4.

**Type locality:** Holotype: Brazil (ZSMC).

**Distribution:** Brazil (Mato Grosso, Goiás, Mato Grosso do Sul, Maranhão, Rio Grande do Norte, Paraíba, Pernambuco, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Bolivia (Santa Cruz, Tarija), Argentina (Corrientes, Misiones, Jujuy, Salta, Santiago del Estero, Tucumán, Córdoba, Santa Fé), Uruguay.

**Chrysoprasia auriventris auriventris Redtenbacher, 1868**

*Chrysoprasia auriventris* Redtenbacher, 1868: 195.  
*Chrysoprasia auriventris auriventris*; Napp & Martins 1999: 150.

**Syntypes locality:** Brazil, Rio de Janeiro (NHMW).

**Distribution:** Brazil (Mato Grosso do Sul, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones).

**Chrysoprasia basalis Chevrolat, 1859**

*Chrysoprasia basalis* Chevrolat, 1859: 27; Napp & Martins, 1995: 902, fig. 2.

**Type locality:** Holotype female: Brazil (BMNH).

**Distribution:** Brazil (Goiás, Mato Grosso, Mato Grosso do Sul, Distrito Federal, Paraíba, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Formosa, Santiago del Estero, Catamarca, Córdoba).

***Chrysoprasis chalybea* Redtenbacher, 1868**

*Chrysoprasis chalybea* Redtenbacher, 1868: 195; Napp & Martins, 1997: 33, fig. 15.

**Syntypes locality:** Brazil, Rio de Janeiro (NHMW).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Distrito Federal, Goiás, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay.

***Chrysoprasis collaris* Chevrolat, 1859**

*Chrysoprasis collaris* Chevrolat, 1859: 27; Napp & Martins, 1995: 909, fig. 5.

**Type locality:** Holotype: Brazil (BMNH).

**Distribution:** Brazil (Minas Gerais, Espírito Santo, Rio de Janeiro, Mato Grosso do Sul), Paraguay.

***Chrysoprasis concolor* Redtenbacher, 1868**

*Chrysoprasis concolor* Redtenbacher, 1868: 194; Napp & Martins, 1997: 35, fig. 20.

**Syntypes locality:** Brazil, Rio de Janeiro (NHMW).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones, Catamarca, Salta, Tucumán, Chaco, Santiago del Estero, Corrientes), Uruguay.

***Chrysoprasis festiva* Audinet-Serville, 1834**

*Chrysoprasis festiva* Audinet-Serville, 1834b: 7; Napp & Martins, 1998: 483, fig. 19 (syn.).

**Syntypes locality:** Cayenne (BMNH).

**Distribution:** Costa Rica, Panama, Venezuela, French Guiana, Guyana, Ecuador, Brazil (Amazonas, Pará, Mato Grosso, Goiás, Mato Grosso do Sul, Bahia, Minas Gerais,

Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Bolivia (Santa Cruz).

***Chrysoprasis nigrina* Bates, 1870**

*Chrysoprasis nigrina* Bates, 1870b: 417; Napp & Martins, 1998: 481, fig. 16.

**Syntypes locality:** Brazil meridional (MNHN).

**Distribution:** Brazil (Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo).

***Chrysoprasis sapphirina* Gounelle, 1911**

*Chrysoprasis sapphirina* Gounelle, 1911: 11; Napp & Martins, 1997: 33, fig. 16, 31.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Minas Gerais), Bolivia (Chuquisaca).

***Chrysoprasis valida* Bates, 1870**

*Chrysoprasis valida* Bates, 1870b: 416; Napp & Martins, 1997: 27, fig. 11, 29.

**Type locality:** Holotype: Brazil meridional (MNHN).

**Distribution:** Brazil (Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Bolivia (Chuquisaca).

***Mallosoma Audinet-Serville, 1834***

***Mallosoma zonatum* (Sahlberg, 1823)**

*Cerambyx zonatus* Sahlberg, 1823: 52, pl. 34, tbl. 3, fig. 1.  
*Mallosoma zonatum*; Germar, 1839: 330 (syn.).

**Type locality:** Holotype: Brazil (FMNH).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Goiás, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Córdoba, Misiones), Uruguay.

**Diorini Lane, 1950**

***Diorus* White, 1853**

***Diorus biapiculatus* White, 1853**

*Diorus biapiculatus* White, 1853: 135, pl. 4, fig. 3.

**Type locality:** Holotype female: Brazil (BMNH).

**Distribution:** French Guiana, Brazil (Acre, Goiás, Mato Grosso, Mato Grosso do Sul, Bahia, Espírito Santo, São Paulo, Paraná, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones).

**Eburiini Blanchard, 1845**  
**Beraba Martins, 1997**  
**Beraba cheilaria (Martins, 1967)**

*Eburodacrys cheilaria* Martins, 1967a: 51, fig. 3.  
*Beraba cheilaria*; Martins, 1999: 192.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (Estrada de Ferro Noroeste do Brasil) (MZSP).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul), Bolivia (Cochabamba, Santa Cruz), Paraguay.

**Cupanoscelis Gounelle, 1909**  
**Cupanoscelis heteroclita Gounelle, 1909**

*Cupanoscelis heteroclita* Gounelle, 1909: 619, fig. 15;  
Martins, 1999: 382, fig. 260-261.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Mato Grosso, Goiás, Mato Grosso do Sul, Maranhão, Piauí, Paraíba, Pernambuco, Bahia, Minas Gerais, Espírito Santo, São Paulo), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Santiago del Estero, Córdoba).

**Eburella Monné & Martins, 1973**  
**Eburella pumicosa Monné & Martins, 1973**

*Eburella pumicosa* Monné & Martins, 1973: 152, fig. 4-5;  
Martins, 1999: 148, fig. 93-94.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** Brazil (Rondônia, Mato Grosso, Mato Grosso do Sul), Paraguay, Bolivia (Santa Cruz).

**Eburodacrys White, 1853**

**Key to species of *Eburodacrys* from the Brazilian state of Mato Grosso do Sul**

1. Basal antennomeres black (rarely with dark reddish sulcus).....  
.....*E. obscura* Martins, 1973
- Basal antennomeres orange or orange with black apex..... 2
- 2(1). Antennomeres orange with black apex; tarsomeres I-II of males dilated.....  
.....*E. crassimana* Gounelle, 1909
- Antennomeres reddish or orange without dark apex; tarsomeres I-II of males not dilated..... 3

- 3(2). Elytra with elongate eburneous callosities ..... 4
- Elytra with rounded, elliptical or oval eburneous callosities ..... 11
- 4(3). Elytra with posterior half mostly black.....*E. seminigra* Gounelle, 1909
- Elytra reddish-orange to orange, without large black areas..... 5
- 5(4). Antemedian tubercles of prothorax located at the level of pronotal tubercles, which are developed and with rounded apex.....  
.....*E. tuberosa* Gounelle, 1909
- Antemedian tubercles of prothorax, when present, located anteriorly of pronotal tubercles..... 6
- 6(5). Pronotum with longitudinal black band including the tubercles or with black spots behind the tubercles.....  
.....*E. nemorivaga* Gounelle, 1909
- Pronotum without black bands, black area restricted to the tubercles ..... 7
- 7(6). Each elytron with two eburneous callosities from base to near apex (pronotal tubercles and antemedian and lateral tubercles of prothorax black)..... *E. vittata* (Blanchard, 1847)
- Elytra with interrupted eburneous callosities, or, if continuous, slightly contrasting with elytral color..... 8
- 8(7). Tubercles of pronotum of same color as pronotum .....  
..... *E. dubitata* White, 1855
- Tubercles of pronotum black (contrasting in color from remainder of pronotum) ..... 9
- 9(8). Posterior eburneous elytral callosities subcontiguous, separated by distance smaller than width of a callosity .....  
.....*E. assimilis* Gounelle, 1909
- Posterior eburneous elytral callosities separated by distance equivalent or greater than width of a callosity ..... 10
- 10(9). Anterolateral tubercle of pronotum distinct; sulcus of antennomere III shallow .....*E. punctipennis* White, 1853
- Anterolateral tubercle of pronotum absent; sulcus of antennomere III deep..... *E. cunusaia* Martins, 1997
- 11(3). Posterior eburneous elytral callosities with space between them; anterior margin of lateroposterior callosity not reaching inner posterior callosity or rarely reaching its apical fourth ..... 12
- Lateroposterior eburneous elytral callosities reaching anterior margin of inner posterior ..... 14
- 12(11). Elytral apices unarmed or with reduced external spine; coarse punctures adjacent to suture .....*E. truncata* Fuchs, 1956
- Elytral apices with distinct external spine; sides of suture without coarse punctures adjacent to suture..... 13
- 13(12). Lateral spines of prothorax of same color as prothorax .....  
.....*E. stahli* Aurivillius, 1893
- Lateral spines of prothorax black ..... *E. sexmaculata* (Olivier, 1790)
- 14(11). Pronotum with wrinkles, without punctures .....  
.....*E. fortunata* Lameere, 1884
- Pronotum with wrinkles and punctures, especially at sides.....  
.....*E. elegantula* Gounelle, 1909

***Eburodacrys assimilis* Gounelle, 1909**

*Eburodacrys assimilis* Gounelle, 1909: 625; Botero, 2017: 516, fig. 39.

**Type locality:** Lectotype male: Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Piauí, Maranhão, Mato Grosso, Goiás, Mato Grosso do Sul, São Paulo), Bolivia (Santa Cruz).

***Eburodacrys crassimana* Gounelle, 1909**

*Eburodacrys crassimana* Gounelle, 1909: 621, fig. 18; Botero, 2017: 517, fig. 48.

**Syntypes localities:** Brazil, Goiás: Jataí. Minas Gerais: Serra do Caraça. Diamantina (MNHN).

**Distribution:** Suriname, Venezuela, Brazil (Pará, Rondônia, Maranhão, Rio Grande do Norte, Mato Grosso, Goiás, Mato Grosso do Sul, Piauí, Paraíba, Bahia, Minas Gerais, Espírito Santo, São Paulo, Paraná, Santa Catarina), Colombia, Bolivia (Santa Cruz), Argentina (Catamarca, Santiago del Estero, Mendoza, Córdoba, Santa Fé, Misiones, Chaco).

***Eburodacrys cunusaia* Martins, 1997**

*Eburodacrys cunusaia* Martins, 1997a: 66, fig. 3; Botero, 2017: 517, fig. 50.

**Type locality:** Holotype female: Brazil, Bahia: Maracas (MZSP).

**Distribution:** Brazil (Maranhão, Mato Grosso, Mato Grosso do Sul, Goiás, Paraíba, Bahia, Minas Gerais), Bolivia (Tarija), Paraguay.

***Eburodacrys dubitata* White, 1853**

*Eburodacrys dubitata* White, 1853: 95; Botero, 2017: 513, fig. 52.

**Type locality:** Holotype: Brazil (BMNH).

**Distribution:** Brazil (Maranhão, Rondônia, Goiás, Mato Grosso do Sul, Piauí, Paraíba, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones, Buenos Aires), Uruguay.

***Eburodacrys elegantula* Gounelle, 1909**

*Eburodacrys elegantula* Gounelle, 1909: 631; Botero, 2017: 513, fig. 54.

**Type locality:** Lectotype male: Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Amazonas, Mato Grosso, Goiás, Mato Grosso do Sul), Peru, Bolivia (Santa Cruz).

***Eburodacrys flexuosa* Gounelle, 1909**

*Eburodacrys flexuosa* Gounelle, 1909: 627; Botero, 2017: 513, fig. 57.

**Syntypes localities:** Brazil, Goiás: Jataí; Minas Gerais: Serra do Caraça; Minas Gerais: Diamantina (MNHN).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Goiás, Distrito Federal, Paraíba, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo), Bolivia (Santa Cruz), Paraguay, Argentina (Salta, Chaco, Misiones, Córdoba).

***Eburodacrys fortunata* Lameere, 1884**

*Eburodacrys fortunata* Lameere, 1884: 87; Botero, 2017: 500, fig. 58.

**Type locality:** Lectotype male: Brazil, Minas Gerais: Barbacena (ISNB).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Goiás, Distrito Federal, Maranhão, Piauí, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Santa Catarina), Bolivia (Santa Cruz), Paraguay.

***Eburodacrys nemorivaga* Gounelle, 1909**

*Eburodacrys nemorivaga* Gounelle, 1909: 623; Botero, 2017: 506, fig. 21-23.

**Type locality:** Holotype male: Brazil, Goiás: Jataí (MNHN).

**Distribution:** Mexico (Sinaloa, Jalisco, Sonora, Oaxaca), Honduras, Nicaragua, Venezuela, Colombia, Brazil (Rondônia, Pará, Mato Grosso, Mato Grosso do Sul, Piauí, Goiás, Bahia, Minas Gerais, São Paulo), Bolivia (Santa Cruz, Tarija), Paraguay.

***Eburodacrys obscura* Martins, 1973**

*Eburodacrys obscura* Martins, 1973: 204, fig. 4; Botero, 2017: 494, fig. 81.

**Type locality:** Holotype male: Brazil, São Paulo: Botucatu (MZSP).

**Distribution:** Brazil (Maranhão, Goiás, Mato Grosso do Sul, Minas Gerais, São Paulo).

***Eburodacrys punctipennis* White, 1853**

*Eburodacrys punctipennis* White, 1853: 94; Botero, 2017: 497, fig. 88.

**Type locality:** Holotype: South America? (BMNH).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Goiás, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Paraguay.

***Eburodacrys seminigra* Gounelle, 1909**

*Eburodacrys seminigra* Gounelle, 1909: 622; Botero, 2017: 515, fig. 97.

**Syntypes localities:** Brazil, Goiás: Jataí; Minas Gerais: Serra do Caraça (MNHN, ISNB, MZSP).

**Distribution:** Brazil (Piauí, Bahia, Maranhão, Mato Grosso, Mato Grosso do Sul, Goiás, Minas Gerais, São Paulo, Paraná), Paraguay.

***Eburodacrys sexmaculata* (Olivier, 1790)**

*Cerambyx sex-maculatus* Olivier, 1790: 305.  
*Eburodacrys sexmaculata*; Botero, 2017: 515, fig. 100.

**Type locality:** Holotype male: Cayenne (MNHN).

**Distribution:** Venezuela, Colombia, Ecuador, Suriname, Guyana, French Guiana, Peru, Bolivia, Brazil (Amazonas, Mato Grosso do Sul, Maranhão, Rio Grande do Norte, Pernambuco, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul).

***Eburodacrys stahli* Aurivillius, 1893**

*Eburodacrys stahli* Aurivillius, 1893: 181, fig. 9; Botero, 2017: 516, fig. 103.

**Type locality:** Holotype female: Brazil, Rio Grande do Sul: São Leopoldo (NHRS).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Goiás, Distrito Federal, Maranhão, Piauí, Ceará, Minas Gerais, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Argentina (Misiones, Entre Ríos), Paraguay, Uruguay.

***Eburodacrys truncata* Fuchs, 1956**

*Eburodacrys truncata* Fuchs, 1956: 572; Botero, 2017: 498, fig. 110.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Rio Caraguatá (HSCV).

**Distribution:** Brazil (Maranhão, Rondônia, Mato Grosso, Mato Grosso do Sul, Goiás, Distrito Federal, Piauí, São Paulo), Bolivia (Santa Cruz), Paraguay.

***Eburodacrys tuberosa* Gounelle, 1909**

*Eburodacrys tuberosa* Gounelle, 1909: 625; Botero, 2017: 496, fig. 111.

**Type locality:** Lectotype male: Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Maranhão, Piauí, Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, São Paulo).

***Eburodacrys vittata* (Blanchard, 1847)**

*Eburia vittata* Blanchard, 1847: 208, pl. 21, fig. 6.  
*Eburodacrys vittata*; Aurivillius, 1912: 83 (cat.); Botero, 2017: 497, fig. 113.

**Syntype locality:** Bolivia, Santa Cruz (MNHN).

**Distribution:** Brazil (Paraíba, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul, Mato Grosso do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Tucumán, Santiago del Estero, Formosa, Chaco, Corrientes), Uruguay.

***Eburodacrystola* Melzer, 1928**

***Eburodacrystola pickeli* (Melzer, 1928)**

*Eburodacrys (Eburodacrystola) pickeli* Melzer, 1928: 146, pl. 24, fig. 1.  
*Eburodacrystola pickeli*; Martins, 1999: 209, fig. 126-128.

**Type locality:** Lectotype male: Brazil, Pernambuco: Tapera (MZSP).

**Distribution:** Brazil (Pará, Rondônia, Mato Grosso, Maranhão, Rio Grande do Norte, Sergipe, Piauí, Ceará, Pernambuco, Mato Grosso do Sul, Minas Gerais), Bolivia (Santa Cruz).

***Erosida* Thomson, 1861**

***Erosida formosa* (Blanchard, 1847)**

*Eburia formosa* Blanchard, 1847: 208, pl. 21, fig. 7.  
*Erosida formosa*; Martins, 1997a: 72; 1999: 169, fig. 101, 105.

**Syntypes locality:** Bolivia. Prov. de Yungas (MNHN).

**Distribution:** Bolivia (La Paz, Santa Cruz), Brazil (Pará, Rondônia, Maranhão, Mato Grosso do Sul).

***Pronuba lenkoi* Monné & Martins, 1974**

*Pronuba lenkoi* Monné & Martins, 1974: 25, fig. 1-2.

**Type locality:** Holotype female: Brazil, Mato Grosso do Sul: Corumbá (Serra do Urucum) (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul), Bolivia (Santa Cruz).



***Susuacanga* Martins, 1997**  
***Susuacanga octoguttata* (Germar, 1821)**

*Cerambyx octoguttatus* Germar, 1821: 168.  
*Eburia octoguttata*; White, 1853: 92.  
*Susuacanga octoguttata*; Martins, 1997a: 60; Botero, 2014: 522, fig. 17-23 (syn.).

**Type locality:** Holotype: Brazil (ZMHB).

**Distribution:** Colombia, Venezuela, Peru, Brazil (Amazonas, Pará, Acre, Rondônia, Maranhão, Mato Grosso, Mato Grosso do Sul, Goiás, Paraíba, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Beni, Pando, Santa Cruz), Paraguay, Argentina (Salta, Misiones).

***Uncieburia* Martins, 1997**

**Key to species of *Uncieburia* from the Brazilian state of Mato Grosso do Sul**

1. Occipital region and center of the base of the pronotum with black spot; apical third of femora black; prosternum with black areas ..... *U. quadrilineata* (Burmeister, 1865)
- Occipital region and center of the base of the pronotum without black spot; femora darkened only on extreme apex ..... *U. nigricans* (Gounelle, 1909)

***Uncieburia nigricans* (Gounelle, 1909)**

*Eburia rogersi* var. *nigricans* Gounelle, 1909: 618.  
*Uncieburia nigricans*; Martins, 1997a: 73 (syn.); 1999: 199, fig. 122-124.

**Syntypes locality:** Brazil, Goiás: Jataí; Minas Gerais: Serão de Diamantina (MNHN).

**Distribution:** Brazil (Maranhão, Alagoas, Piauí, Paraíba, Ceará, Bahia, Minas Gerais, São Paulo, Mato Grosso, Goiás, Mato Grosso do Sul), Bolivia (Santa Cruz, Tarija), Paraguay.

***Uncieburia quadrilineata* (Burmeister, 1865)**

*Eburia quadrilineata* Burmeister, 1865: 165.  
*Uncieburia quadrilineata*; Martins, 1997a: 73; 1999: 201, fig. 122.

**Syntypes locality:** Argentina, Santa Fé and Buenos Aires (MACN).

**Distribution:** Brazil (Mato Grosso do Sul, São Paulo), Argentina (Salta, La Rioja, Santiago del Estero, Mendoza, Córdoba, Santa Fé, Entre Ríos, Buenos Aires), Paraguay, Uruguay.

***Ectenessini* Martins, 1998**  
***Ectenessa* Bates, 1885**

**Key to species of *Ectenessa* from the Brazilian state of Mato Grosso do Sul**

1. Elytra with light bands or maculae ..... 2
- Elytra without light bands or maculae ..... 6
- 2(1). Pedicel, flagellomeres, and tibiae black ..... *E. villardi* Belon, 1902
- Pedicel, flagellomeres, and tibiae reddish or orangish ..... 3
- 3(2). Pronotum with two black maculae ..... *E. quadriguttata* (Burmeister, 1865)
- Pronotum without black maculae, sometimes, with posterior area blackish ..... 4
- 4(3). Each elytron with three or two eburneous, narrow longitudinal bands ..... *E. guttigera* (Lucas, 1857)
- Elytra without longitudinal light bands ..... 5
- 5(4). Light maculae on elytra occupying large area and with distinct longitudinal carina dividing them ..... *E. decorata* (Melzer, 1935)
- Light maculae on elytra without distinct longitudinal carina dividing them ..... *E. ocellata* (Gounelle, 1909)
- 6(1). Posterior region of elytra black or reddish-brown ..... *E. villardi* Belon, 1902
- Posterior region of elytra not contrasting with remaining surface ..... *E. argodi* Belon, 1902

***Ectenessa argodi* Belon, 1902**

*Ectenessa argodi* Belon, 1902: 15; Martins, 1998: 136, fig. 70-71, 146-150.

**Type locality:** Holotype female: Brazil, Minas Gerais: Uberaba (MNHN).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Goiás, Bahia, Minas Gerais, São Paulo).

***Ectenessa decorata* (Melzer, 1935)**

*Eurymerus decoratus* Melzer, 1935: 173.  
*Ectenessa decorata*; Napp & Martins, 1982a: 372; Martins, 1998: 150, fig. 142.

**Type locality:** Lectotype male: Brazil, São Paulo: São Paulo (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul, Minas Gerais, São Paulo, Paraná).

***Ectenessa guttigera* (Lucas, 1859)**

*Eurymerus guttiger* Lucas, 1859: 183, pl. 12, fig. 5.  
*Ectenessa guttigera*; Napp & Martins, 1982a: 372; Martins, 1998: 154, fig. 144.

**Type locality:** Holotype female: "Brésil intérieur" (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo).

***Ectenessa ocellata* (Gounelle, 1909)**

*Eurymerus ocellatus* Gounelle, 1909: 600.  
*Ectenessa ocellata*; Napp & Martins, 1982a: 376, fig. 121, 130, 131, 140, 165; Martins, 1998: 15, fig. 171-173.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Piauí, Maranhão, Bahia, Minas Gerais, São Paulo, Goiás, Mato Grosso do Sul), Paraguay.

***Ectenessa quadriguttata* (Burmeister, 1865)**

*Malacopterus quadriguttatus* Burmeister, 1865: 168.  
*Eurymerus quadriguttatus*; Lacordaire, 1869: 234.  
*Ectenessa quadriguttata*; Napp & Martins, 1982a: 372; Martins, 1998: 147.

**Type locality:** Holotype: Argentina, Tucumán (MACN).

**Distribution:** Brazil (Piauí, Mato Grosso, Mato Grosso do Sul, Minas Gerais, São Paulo, Paraná, Rio Grande do Sul), Bolivia (Santa Cruz), Argentina (Salta, Tucumán).

***Ectenessa villardi* Belon, 1902**

*Ectenessa villardi* Belon, 1902: 13; Napp & Martins, 1982a: 375; Martins, 1998: 141.

**Syntypes localities:** Brazil, Goiás: Jataí; Minas Gerais: Uberaba (MNHN).

**Distribution:** Brazil (Maranhão, Goiás, Mato Grosso, Mato Grosso do Sul, Piauí, Bahia, Minas Gerais, São Paulo), Bolivia (Santa Cruz, Tarija).

***Ectenessidia* Gounelle, 1909**

**Key to species of *Ectenessidia* from the Brazilian state of Mato Grosso do Sul**

1. Posterior fifth of elytra or entire elytra black or black with bluish reflections; center of pronotum in males microsculptured and posterior region without coarse punctures; areas of sexual punctation on prosternum of males as far apart as the ventral distance between eyes.....*E. nigriventris* (Belon, 1902)
- Elytra yellowish or orangish-yellow, sometimes with brown macula on posterior third, but always with apex not contrasting with remaining surface; pronotum of males entirely punctate-alveolate, without microsculpturing and without smooth areas; areas of sexual punctation on prosternum of males closer to each other than the ventral distance between eyes.....*E. varians* (Gounelle, 1909)

***Ectenessidia nigriventris* (Belon, 1902)**

*Ectenessa nigriventris* Belon, 1902: 15.  
*Ectenessidia nigriventris*; Napp & Martins, 1982a: 369, fig. 76-77, 152-157; Martins, 1998: 179, fig. 205-206, 208-216.

**Type locality:** Holotype male: Brazil, Minas Gerais: Uberaba (MNHN).

**Distribution:** Bolivia (Santa Cruz), Brazil (Maranhão, Goiás, Mato Grosso do Sul, Bahia, Minas Gerais), Paraguay.

***Ectenessidia varians* (Gounelle, 1909)**

*Ectenessa (Ectenessidia) varians* Gounelle, 1909: 604, fig. 9.-2, 5.  
*Ectenessidia varians*; Napp & Martins, 1982a: 30; Martins, 1998: 181.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Bolivia (Santa Cruz), Brazil (Goiás, Mato Grosso do Sul, Maranhão, Piauí, Bahia, Minas Gerais, Espírito Santo, São Paulo), Paraguay.

***Eurymerus Audinet-Serville, 1834*  
*Eurymerus eburioides* Audinet-Serville, 1834**

*Eurymerus eburioides* Audinet-Serville, 1834a: 566; Martins, 1998: 107, fig. 95-112.

**Type locality:** Holotype male: Brazil (BMNH).

**Distribution:** Bolivia (Santa Cruz), Brazil (Goiás, Distrito Federal, Mato Grosso do Sul, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Uruguay, Argentina (Salta, Tucumán, Córdoba, Mendoza, San Juan, Corrientes, Buenos Aires).

***Tricheurymerus* Jazciw, 1961  
*Tricheurymerus quadristigma* (Gounelle, 1909)**

*Eurymerus quadristigma* Gounelle, 1909: 602.  
*Tricheurymerus quadristigma*; Napp & Martins, 1982a: 358, fig. 80-81, 93-99.

**Syntypes localities:** Brazil, Goiás: Jataí; Argentina, Buenos Aires (MNHN).

**Distribution:** Brazil (Rondônia, Goiás, Maranhão, Mato Grosso do Sul, São Paulo), French Guiana, Bolivia (Santa Cruz), Paraguay, Argentina (Salta, Santa Fé, Buenos Aires).

**Elaphidiini Thomson, 1864*****Ambonus* Gistel, 1848****Key to species of *Ambonus* from the Brazilian state of Mato Grosso do Sul**

1. Basal maculae on elytra longitudinal....*A. distinctus* (Newman, 1840)  
 — Basal maculae on elytra rounded..... 2
- 2(1). Each elytron with two yellowish-white pubescent maculae, the posterior zigzag-shaped.....*A. interrogationis* (Blanchard, 1847)  
 — Each elytron with three yellowish-white pubescent maculae.....  
 .....*A. electus* (Gahan, 1904)

***Ambonus distinctus* (Newman, 1840)**

*Trichophorus distinctus* Newman, 1840: 6.

*Ambonus distinctus*; Costa et al., 1992: 916; Martins, 2005: 274, fig. 229.

**Type locality:** Holotype: Brazil (BMNH).

**Distribution:** French Guiana, Brazil (Amazonas, Maranhão, Goiás, Mato Grosso, Mato Grosso do Sul, Paraíba, Alagoas, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Beni, La Paz, Santa Cruz, Tarija), Paraguay, Argentina (Misiones, Jujuy, Salta, Tucumán, San Luis), Uruguay.

***Ambonus electus* (Gahan, 1904)**

*Trichophorus electus* Gahan, 1904: 254, pl. 28, fig. 8.

*Ambonus electus*; Duffy, 1953: 187; Martins, 2005: 277, fig. 230.

**Syntypes locality:** Brazil, Mato Grosso: Chapada (BMNH).

**Distribution:** Nicaragua, Colombia, Suriname, Venezuela, Brazil (Rondônia, Mato Grosso, Goiás, Mato Grosso do Sul, Rio Grande do Norte, Paraíba, Alagoas, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Salta, Jujuy, Santiago del Estero, Córdoba).

***Ambonus interrogationis* (Blanchard, 1847)**

*Trichophorus interrogationis* Blanchard, 1847: 208, pl. 21, fig. 9.

*Ambonus interrogationis*; Monné, 1993: 66; Martins, 2005: 280, fig. 232.

**Type locality:** Holotype male: Bolivia (MNHN).

**Distribution:** Brazil (Amazonas, Goiás, Mato Grosso, Mato Grosso do Sul, Maranhão, Rio Grande do Norte, Paraíba, Alagoas, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Gran-

do Sul), Bolivia (Beni, Santa Cruz, Tarija), Paraguay, Argentina (Catamarca, Salta, Santiago del Estero, Tucumán, Mendoza, Santa Fé, Corrientes, Entre Ríos, Buenos Aires).

***Amorupi* Martins, 2005*****Amorupi fulvoterminata* (Berg, 1889)**

*Malloecera fulvoterminata* Berg, 1889: 113.

*Paramalocera fulvoterminata*; Aurivillius, 1912: 100 (cat.).

*Amorupi fulvoterminata*; Martins, 2005: 262, fig. 201-214.

**Type locality:** Holotype: Argentina, Buenos Aires (MLPA).

**Distribution:** Brazil (Mato Grosso, Goiás, Alagoas, Paraíba, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, Mato Grosso do Sul), Bolivia (Santa Cruz), Argentina (Entre Ríos, Buenos Aires), Uruguay.

***Anelaphus* Linsley, 1936*****Anelaphus souzai* (Zajciw, 1964)**

(Fig. 2F-2G)

*Elaphidion souzai* Zajciw, 1964: 433, fig. 1.

*Anelaphus souzai*; Hrabovsky, 1987: 136; Martins, 2005: 310.

**Type locality:** Holotype male: Brazil, Ceará: Serra de Uruburetama (Rajada, Sitio Monte) (MNRJ – destroyed in fire).

**Distribution:** French Guiana, Brazil (Pará, Mato Grosso, Maranhão, Ceará, Alagoas, Sergipe, Paraíba, Pernambuco, São Paulo), Bolivia (Santa Cruz), Paraguay, northern Argentina (Salta, Chaco).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Porto Murtinho, Retiro Ingá, Fazenda Baguassu, 21°07'15.6"W, 57°04'45.9"W, 1 specimen, 22.VII.2022, T.R.F. Sinani and G. Saturno leg. (MNRJ).

***Aposphaerion* Bates, 1870*****Aposphaerion unicolor* (White, 1855)**

*Ibidion unicolor* White, 1855: 233.

*Xenoibidion unicolor*; Martins, 1968: 323, pl. 10, fig. 1, fig. 181, 183-184, 186, 190-191.

*Aposphaerion unicolor*; Martins, 2005: 217, fig. 177-182, 184.

**Type locality:** Holotype female: Brazil, Pará: Santarém (BMNH).

**Distribution:** Costa Rica, Colombia, Venezuela, Brazil (Amazonas, Pará, Goiás, Mato Grosso, Mato Grosso do Sul, Maranhão, Paraíba, Ceará, Bahia, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Bolivia (Santa Cruz), Paraguay, Argentina (Jujuy, Salta, Tucumán, Chaco, Corrientes, Buenos Aires).

### ***Appula* Thomson, 1864**

#### **Key to species of *Appula* from the Brazilian state of Mato Grosso do Sul**

1. Elytral integument bicolorous..... *A. lateralis* (White, 1853)
- Elytral integument unicolorous..... 2
- 2(1). Sutural angle of elytra with short spine; inner spur of metatibiae distinctly longer than the outer spur ... *A. argenteoapicalis* Fuchs, 1961
- Sutural angle of elytra without spine or with spicule; inner spur of metatibiae slightly longer than outer spur.....  
..... *A. eduardae* Franceschini, 2002

#### ***Appula argenteoapicalis* Fuchs, 1961**

*Appula argenteoapicalis* Fuchs, 1961b: 8; Martins, 2005: 200.

**Type locality:** Holotype: Bolivia, Beni: Rurrenabaque (HSCV).

**Distribution:** Peru, Bolivia (Beni, Cochabamba, La Paz, Santa Cruz), Brazil (Amazonas, Rondônia, Mato Grosso, Goiás, Mato Grosso do Sul).

#### ***Appula eduardae* Franceschini, 2002**

*Appula eduardae* Franceschini, 2002: 21, fig. 108-116, 130.

**Type locality:** Holotype female: Brazil, Mato Grosso: Sinop (Rodovia BR 163, km 500 a 600, 350 m) (MNRJ – destroyed in fire).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Goiás), Peru.

#### ***Appula lateralis* (White, 1853)**

*Mallocera lateralis* White, 1853: 113.

*Appula lateralis*; Lingafelter, 1998: 54, fig. 74; Franceschini, 2002: 11, fig. 21-39, 127.

**Syntypes locality:** Brazil (BMNH).

**Distribution:** French Guiana, Brazil (Bahia, Goiás, Mato Grosso, Mato Grosso do Sul, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina).

#### ***Eurysthea* Thomson, 1861 *Eurysthea hirta* (Kirby, 1818)**

*Stenocorus hirtus* Kirby, 1818: 441.

*Paramallocera hirta*; Aurivillius, 1912: 100 (cat.).

*Eurysthea hirta*; Martins, 2005: 349, fig. 5, 269-270, 279, 280-282, 287, 303-307.

**Type locality:** Holotype: Brazil (BMNH).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Paraíba, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Misiones), Uruguay.

#### ***Mallocera* Audinet-Serville, 1834 *Mallocera umbrosa* Gounelle, 1909**

*Mallocera umbrosa* Gounelle, 1909: 648; Martins, 2005: 60, fig. 2, 66.

**Syntypes localities:** Brazil, Goiás: Jataí; Minas Gerais: Diamantina (MNHN).

**Distribution:** Brazil (Distrito Federal, Goiás, Mato Grosso do Sul, Maranhão, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Jujuy).

#### ***Mephritus* Pascoe, 1866**

#### **Key to species of *Mephritus* from the Brazilian state of Mato Grosso do Sul**

1. Elytra with large yellow macula on anterior half .....  
..... *M. blandus* (Newman, 1841)
- Elytra without yellow maculae ..... *M. callidioides* (Bates, 1870)

#### ***Mephritus blandus* (Newman, 1841)**

*Nephalius blandus* Newman, 1841b: 112.

*Sphaerion blandum*; White, 1853: 106.

*Mephritus blandus*; Napp & Martins, 1982b: 79, fig. 18.

**Type locality:** Holotype: Brazil (BMNH).

**Distribution:** French Guiana, Suriname, Brazil (Rondônia, Goiás, Mato Grosso, Distrito Federal, Mato Grosso do Sul, Maranhão, Piauí, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (La Paz, Santa Cruz), Paraguay.

#### ***Mephritus callidioides* (Bates, 1870)**

*Sphaerion callidioides* Bates, 1870a: 272.

*Mephritus callidioides*; Napp & Martins, 1982b: 79.

**Syntypes locality:** Brazil, Pará: Santarém, Tapajós (MNHN).

**Distribution:** Brazil (Amazonas, Pará, Rondônia, Maranhão, Goiás, Mato Grosso do Sul, Distrito Federal, Mato Grosso, Rio Grande do Norte, Sergipe, Paraíba, Piauí, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo), Paraguay, Argentina.

***Nephalius* Newman, 1841**  
***Nephalius cassus* Newman, 1841**

*Nephalius cassus* Newman, 1841a: 94; Martins, 2005: 97, fig. 1, 6, 92.

**Type locality:** Holotype: Brazil, Rio de Janeiro (OXUM).

**Distribution:** Costa Rica, Colombia, French Guiana, Brazil (Roraima, Amazonas, Rondônia, Maranhão, Piauí, Mato Grosso, Mato Grosso do Sul, Goiás, Distrito Federal, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Paraguay.

***Pantonyssus* Bates, 1870**  
***Pantonyssus bitinctus* Gounelle, 1909**

*Pantonyssus nigriceps* var. *bitincta* Gounelle, 1909: 646.  
*Pantonyssus bitinctus*; Martins, 1995: 743.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Colombia, Bolivia (Santa Cruz), Brazil (Mato Grosso, Mato Grosso do Sul, Goiás, Maranhão, São Paulo).

***Periboeum* Thomson, 1864**

**Key to species of *Periboeum* from the Brazilian state of Mato Grosso do Sul**

1. Each elytron with yellowish or dark-brown central macula .....  
..... *P. ocellatum* Gounelle, 1909
- Elytra without maculae ..... 2
- 2(1). Frons and vertex densely pubescent ..... *P. pubescens* (Olivier, 1790)
- Frons and vertex glabrous ..... 3
- 3(2). Elytra reddish brown, widely darkened laterally; mesoventral process with two small tubercles ..... *P. umbrosum* Gounelle, 1909
- Elytra unicolorous, sometimes only apical spine black or with epipleural area black; mesoventral process without tubercles ..... 4
- 4(3). Pronotum and sides of prothorax with sericeous pubescence close to posterior margin ..... *P. paucispinum* (Lameere, 1890)
- Pronotum and sides of prothorax not pubescent ..... 5
- 5(4). Pronotum not sculptured ..... *P. acuminatum* (Thomson, 1861)
- Pronotum with wrinkles and punctures, sometimes not very distinct ..... 6
- 6(5). Elytral apex obliquely truncate, with outer angle slightly projected ...  
..... *P. terminatum* (Perroud, 1855)
- Elytral apex with outer spine ..... *P. piliferum* (Erichson, 1847)

***Periboeum acuminatum* (Thomson, 1861)**

*Nephalius acuminatus* Thomson, 1861: 245.  
*Periboeum acuminatum*; Thomson, 1864: 245; Martins, 2005: 227, fig. 196.

**Syntypes locality:** Brazil (MNHN).

**Distribution:** Brazil (Pará, Goiás, Mato Grosso do Sul, Rio Grande do Norte, Pernambuco, Alagoas, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Paraguay.

***Periboeum ocellatum* Gounelle, 1909**

*Periboeum ocellatum* Gounelle, 1909: 640; Martins, 2005: 236.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Mato Grosso, Goiás, Mato Grosso do Sul, Maranhão), Bolivia (Santa Cruz), Paraguay.

***Periboeum paucispinum* (Lameere, 1890)**

*Sphaerion paucispinum* Lameere, 1890: clxx.  
*Periboeum paucispinum*; Gounelle, 1907: 243; Martins, 2005: 238, fig. 193.

**Type locality:** Holotype male: Brazil, Minas Gerais: Uberaba (MNHN).

**Distribution:** Bolivia (Santa Cruz, Tarija), Brazil (Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Paraguay.

***Periboeum piliferum* (Erichson, 1847)**

*Mallocera pilifera* Erichson, 1847: 141.  
*Periboeum piliferum*; Napp & Martins, 1984: 129; Martins, 2005: 240, fig. 194.

**Type locality:** Holotype male: Peru (ZMHB).

**Distribution:** Peru, French Guiana, Brazil (Pará, Roraima, Acre, Maranhão, Mato Grosso, Mato Grosso do Sul, Goiás, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo), Bolivia (Santa Cruz).

***Periboeum pubescens* (Olivier, 1790)**

*Cerambyx pubescens* Olivier, 1790: 309.  
*Sphaerion pubescens*; White, 1853: 108.  
*Periboeum pubescens*; Lacordaire, 1869: 319; Martins, 2005: 242, fig. 195-196.

**Type locality:** Holotype: Cayenne (Unknown depository).

**Distribution:** Trinidad and Tobago, Colombia, Venezuela, Ecuador, French Guiana, Suriname, Guyana, Peru, Brazil (Amapá, Amazonas, Acre, Pará, Rondônia, Mato Grosso, Mato Grosso do Sul, Maranhão), Bolivia.

***Periboeum terminatum* (Perroud, 1855)**

*Sphaerion terminatum* Perroud, 1855: 374.  
*Periboeum terminatum*; Lacordaire, 1868: 319; Martins,  
2005: 244.

**Type locality:** Holotype male: Brazil. (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (La Paz), Paraguay, Argentina (Misiones).

***Periboeum umbrosum* Gounelle, 1909**

*Periboeum umbrosum* Gounelle, 1909:640; Martins, 2005: 245.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Goiás, Distrito Federal, Minas Gerais), Bolivia (Santa Cruz).

***Piezophidion Galileo & Martins, 1992***

***Piezophidion intricatum* Galileo & Martins, 1992**

*Piezophidion intricatum* Galileo & Martins, 1992: 60, fig. 1;  
Martins, 2005: 91, fig. 88.

**Type locality:** Holotype male: Paraguay, Central: Cerro Lambaré (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul), Bolivia (Santa Cruz, Tarija), Paraguay.

***Protomallocera* Martins & Napp, 1992**

***Protomallocera hilairei* (Gounelle, 1909)**

*Mallocera hilairei* Gounelle, 1909: 648.  
*Protomallocera hilairei*; Martins & Napp, 1992: 460;  
Martins, 2005: 62, fig. 68.

**Syntypes localities:** Brazil, Goiás: Jataí; Pernambuco: Serra de Comunaty (MNHN).

**Distribution:** Suriname, Brazil (Maranhão, Pernambuco, Mato Grosso, Goiás, Mato Grosso do Sul, Minas Gerais, São Paulo), Bolivia (Santa Cruz), Paraguay.

***Protosphaerion* Gounelle, 1909**

***Protosphaerion variabile* Gounelle, 1909**

*Protosphaerion variabile* Gounelle, 1909: 635, fig. 20;  
Martins, 2005: 322, fig. 245-249.

**Syntypes localities:** Brazil, Goiás: Jataí; Minas Gerais: Serra do Caraça; Sertão de Diamantina (MNHN).

**Distribution:** Brazil (Mato Grosso, Goiás, Mato Grosso do Sul, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones, Santa Fé), Uruguay.

***Sphaerioeme* Martins & Napp, 1992**

***Sphaerioeme rubristerna* Martins & Napp, 1992**

*Sphaerioeme rubristerna* Martins & Napp, 1992: 474, fig. 14.

**Type locality:** Holotype male: Brazil, São Paulo: Rio Claro (MZSP).

**Distribution:** Suriname, Brazil (Mato Grosso, Goiás, Mato Grosso do Sul, Maranhão, Piauí, Bahia, Minas Gerais, São Paulo, Paraná).

***Sphaerion* Audinet-Serville, 1834**

**Key to species of *Sphaerion* from the Brazilian state of Mato Grosso do Sul**

1. Elytra blackish or dark brown.....*S. sladeni* Gahan, 1904
- Elytra from yellowish to reddish brown ..... 2
- 2(1). Prothorax and elytra with dense pubescence.....*S. lentiginosum* Berg, 1889
- Prothorax and elytra without dense pubescence ..... *S. inerme* White, 1855

***Sphaerion inerme* White, 1853**

*Sphaerion inerme* White, 1853: 108; Martins, 2005: 110, fig. 97-99 (syn.).

**Type locality:** Holotype male: Brazil (BMNH).

**Distribution:** Brazil (Mato Grosso, Goiás, Mato Grosso do Sul, Paraíba, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Beni, Santa Cruz, Tarija), Paraguay, Argentina (Jujuy, Salta), Uruguay.

***Sphaerion lentiginosum* Berg, 1889**

*Sphaerion lentiginosum* Berg, 1889: 119; Martins, 2005: 113.

**Type locality:** Holotype: Argentina, Corrientes (MLPA).

**Distribution:** Brazil (Mato Grosso do Sul), Bolivia (Santa Cruz, Tarija), Argentina (Córdoba, Corrientes), Paraguay, Uruguay.

***Sphaerion sladeni* Gahan, 1904**

*Sphaerion sladeni* Gahan, 1904: 253, pl. 28, fig. 7; Martins, 2005: 114, fig. 93, 100.

**Type locality:** Holotype female: Central Brazil (BMNH).

**Distribution:** Brazil (Rondônia, Mato Grosso, Goiás, Maranhão, Mato Grosso do Sul, Bahia, Minas Gerais), Bolivia (Santa Cruz, Tarija), Paraguay.

### *Stizocera* Audinet-Serville, 1834

#### Key to species of *Stizocera* from the Brazilian state of Mato Grosso do Sul

1. Pronotum with transverse striae..... 2
- Pronotum without transverse striae ..... 3
- 2(1). Elytra metallic green.....*S. elegantula* (Perroud, 1855)
- Elytra from yellowish-brown to reddish-brown .....  
.....*S. plicicollis* (Germar, 1823)
- 3(1). General color from dark brown to blackish .....  
.....*S. tristis* (Guérin-Ménéville, 1844)
- General color from yellowish brown to reddish-brown ..... 4
- 4(3). Flagellomeres blackish .....*S. lissonota* (Bates, 1870)
- Flagellomeres from orangish brown to reddish brown ..... 5
- 5(4). Sides of male prothorax with sexual punctation .....  
.....*S. consobrina* Gounelle, 1909
- Sides of male prothorax without sexual punctation.....  
.....*S. armata* Audinet-Serville, 1834

### *Stizocera armata* Audinet-Serville, 1834

*Stizocera armata* Audinet-Serville, 1834b: 107; Martins, 2005: 162, fig. 155.

**Type locality:** Holotype male: Brazil (BMNH).

**Distribution:** Brazil (Maranhão, Piauí, Ceará, Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones).

### *Stizocera consobrina* Gounelle, 1909

*Stizocera consobrina* Gounelle, 1909: 642, fig. 21; Martins, 2005: 164, fig. 156.

**Syntypes localities:** Brazil, Goiás: Jataí; Bahia: Condeúba (MNHN).

**Distribution:** Brazil (Goiás, Distrito Federal, Mato Grosso do Sul, Maranhão, Piauí, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay.

### *Stizocera elegantula* (Perroud, 1855)

*Sphaerion elegantulum* Perroud, 1855: 381.  
*Castiale elegantula*; Gounelle, 1909: 646.  
*Stizocera elegantula*; Martins, 2005: 169.

**Type locality:** Holotype male: Brazil (MNHN).

**Distribution:** Colombia, Brazil (Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro), Paraguay.

### *Stizocera lissonota* (Bates, 1870)

*Periboeum lissonotum* Bates, 1870a: 274.  
*Stizocera lissonota*; Gounelle, 1907: 242; Martins, 2005: 176.

**Type locality:** Holotype male: Brazil, Pará: Tapajós (MNHN).

**Distribution:** Colombia, Brazil (Pará, Rondônia, Mato Grosso, Mato Grosso do Sul, Maranhão, Piauí, Goiás), French Guiana, Bolivia (Beni, Santa Cruz).

### *Stizocera plicicollis* (Germar, 1823)

*Cerambyx (Stenocorus) plicicollis* Germar, 1823: 506.  
*Elaphidion plicicollis*; Germar, 1839: 330.  
*Sphaerion plicicolle*; White, 1853: 197.  
*Periboeum plicicollis*; Lacordaire, 1869: 319.  
*Stizocera plicicollis*; Gounelle, 1907: 242; Martins, 2005: 185, fig. 9, 161, 163.

**Type locality:** Holotype: Brazil (ZMHB).

**Distribution:** Mexico (Jalisco, Sonora), Panama, Colombia, Trinidad, Venezuela, Ecuador, French Guiana, Brazil (Roraima, Rondônia, Mato Grosso, Goiás, Distrito Federal, Mato Grosso do Sul, Maranhão, Piauí, Paraíba, Ceará, Sergipe, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Tarija), Paraguay, Argentina (Salta, Misiones), Uruguay.

### *Stizocera tristis* (Guérin-Ménéville, 1844)

*Sphaerion triste* Guérin-Ménéville, 1844: 233.  
*Stizocera tristis*; Gounelle, 1909: 643; Martins, 2005: 195, fig. 167.

**Type locality:** Holotype: Bolivia (Unknown depository).

**Distribution:** Brazil (Rondônia, Mato Grosso, Goiás, Distrito Federal, Mato Grosso do Sul, Maranhão, Piauí, Bahia, Minas Gerais, São Paulo), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Jujuy).

### Hesperophanini Mulsant, 1839

#### *Anoplomerus* Guérin-Ménéville, 1844 *Anoplomerus buqueti* Belon, 1890

*Anoplomerus buqueti* Belon, 1890: ix; Martins & Galileo, 1999: 82, fig. 39.

**Syntypes locality:** Brazil, Minas Gerais: Uberaba (MNHN).

**Distribution:** Brazil (Pará, Mato Grosso, Mato Grosso do Sul, Goiás, Bahia, Minas Gerais, Rio de Janeiro, São Paulo, Santa Catarina), Paraguay, Argentina (Formosa, Santa Fé).

***Eusapia* Gounelle, 1909**  
***Eusapia amazonica* (White, 1855)**

*Obrium amazonicum* White, 1855: 240.  
*Hesperophanes amazonicus*; Bates, 1870a: 259.  
*Eusapia amazonica*; Hüdepohl, 1988: 525, fig. 1, 2 (syn.);  
Martins & Galileo, 1999: 28, fig. 16.

**Type locality:** Holotype female: Brazil, Pará: Santarém (BMNH).

**Distribution:** French Guiana, Suriname, Brazil (Amazonas, Pará, Mato Grosso, Goiás, Mato Grosso do Sul, Maranhão, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Peru, Bolivia (La Paz, Santa Cruz), Paraguay, Argentina (Misiones).

***Phrynocris* Bates, 1867**  
***Phrynocris notabilis* Bates, 1867**

*Phrynocris notabilis* Bates, 1867: 26; Martins & Galileo, 1999: 18, fig. 9-12.

**Type locality:** Holotype male: Brazil, Amazonas: Ega [Tefé] (MNHN).

**Distribution:** Costa Rica, French Guiana, Ecuador, Brazil (Amazonas, Pará, Rondônia, Maranhão, Mato Grosso, Mato Grosso do Sul, Goiás).

**Hexoplonini Martins, 2006**  
***Gnomidolon* Thomson, 1864**  
***Gnomidolon brethesi* Bruch, 1908**

*Gnomidolon brethesi* Bruch, 1908: 204; Martins, 2006: 134, fig. 135.

**Syntypes locality:** Argentina, Tucumán and Chaco (MACN).

**Distribution:** Brazil (Goiás, Mato Grosso, Mato Grosso do Sul), Bolivia (Tarija), Paraguay, Argentina (Tucumán, Salta, Formosa, Chaco).

***Hexoplon* Thomson, 1864**

**Key to species of *Hexoplon* from the Brazilian state of Mato Grosso do Sul**

1. Superior half of frons and vertex with sericeous pubescence .....  
.....*H. uncinatum* Gounelle, 1909

- Head without sericeous pubescence, except on anterior region of antennal tubercles ..... 2  
2(1). Whitish macula on the anterior half of the elytra distant from the central band and slightly obliquely downward from the margin to the suture; basal two-thirds of the inner side of the scape of males sulcate ..... *H. carissimum* (White, 1855)  
— Whitish macula on the anterior half of the elytra close to the central band and inclined upward from the margin to the suture; male scape without groove on the inner side .....  
..... *H. praetermissum* Bates, 1870

***Hexoplon carissimum* (White, 1855)**

*Ibidion carissimum* White, 1855: 223, pl. 5, fig. 9.  
*Octoplon carissimum*; Bates, 1870a: 295.  
*Hexoplon carissimum*; Gounelle, 1909: 657; Martins, 2006: 95, fig. 106.

**Type locality:** Holotype female: Brazil, Pará (BMNH).

**Distribution:** Venezuela, French Guiana, Peru, Brazil (Amazonas, Pará, Mato Grosso, Mato Grosso do Sul, Maranhão, Goiás), Bolivia (Santa Cruz).

***Hexoplon praetermissum* Bates, 1870**

*Hexoplon praetermissum* Bates, 1870b: 442; Martins, 2006: 87.

**Type locality:** Holotype female: Brazil, Pará: Tapajós (MNHN).

**Distribution:** Colombia, Brazil (Pará, Goiás, Mato Grosso, Mato Grosso do Sul, Pernambuco, Minas Gerais, Espírito Santo).

***Hexoplon uncinatum* Gounelle, 1909**

*Hexoplon uncinatum* Gounelle, 1909: 659; Martins, 2006: 115, fig. 107, 126.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** French Guiana, Peru, Brazil (Maranhão, Ceará, Piauí, Goiás, Mato Grosso, Mato Grosso do Sul, Goiás, São Paulo, Paraná), Bolivia (Pando, Santa Cruz), Paraguay, Argentina (Formosa).

***Opthalmoplon* Martins, 1965**  
***Opthalmoplon inerme* Martins, 1965**

*Opthalmoplon inerme* Martins, 1965b: 124, fig. 7, 10, 15.

**Type locality:** Holotype female: French Guiana, Territoire Pénitentiaire: St. Jean (USNM).

**Distribution:** Guyana, French Guiana, Brazil (Amazonas, Pará, Rondônia, Mato Grosso, Piauí, Maranhão, Mato Grosso do Sul), Bolivia (Santa Cruz).



***Pronoplion* Martins, 1967**  
***Pronoplion rubriceps* (Gounelle, 1909)**

*Gnomidolon rubriceps* Gounelle, 1909: 662.  
*Pronoplion rubriceps*; Martins, 1967b: 318, pl. 2, fig. 1.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Maranhão, Piauí, Goiás, Mato Grosso, Mato Grosso do Sul, Minas Gerais), Bolivia (Santa Cruz), Paraguay.

***Stenygra* Audinet-Serville, 1834**  
***Stenygra conspicua* (Perty, 1832)**

*Stenochorus conspicuus* Perty, 1832: 91, pl. 18, fig. 11.  
*Stenygra conspicua*; White, 1855: 221; Martins, 2006: 36, fig. 29-31, 34-38.

**Type locality:** Holotype female: Brazil, Rio de Janeiro (ZSMC).

**Distribution:** Brazil (Amazonas, Pará, Mato Grosso, Mato Grosso do Sul, Paraíba, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná), Bolivia (Pando), Paraguay, Argentina (Misiones, Corrientes).

***Tetroplon* Aurivillius, 1899**  
***Tetroplon caudatum caudatum* Aurivillius, 1899**

*Tetroplon caudatum* Aurivillius, 1899: 259, fig. 13.  
*Tetroplon caudatum caudatum*; Martins, 1967b: 302, fig. 178, pl. 6, fig. 3.

**Type locality:** Holotype: Brazil, Santa Catarina (NHRS).

**Distribution:** Brazil (Amazonas (?), Mato Grosso, Goiás, Mato Grosso do Sul, São Paulo, Santa Catarina), Bolivia (Santa Cruz); Paraguay, Argentina (Formosa, Misiones, Chaco, Corrientes).

***Methiini* Thomson, 1860**  
***Methia***  
***Methia fischeri* Melzer, 1923**

*Methia fischeri* Melzer, 1923b: 531, pl. 1; Martins, 1981: 11 (syn.).

**Type locality:** Holotype male: Brazil, Rio de Janeiro: Rio de Janeiro (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul, Alagoas, Sergipe, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Rio Grande do Sul), Paraguay, Argentina (Tucumán).

***Molorchini* Gistel, 1848**  
***Merionoedopsis* Gounelle, 1911**  
***Merionoedopsis aeneiventris* Gounelle, 1911**  
**(Fig. 2H-2I)**

*Merionoedopsis aeneiventris* Gounelle, 1911: 13.

**Syntypes localities:** Brazil, Goiás: Jataí; Minas Gerais: Diamantina; Argentina, Misiones (MNHN).

**Distribution:** Brazil (Goiás, Minas Gerais, São Paulo, Rio Grande do Sul), Paraguay, Argentina (Misiones).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Bodoquena, Fazenda Pitangueiras, 20°54'29.5"S, 58°36'52.0"W, 1 specimen, 03.IX.2022, T.R.F. Sinani, M. Baptista and G.L. Vilhanueva leg. (MNRJ).

***Neocorini* Martins, 2005**  
***Neocorus* Thomson, 1864**  
***Neocorus ibidionoides* (Audinet-Serville, 1834)**

*Stenygra ibidionoides* Audinet-Serville, 1834b: 98.  
*Neocorus ibidionoides*; Thomson, 1864; Martins & Meyer, 1966: 53, 15 fig. (larva, pupa, biol.).

**Type locality:** Holotype: Brazil (BMNH).

**Distribution:** French Guiana, Brazil (Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Misiones).

***Tropidini* Martins & Galileo, 2007**  
***Neoibidionina* Monné, 2012**  
***Coleroidion* Martins, 1969**  
***Coleroidion leucotrichum* (Martins, 1960)**

*Octoplion leucotrichum* Martins, 1960c: 177, fig. 3, 8.  
*Coleroidion leucotrichum*; Martins, 1969: 831, fig. 419; Martins & Galileo, 2007b: 213, fig. 214.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul), Argentina (Formosa, Chaco).

***Compsibidion* Thomson, 1864**

**Key to species of *Compsibidion* from the Brazilian state of Mato Grosso do Sul**

1. Elytral apex rounded.....*C. crassipede* Martins, 1971
- Elytral apex with spine on outer angle.....2
- 2(1). Antennomere III in males not carinate...*C. angulare* (Thomson, 1867)
- Antennomere III in males carinate.....*C. campestre* (Gounelle, 1909)



**Figure 2.** Dorsal habitus. (A) *Juiaparus mexicanus* (Thomson, 1861), female, Bolivia, Guanay. (B-C) *Jupoata rufipennis* (Gory, 1831): (B) Male, Brazil, Santa Catarina; (C) Female, Brazil, Santa Catarina, Blumenau. (D-E) *Butherium erythropus* (Lucas, 1859): (D) Male, Brazil, Santa Catarina, Timbó; (E) Female, Brazil, Santa Catarina, Trombudo Alto. (F-G) *Anelaphus souzai* (Zajciw, 1964): (F) Male, Bolivia, Santa Cruz; (G) Paratype female, Brazil, Mato Grosso. (H-I) *Merionoedopsis aeneiventris* Gounelle, 1911: (H) Male, Brazil, Santa Catarina; (I) Female, Brazil, Santa Catarina.

***Compsibidion angulare* (Thomson, 1867)  
(Fig. 3A-2B)**

*Octoplon angulare* Thomson, 1867: 159.

*Compsibidion angulare*; Martins, 1969: 739, fig. 390.

**Type locality:** Holotype female: Brazil (MNHN).

**Distribution:** Brazil (Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Campo Grande, INBIO UFMS, 2 specimens, 19.X.2021, R. Olivier leg. (MNRJ); INBIO, Unidade 18, 1 specimen, 2021, T.R.F. Sinani leg. (MNRJ).

***Compsibidion campestre* (Gounelle, 1909)**

*Octoplon campestre* Gounelle, 1909: 667.

*Compsibidion campestre*; Martins, 1969: 690, fig. 376, 383.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso, Mato Grosso do Sul, Maranhão, Pernambuco, Piauí, Alagoas, Paraíba, Bahia, Minas Gerais, São Paulo), Bolivia (Santa Cruz, Tarija), Argentina (Jujuy, Salta, Tucumán, Santiago del Estero).

***Compsibidion crassipede* Martins, 1971**

*Compsibidion crassipede* Martins, 1971a: 1460; Martins & Galileo, 2007b: 288, fig. 292.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** Brazil (Bahia, São Paulo, Mato Grosso do Sul), Paraguay, Argentina (Salta).

***Cycnidolon* Thomson, 1864  
*Cycnidolon obliquum* Martins, 1969**

*Cycnidolon obliquum* Martins, 1969: 852, fig. 453; Martins & Galileo, 2007a: 234, fig. 239.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Três Lagoas (Fazenda Dr. José Mendes) (MZSP).

**Distribution:** Venezuela, French Guiana, Brazil (Pará, Mato Grosso, Goiás, Mato Grosso do Sul, Maranhão, Ceará, Piauí, Bahia, Minas Gerais), Peru, Bolivia (Santa Cruz), Paraguay.

***Ophtalmibidion* Martins, 1969**

**Key to species of *Ophtalmibidion* from the Brazilian state of Mato Grosso do Sul**

1. Elytral apex without spine on outer angle ..... *O. luscum* Martins, 1971
- Elytral apex with spine on outer angle..... *O. tetrops* (Bates, 1870)

***Ophtalmibidion luscum* Martins, 1971**

*Ophtalmibidion luscum* Martins, 1971a: 1449, fig. 705; Martins & Galileo, 2007a: 203, fig. 201.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Corumbá (SMFD).

**Distribution:** Brazil (Mato Grosso do Sul, Espírito Santo).

***Ophtalmibidion tetrops* (Bates, 1870)**

*Octoplon tetrops* Bates, 1870a: 291.

*Ophtalmibidion tetrops*; Martins, 1969: 662, fig. 359, pl. 20, fig. 4; Martins & Galileo, 2007a: 201, fig. 197, 199.

**Type locality:** Holotype male: Brazil, Pará: Tapajós (MNHN).

**Distribution:** Brazil (Pará, Mato Grosso, Mato Grosso do Sul, Minas Gerais, São Paulo), Peru, Bolivia (Santa Cruz), Paraguay, Argentina (Misiones).

***Compsina* Martins & Galileo, 2007  
*Compsa* Perty, 1832**

**Key to species of *Compsa* from the Brazilian state of Mato Grosso do Sul**

1. Elytra mostly black with oblique whitish bands... *C. albopicta* Perty, 1832
- Elytra mostly reddish-brown with both black and white oblique bands ..... *C. quadriguttata* (White, 1855)

***Compsa albopicta* Perty, 1832  
(Fig. 3C-3D)**

*Compsa albopicta* Perty, 1832: 92, pl. 18, fig. 13; Martins, 2009: 87, fig. 95-97, 100-101, 103-112.

**Type locality:** Holotype: Brazil, Rio de Janeiro: "Habitat circa Sebastianopolin [near Rio de Janeiro]" (ZSMC).

**Distribution:** Peru, Brazil (Goiás, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Misiones).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Campo Grande, RPPN UFMS, 1 specimen, 14.V.2022, D. Matos-Silva leg. (MNRJ).

***Compsa quadriguttata* (White, 1855)**

*Ibidion quadriguttatum* White, 1855: 226.

*Compsa quadriguttata*; Bates, 1870a: 303; Martins, 2009: 96, fig. 98, 120.

**Type locality:** Holotype: Brazil, Pará: Tapajós (BMNH).

**Distribution:** Colombia, Ecuador, Peru, French Guiana, Brazil (Amazonas, Pará, Rondônia, Mato Grosso, Mato Grosso do Sul, Goiás, Maranhão, São Paulo), Bolivia (Beni, Cochabamba, La Paz, Santa Cruz, Pando), Paraguay.

***Hadroibidion* Martins, 1967**

***Hadroibidion pullum* (Martins, 1962)**

*Hormathus pullus* Martins, 1962b: 93, fig. 1, 5.

*Hadroibidion pullum*; Martins, 1967a: 48; 2009: 71, fig. 82, 84.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Campo Grande (MNRJ – destroyed in fire).

**Distribution:** Brazil (Mato Grosso do Sul).

***Heterachthes* Newman, 1840**

***Heterachthes flavicornis* (Thomson, 1865)**

*Ibidion flavicorne* Thomson, 1865: 571.

*Heterachthes flavicornis*; Aurivillius, 1912: 111; Martins, 2009: 194, fig. 193, 231.

**Type locality:** Holotype male: Brazil (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Misiones, Entre Ríos, Buenos Aires), Uruguay.

***Kolonibidion* Martins, 2009**

***Kolonibidion femoratum* (Martins, 1971)**

*Compsibidion femoratum* Martins, 1971a: 1457, fig. 706.

*Kolonibidion femoratum*; Martins, 2009: 78, fig. 89.

**Type locality:** Holotype male: Argentina, Chaco: Resistencia (MLPA).

**Distribution:** Brazil (Maranhão, Paraíba, Mato Grosso do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Chaco).

***Neocompsa* Martins, 1965**

***Neocompsa serrana* (Martins, 1962)**

*Compsa serrana* Martins, 1962c: 140, fig. 3.

*Neocompsa serrana*; Martins, 1965a: 100.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Corumbá (Serra do Urucum) (MZSP).

**Distribution:** Brazil (Alagoas, Mato Grosso do Sul), Argentina (Chaco).

***Tropidina* Martins & Galileo, 2007**

***Diasporidion* Martins, 1968**

**Key to species of *Diasporidion* from the Brazilian state of Mato Grosso do Sul**

1. General color orangish red; profemora without depression on outer base ..... *D. duplicatum* (Gounelle, 1909)
- General color dark brown; profemora with depression on outer base. .... *D. argentinense* (Martins, 1962)

***Diasporidion argentinense* (Martins, 1962)**

*Ibidion argentinense* Martins, 1962c: 152, fig. 28, 30.

*Diasporidion argentinense*; Martins, 1968: 520, fig. 315; Martins & Galileo, 2007a: 26, fig. 35.

**Type locality:** Holotype male: Argentina, Jujuy: Ledesma (MNRJ).

**Distribution:** Brazil (Mato Grosso do Sul), Bolivia (Santa Cruz, Tarija), Argentina (Jujuy).

***Diasporidion duplicatum* (Gounelle, 1909)**

*Ibidion (Brydaeon) duplicatum* Gounelle, 1909: 677.

*Diasporidion duplicatum*; Martins, 1968: 516, fig. 297, 302, 307, 309-311, 314, 315 (syn.); Martins & Galileo, 2007a: 27, fig. 17, 35-40.

**Type locality:** Holotype male: Brazil, Goiás: Jataí (MNHN).

**Distribution:** Mexico (Morelos, Veracruz, Oaxaca, Chiapas), Nicaragua, El Salvador, Panama, Colombia, Venezuela, French Guiana, Brazil (Maranhão, Piauí, Goiás, Mato Grosso, Mato Grosso do Sul, São Paulo), Paraguay.

***Gnomibidion* Martins, 1968**

**Key to species of *Gnomibidion* from the Brazilian state of Mato Grosso do Sul**

1. Pronotum with central, transverse and slightly projected elevation ..... *G. translucidum* (Martins, 1960)
- Pronotum with two spiniform tubercles or two gibbosities about middle ..... 2
- 2(1). Pronotum and sides of prothorax with sericeous pubescence ..... *G. fulvipes* (Thomson, 1865)
- Pronotum and sides of prothorax without sericeous pubescence ..... *G. denticolle* (Dalman, 1823)

***Gnomibidion denticolle* (Dalman, 1823)**

*Gnoma denticollis* Dalman, 1823: 68.

*Gnomibidion denticolle*; Martins, 1968: 590, fig. 326-328, 334, pl. 17, fig. 1; Martins & Galileo, 2007a: 43, fig. 50-52, 55.

**Type locality:** Holotype female: Brazil (NHRS).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Misiones).

***Gnomibidion fulvipes* (Thomson, 1865)**

*Ibidion fulvipes* Thomson, 1865: 571.

*Gnomibidion fulvipes*; Martins, 1968: 586, fig. 325, 330, 332-333; Martins & Galileo, 2007a: 45, fig. 49.

**Type locality:** Holotype male: Brazil (MNHN).

**Distribution:** French Guiana, Venezuela, Peru, Brazil (Acre, Pará, Rondônia, Mato Grosso, Goiás, Mato Grosso do Sul, Piauí, Pernambuco, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Salta, Chaco, Formosa, Misiones, Corrientes), Uruguay.

***Gnomibidion translucidum* (Martins, 1960)**

*Ibidion translucidum* Martins, 1960a: 93, fig. 3.

*Gnomibidion translucidum*; Martins, 1968: 601, pl. 17, fig. 3; Martins & Galileo, 2007a: 49, fig. 57.

**Type locality:** Holotype female: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** French Guiana, Brazil (Mato Grosso do Sul, Minas Gerais), Bolivia (Santa Cruz).

***Perissomerus* Gounelle, 1909****Key to subspecies of *Perissomerus hilairei***

1. Prothorax reddish ..... *P. hilairei hilairei* Gounelle, 1909
- Prothorax black ..... *P. hilairei bimaculatus* Gounelle, 1909

***Perissomerus hilairei hilairei* Gounelle, 1909**

*Perissomerus hilairei* Gounelle, 1909: 684.

*Perissomerus hilairei hilairei*; Martins, 1968: 564, fig. 321 (syn.); Martins & Galileo, 2007a: 81, fig. 83.

**Type locality:** Holotype: Brazil, Goiás: Jataí (MNHN).

**Distribution:** Peru, Brazil (Goiás, Mato Grosso, Mato Grosso do Sul), Bolivia (Santa Cruz).

***Perissomerus hilairei bimaculatus* Gounelle, 1909**

*Perissomerus hilairei* var. *bimaculata* Gounelle, 1909: 685.

*Perissomerus hilairei bimaculatus*; Martins, 1968: 567, fig. 321, pl. 16, fig. 3; Martins & Galileo, 2007a: 82, fig. 83, 84.

**Syntypes locality:** Brazil, São Paulo: Vale do Rio Pardo (afluente do Rio Paranapanema) (MNHN).

**Distribution:** Brazil (Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná), Paraguay.

***Psiloibidion* Martins, 1968*****Psiloibidion leucogramma* (Perty, 1832)**

*Cosmius leucogramma* Perty, 1832: 92, pl. 18, fig. 12.

*Ibidion (Ibidion) leucogramma*; Gounelle, 1909: 683.

*Psiloibidion leucogramma*; Martins, 1968: 512, fig. 298, 306, 313; Martins & Galileo, 2007a: 175, fig. 179.

**Type locality:** Holotype: Brazil, Minas Gerais: Between Tejuco [Diamantina] and the Rio São Francisco (ZSMC).

**Distribution:** Colombia, Venezuela, Brazil (Pará, Goiás, Mato Grosso, Mato Grosso do Sul, Maranhão, Piauí, Bahia, Minas Gerais, Espírito Santo, São Paulo), Bolivia (Beni, Santa Cruz), Paraguay, Argentina (Salta, Formosa).

***Thoracibidion* Martins, 1960****Key to species of *Thoracibidion* from the Brazilian state of Mato Grosso do Sul**

1. Elytra with anterior and posterior thirds reddish, and central third black ..... *T. fasciiferum* (Berg, 1889)
- Elytra black with yellowish-brown maculae ..... *T. flavipictum* (Perty, 1832)

***Thoracibidion fasciiferum* (Berg, 1889)**

*Ibidion fasciiferum* Berg, 1889: 110.

*Thoracibidion fasciiferum*; Martins, 1960b: 107, fig. 8; Martins & Galileo, 2007a: 62, fig. 64.

**Type locality:** Lectotype female: Argentina, Corrientes (MLPA).

**Distribution:** Brazil (Amazonas, Rondônia, Goiás, Mato Grosso, Mato Grosso do Sul, Espírito Santo, São Paulo, Santa Catarina, Rio Grande do Sul), Bolivia (Cochabamba, Santa Cruz), Paraguay, Argentina (Salta, Formosa, Chaco, Misiones, Corrientes).

### ***Thoracibidion flavopictum* (Perty, 1832)**

*Compsa flavopicta* Perty, 1832: 93, pl. 18, fig. 14.  
*Ibidion flavopictum*; Thomson, 1864: 215.  
*Octoplon flavopictum*; Gahan, 1904: 284.  
*Thoracibidion flavopictum*; Martins, 1960b: 106, fig. 9;  
Martins & Galileo, 2007a: 63, fig. 65, 69-72.

**Type locality:** Holotype: Brazil, Minas Gerais: Entre Tejuco [Diamantina] and the Rio São Francisco (ZSMC).

**Distribution:** Brazil (Goiás, Mato Grosso, Mato Grosso do Sul, Maranhão, Piauí, Rio Grande do Norte, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Salta).

### ***Tropidion* Thomson, 1867**

#### **Key to species of *Tropidion* from the Brazilian state of Mato Grosso do Sul**

1. Elytra with wide transverse black band after middle, remaining surface yellowish brown or orangish..... 2
  - Elytra with other color pattern..... 3
  - 2(1). Scape distinctly piriform; prothorax dark brown; pronotum with dense silvery pubescent band on side of posterior area .....  
..... *T. flechtmanni* Santos-Silva, Nascimento & Biffi, 2019
  - Scape not piriform; prothorax reddish; pronotum without bands of pubescence, at most with minute, transverse pubescence close to posterior margin ..... *T. zonapterum* (Martins, 1962)
  - 3(1). Pronotum without sericeous pubescence ..... 4
  - Pronotum with sericeous pubescence ..... 5
  - 4(3). Elytra apex truncate without projection on outer and sutural angles..  
..... *T. castaneum* Martins, 1968
  - Elytra with outer angle distinctly projected... *T. epaphum* (Berg, 1889)
  - 5(3). Elytra without distinct contrasting maculae ..... 6
  - Elytra with distinct contrasting maculae..... 7
  - 6(5). Elytra translucent..... *T. flavipenne* (Martins, 1964)
  - Elytra not translucent ..... *T. rusticum* (Gounelle, 1909)
  - 7(5). Elytral apex distinctly spiniform on outer angle..... 8
  - Elytral apex not or slightly spiniform on outer angle ..... 9
  - 8(7). Posterior third of elytra entirely blackish or dark brown .....  
..... *T. fairmairei* (Gounelle, 1909)
  - Posterior third of elytra not entirely dark.....  
..... *T. hermione* (Thomson, 1867)
  - 9(7). Pronotum without dense pubescence centrally .....  
..... *T. inermis* (Martins, 1962)
  - Pronotum with dense pubescence centrally .....  
..... *T. signatum punctatum* Martins, 1968 and *T. personatum* (Gounelle, 1909)
- Note:** Separation between *T. signatum signatum* (Audinet-Serville, 1834), *T. signatum punctatum* Martins, 1968, and *T. personatum* (Gounelle, 1909) is problematic.

### ***Tropidion castaneum* Martins, 1968**

*Tropidion castaneum* Martins, 1968: 383, fig. 213; Martins & Galileo, 2007a: 116, fig. 109.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** Brazil (Bahia, Minas Gerais, Mato Grosso do Sul), Bolivia (Santa Cruz), Paraguay.

### ***Tropidion epaphum* (Berg, 1889)**

*Ibidion epaphus* Berg, 1889: 111.  
*Tropidion epaphum*; Martins, 1968: 377, fig. 212 (lect., syn.).

**Type locality:** Lectotype: Argentina, Misiones (MLPA).

**Distribution:** Brazil (Goiás, Mato Grosso, Mato Grosso do Sul, Bahia, Minas Gerais, São Paulo), Bolivia (Santa Cruz), Paraguay, Argentina (Salta, Misiones).

### ***Tropidion fairmairei* (Gounelle, 1909)**

*Ibidion (Ibidion) fairmairei* Gounelle, 1909: 680.  
*Tropidion fairmairei*; Martins, 1968: 468, pl. 13, fig. 3 (syn.); Martins & Galileo, 2007a: 131, fig. 131.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Maranhão, Rondônia, Goiás, Mato Grosso, Mato Grosso do Sul), Bolivia (Santa Cruz), Paraguay.

### ***Tropidion flavipenne* (Martins, 1964)**

*Ibidion flavipenne* Martins, 1964: 139, fig. 4, 10.  
*Tropidion flavipenne*; Martins, 1968: 400, fig. 217, 225; Martins & Galileo, 2007a: 127, fig. 126.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul).

### ***Tropidion flechtmanni* Santos-Silva, Nascimento & Biffi, 2019**

*Tropidion flechtmanni* Santos-Silva et al., 2019a: 450, fig. 1-4.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Selvíria (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul).

### ***Tropidion hermione* (Thomson, 1867)**

*Ibidion (Tropidion) hermione* Thomson, 1867: 144.

*Tropidion hermione*; Martins, 1968: 478; fig. 277, 281, pl. 12, fig. 3.

**Type locality:** Holotype male: Brazil (MNHN).

**Distribution:** Brazil (Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones, Corrientes).

#### ***Tropidion inerme* (Martins, 1962)**

*Ibidion inerme* Martins, 1962a: 7, fig. 7, 16, 17b.

*Tropidion inerme*; Martins, 1968: 473, pl. 13, fig. 4; Martins & Galileo, 2007a: 143, fig. 132.

**Type locality:** Holotype female: Brazil, São Paulo: Leme (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul, Rio de Janeiro, São Paulo, Paraná).

#### ***Tropidion personatum* (Gounelle, 1909)**

*Ibidion (Ibidion) personatum* Gounelle, 1909: 678, fig. 29.

*Tropidion personatum*; Martins, 1968: 452, fig. 268 (syn.); Martins & Galileo, 2007a: 155.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso, Mato Grosso do Sul, Minas Gerais, São Paulo), Bolivia (Santa Cruz), Paraguay, Argentina (Salta, Tucumán, Formosa).

#### ***Tropidion rusticum* (Gounelle, 1909)**

*Ibidion (Ibidion) rusticum* Gounelle, 1909: 682.

*Tropidion rusticum*; Martins, 1968: 389, pl. 19, fig. 3; Martins & Galileo, 2007a: 160.

**Type locality:** Holotype male: Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso, Mato Grosso do Sul, Maranhão, Piauí, Ceará, Bahia, Minas Gerais, São Paulo), Bolivia (Tarija), Paraguay.

#### ***Tropidion signatum punctatum* Martins, 1968**

*Tropidion signatum punctatum* Martins, 1968: 438, fig. 255, 257; Martins & Galileo, 2007a: 164, fig. 157.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Corumbá (CMNH).

**Distribution:** Brazil (Goiás, Mato Grosso, Mato Grosso do Sul, Maranhão), Bolivia (Santa Cruz), Paraguay.

#### ***Tropidion zonapterum* (Martins, 1962)**

*Ibidion zonapterum* Martins, 1962a: 299, fig. 28.

*Tropidion zonapterum*; Martins, 1968: 379, pl. 11, fig. 1; Martins & Galileo, 2007a: 172, fig. 118.

**Type locality:** Holotype male: Brazil, São Paulo: Itápolis (Fazenda Palmeiras) (MZSP).

**Distribution:** Brazil (Mato Grosso, Goiás, Distrito Federal, Mato Grosso do Sul, Tocantins, Maranhão, São Paulo), Bolivia (Santa Cruz).

#### **Obriini Mulsant, 1839**

#### ***Obrium* Dejean, 1821**

#### **Key to species of *Obrium* from the Brazilian state of Mato Grosso do Sul**

1. Scape with apical cicatrix.....*O. cicatricosum* Gounelle, 1909
- Scape without apical cicatrix ..... 2
- 2(1). Reddish-brown anteapical band of elytra slightly inclined downward from the margin to the suture; elytra with six longitudinal rows of setae on middle of dorsal surface.....*O. multifarium* Berg, 1889
- Reddish-brown anteapical band of elytra oblique, ascending from the margin to the suture; elytra with four longitudinal rows of setae on middle of dorsal surface.....*O. vicinum* Gounelle, 1909

#### ***Obrium cicatricosum* Gounelle, 1909**

*Obrium cicatricosum* Gounelle, 1909: 686, fig. 30; Martins & Galileo, 2003b: 17, fig. 15-16.

**Syntype localities:** Brazil, Goiás: Jataí; Pernambuco: Serra de Comunaty (MNHN).

**Distribution:** Brazil (Mato Grosso, Goiás, Mato Grosso do Sul, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Salta, Chaco, Tucumán).

#### ***Obrium multifarium* Berg, 1889**

*Obrium multifarium* Berg, 1889: 109; Martins & Galileo, 2003b: 23, fig. 22.

**Type locality:** Holotype male: Argentina, Misiones: Corpus (MLPA).

**Distribution:** Brazil (Mato Grosso do Sul, Goiás, Minas Gerais, Rio de Janeiro, São Paulo), Paraguay, Argentina (Salta, Catamarca, Santiago del Estero, Chaco, Misiones, Córdoba, Corrientes, Entre Rios, Buenos Aires).

***Obrium vicinum* Gounelle, 1909**

*Obrium vicinum* Gounelle, 1909: 686; Martins & Galileo, 2003b: 26, fig. 23.

**Syntypes locality:** Brazil, Goiás: Jataí; Pernambuco: Serra do Comunaty (MLPA).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Goiás, Pernambuco, Bahia), Bolivia (Santa Cruz), Paraguay, Argentina (Salta Tucumán).

**Oemini Lacordaire, 1868**

**Oemina Lacordaire, 1868**

**Aponoeme Martnis, 1985**

***Aponoeme castanea* Martins & Galileo, 1997**

*Aponoeme castanea* Martins & Galileo, 1997: 110 (in Martins, 1997b).

**Type locality:** Holotype: Brazil, Mato Grosso do Sul: Três Lagoas (Horto Barra do Moeda) (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul), Paraguay.

**Argentinoeme Bruch, 1911**

***Argentinoeme schulzi* Bruch, 1911**

*Argentinoeme schulzi* Bruch, 1911: 165, fig. 1-4; Martins, 1997b: 62, fig. 33, 64-68.

**Syntypes locality:** Argentina, Córdoba (MACN).

**Distribution:** Brazil (Mato Grosso do Sul), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Córdoba).

**Limernaea Thomson, 1878**

***Limernaea aurivillii* (Gounelle, 1909)**

*Sphagoeme aurivillii* Gounelle, 1909: 598; Martins, 1977: 83, fig. 11.

*Limernaea aurivillii*; Martins et al., 2014: 601.

**Syntypes locality:** Brazil, Minas Gerais: region of Diamantina; Goiás: Jataí (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Maranhão, Paraíba, Piauí, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná), Paraguay.

***Macroeme Aurivillius, 1893***

**Key to species of *Macroeme* from the Brazilian state of Mato Grosso do Sul**

1. Elytra unicolorous .....*M. sobrina* (Gounelle, 1909)

- Elytra with longitudinal dark band contrasting with remaining surface .....*M. priapica* (Thomson, 1857)

***Macroeme priapica* (Thomson, 1857)**

*Sclerocerus priapicus* Thomson, 1857a: 121.

*Macroeme priapica*; Aurivillius, 1893: 178; Martins, 1978a: 43; 1997b: 49, fig. 29, 53-56.

**Type locality:** Holotype: Brazil (MNHN).

**Distribution:** Brazil (Pará, Goiás, Mato Grosso do Sul, Maranhão, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Uruguay, Argentina (Salta, Tucumán, Santiago del Estero, Misiones, Chaco, Buenos Aires).

***Macroeme sobrina* (Gounelle, 1909)**

*Neoeme sobrina* Gounelle, 1909: 595, fig. 4.5-4.8.

*Macroeme sobrina*; Martins, 1997b: 57, fig. 59-62 (rev.).

**Type locality:** Lectotype male: Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Maranhão, Goiás, Mato Grosso, Mato Grosso do Sul).

***Neoeme* Gounelle, 1909**

**Key to species of *Neoeme* from the Brazilian state of Mato Grosso do Sul**

1. Flagellomeres orangish with blackish apex .....  
.....*N. annulicornis* (Buquet, 1860)  
— Apex of flagellomeres not distinctly contrasting with remaining surface .....*N. bouvieri* Gounelle, 1909

***Neoeme annulicornis* (Buquet, 1859)**

*Oeme annulicornis* Buquet, 1860: 627.

*Neoeme annulicornis*; Martins, 1978a: 49 (syn.); 1997b: 42 (rev.).

**Type locality:** Holotype male: Brazil (MNHN).

**Distribution:** Brazil (Amapá, Amazonas, Pará, Maranhão, Goiás, Distrito Federal, Mato Grosso, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Suriname, French Guiana, Bolivia (Cochabamba, Santa Cruz), Paraguay.

***Neoeme bouvieri* Gounelle, 1909**

*Neoeme bouvieri* Gounelle, 1909: 595, fig. 4.1-4.4, 4.9; Martins, 1997b: 40, fig. 30, 47-49.



**Type locality:** Lectotype male: Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Pará, Goiás, Mato Grosso, Mato Grosso do Sul, Maranhão, Minas Gerais, São Paulo, Paraná), French Guiana, Peru, Bolivia (Santa Cruz).

***Temnopsis Audinet-Serville, 1834***  
***Temnopsis castanea Martins, 1978***

*Temnopsis castanea* Martins, 1978b: 129, fig. 13; 1997b: 82, fig. 85.

**Type locality:** Holotype male: Brazil, Minas Gerais: Santa Bárbara (Serra do Caraça, Fazenda do Engenho, 800 m) (MZSP).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Bahia, Minas Gerais), Bolivia (Santa Cruz), Argentina (Salta).

***Methioidina Martins, 1997***  
***Methioeme Zajciw, 1963***  
***Methioeme brevipennis Zajciw, 1963***

*Methioeme brevipennis* Zajciw, 1963a: 57, fig. 1; Martins, 1997b: 139, fig. 5-9, 123 (rev.).

**Type locality:** Holotype male: Brazil, Amazonas: Tabatinga (MNRJ – destroyed in fire).

**Distribution:** Brazil (Amazonas, Pará, Mato Grosso, Mato Grosso do Sul, Maranhão, São Paulo).

***Piezocerini Lacordaire, 1868***  
***Haruspicina Martins, 1976***  
***Haruspex Thomson, 1864***

#### Key to species of *Haruspex* from the Brazilian state of Mato Grosso do Sul

1. Pronotum with longitudinal yellowish-brown central band .....  
..... *H. bivittis* (White, 1855)
- Pronotum entirely dark..... *H. quadripustulatus* Gounelle, 1909

***Haruspex bivittis* (White, 1855)**

*Piezocera* White, 1855: 220.

*Haruspex bivittis*; Gahan, 1895: 107; Martins, 2003: 89.

**Type locality:** Holotype male: Brazil, Pará (BMNH).

**Distribution:** Mexico (Veracruz), Costa Rica, Panama, French Guiana, Brazil (Amazonas, Pará, Mato Grosso, Goiás, Mato Grosso do Sul, Tocantins, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Peru, Bolivia (Cochabamba, Santa Cruz), Argentina (Salta, Tucumán, Formosa, Misiones).

***Haruspex quadripustulatus Gounelle, 1909***

*Haruspex quadripustulatus* Gounelle, 1909: 651; Martins, 2003: 81, fig. 61.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Amazonas, Goiás, Mato Grosso, Mato Grosso do Sul, Bahia, Rio de Janeiro, Rio Grande do Sul), Bolivia (Santa Cruz).

***Piezocerina Lacordaire, 1868***  
***Alienosternus Martins, 1976***  
***Alienosternus cristatus (Zajciw, 1970)***

*Haruspex cristatus* Zajciw, 1970: 592, fig. 2, 3.

*Alienosternus cristatus*; Martins, 1976: 235, fig. 40, 44, 46, 159; 2003: 998, fig. 84, 87, 90, 92.

**Type locality:** Holotype male: Brazil, Piauí: Teresina (MNRJ – destroyed in fire).

**Distribution:** Brazil (Maranhão, Alagoas, Sergipe, Piauí, Bahia, Minas Gerais, Goiás, Mato Grosso, Mato Grosso do Sul).

***Gorybia Pascoe, 1866***

#### Key to species of *Gorybia* from the Brazilian state of Mato Grosso do Sul

1. Elytral setae of two types: longer, erect, arranged in five longitudinal rows on middle of the elytra, and short, decumbent, inside punctures..... *G. pilosa* Martins, 1976
- All elytral setae of the same or similar type; when there are setae inside punctures, they are imperceptible ..... 2
- 2(1). Elytra with anterior half black or reddish brown and the posterior half reddish; pronotum smooth, shiny, without alveoli.....  
..... *G. instita* Martins, 1976
- Elytra of different color, when with more reddish posterior half the pronotum has alveoli ..... 3
- 3(2). Elytra orangish or reddish brown with black sutural band .....  
..... *G. suturella* Martins, 1976
- Elytra without longitudinal band along suture ..... 4
- 4(3). Elytra unicolorous; base of pronotum elevated with longitudinal, smooth, shiny sulcus on center of posterior half .....  
..... *G. proxima* Martins, 1976
- Basal half of elytra brownish, gradually redder toward apex, or elytra entirely reddish; posterior half of pronotum with microsculptured sulcus..... *G. ruficauda* (Gounelle, 1909)

***Gorybia instita* Martins, 1976**

*Gorybia instita* Martins, 1976: 305, fig. 144, pl. 7, fig. 1; 2003: 172, fig. 202, 218.

**Type locality:** Holotype male: Brazil, Bahia: Santo Antonio da Barra [Condeúba] (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Maranhão, Pernambuco, Piauí, Bahia, Minas Gerais), Bolivia (Santa Cruz), Argentina (Formosa).

***Gorybia pilosa* Martins, 1976**

*Gorybia pilosa* Martins, 1976: 332; 2003: 181.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul).

***Gorybia proxima* Martins, 1976**

*Gorybia proxima* Martins, 1976: 336, fig. 167; 2003: 182, fig. 226.

**Type locality:** Holotype male: Brazil, São Paulo: Itu (Fazenda Pau d'Alho) (MZSP).

**Distribution:** Brazil (Bahia, Mato Grosso do Sul, Minas Gerais, São Paulo, Rio Grande do Sul), Paraguay.

***Gorybia ruficauda* (Gounelle, 1909)**

*Haruspex ruficauda* Gounelle, 1909: 654, fig. 24-3, 24-4. *Gorybia ruficauda*; Martins, 1976: 334, fig. 130, 167, pl. 6, fig. 4; 2003: 184, fig. 214, 219, 223, 231.

**Type locality:** Lectotype male: Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Maranhão, Goiás, Mato Grosso, Mato Grosso do Sul, Minas Gerais, São Paulo).

***Gorybia suturella* Martins, 1976**

*Gorybia suturella* Martins, 1976: 342, pl. 6, fig. 3; 2003: 191, fig. 221.

**Type locality:** Holotype female: Brazil, Mato Grosso: 12°31'S, 51°46'W (MZSP).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Maranhão, Piauí, Minas Gerais, Rio de Janeiro), French Guiana, Bolivia (Santa Cruz).

***Hemilissa Pascoe, 1858*  
*Hemilissa sulcicollis* Bates, 1870**

*Hemilissa sulcicollis* Bates, 1870a: 284; Martins, 2003: 149, fig. 168, 175.

**Type locality:** Holotype male: Brazil, Amazonas: Ega [Tefé] (MNHN).

**Distribution:** Costa Rica, Colombia, Guyana, French Guiana, Peru, Brazil (Amazonas, Pará, Acre, Rondônia, Mato Grosso, Tocantins, Mato Grosso do Sul, Goiás, Maranhão, Rio Grande do Norte, Paraíba, Bahia, Minas Gerais, Espírito Santo, São Paulo), Bolivia (Beni, Santa Cruz).

***Piezarina* Martins, 1976  
*Piezarina smaragdina* Martins, 1976**

*Piezarina smaragdina* Martins, 1976: 250, fig. 58-59, 62-63, pl. 3, fig. 4.

**Type locality:** Holotype male: Brazil, Mato Grosso: Rosário Oeste (MNRJ – destroyed in fire).

**Distribution:** Nicaragua, Costa Rica, Panama, Colombia, Brazil (Amazonas, Pará, Rondônia, Maranhão, Mato Grosso, Mato Grosso do Sul, Distrito Federal), French Guiana, Bolivia (Santa Cruz).

***Piezocera* Audinet-Serville, 1834  
*Piezocera costula* Martins, 1976**

*Piezocera costula* Martins, 1976: 264, fig. 71, 79, 98, 162; 2003: 122, fig. 122, 135, 141.

**Type locality:** Holotype female: Brazil, Mato Grosso do Sul: Corumbá (CMNH).

**Distribution:** Bolivia (Santa Cruz), Brazil (São Paulo, Mato Grosso do Sul).

***Thyellocerus* Martins, 1976  
*Thyellocerus fulgidipennis* (Gounelle, 1909)**

*Haruspex fulgidipennis* Gounelle, 1909: 652. *Thyellocerus fulgidipennis*; Martins, 1976: 248, fig. 56-57, 61, 161, pl. 3, fig. 3; 2003: 107, fig. 102-105.

**Type locality:** Lectotype: Brazil, Goiás: Jataí (ISNB).

**Distribution:** Brazil (Amazonas, Rondônia, Goiás, Mato Grosso, Mato Grosso do Sul, São Paulo), Peru, Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Salta, Misiones).

***Zelliboria* Lane, 1951  
*Zelliboria daedalea* (Perty, 1832)**

*Rhagium daedaleum* Perty, 1832: 98, pl. 19, fig. 16. *Zelliboria daedalea*; Lane, 1951: 6, pl. 1, fig. 1; Martins, 2003: 131, fig. 151.

**Syntypes locality:** Brazil, "Prov. Piauiense" (ZSMC).

**Distribution:** Guyana, French Guiana, Brazil (Amazonas, Mato Grosso, Mato Grosso do Sul, Maranhão, Piauí, Espírito Santo, Minas Gerais, São Paulo).

**Pteroplatini Thomson, 1861**  
***Aphylax Lacordaire, 1869***  
***Aphylax lyciformis* (Germar, 1823)**

*Cerambyx lyciformis* Germar, 1823: 502.  
*Pteroplatys lyciformis*; White, 1853: 81.  
*Ornistomus lyciformis*; Thomson, 1864: 167.  
*Aphylax lyciformis*; Gounelle, 1911: 134.

**Type locality:** Lectotype male: Brazil (ZMHB).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (?), Paraguay, Argentina (Catamarca, Santiago del Estero, Córdoba, Mendoza, San Luís, Santa Fé, Chaco, Buenos Aires), Uruguay.

***Deltosoma Thomson, 1864***  
***Deltosoma xerophila* Di Iorio, 1995**

*Deltosoma xerophila* Di Iorio, 1995: 208, fig. 10a-d, 11, 16-17.

**Type locality:** Holotype male: Argentina, Chaco: Charata (CODI).

**Distribution:** Brazil (Mato Grosso do Sul, Maranhão, Minas Gerais, São Paulo, Paraná) Bolivia (Santa Cruz), Paraguay, Argentina (Salta, Santiago del Estero, Chaco, Córdoba).

**Rhinotragini Thomson, 1861**  
***Cleptoides Clarke, 2009***  
***Cleptoides thomasi* Santos-Silva, Clarke & Martins, 2013**

*Cleptoides thomasi* Santos-Silva et al., 2013: 411, fig. 5.

**Type locality:** Holotype male: Brazil, Santa Catarina: Seara (Nova Teutonia) (MZSP).

**Distribution:** Brazil (Espírito Santo, Mato Grosso do Sul, Paraná, Santa Catarina), Argentina (Misiones).

***Eclipta Bates, 1873***  
***Eclipta nigriventris* (Melzer, 1934)**

*Ommata (Eclipta) nigriventris* Melzer, 1934b: 218, pl. 15, fig. 11.

**Type locality:** Holotype male: Brazil, Santa Catarina: Ma-fra (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul, Paraná, Santa Catarina).

***Ischasioides Tavakilian & Peñaherrera, 2003***  
***Ischasioides crassitarsis* (Gounelle, 1911)**

*Ischasia crassitarsis* Gounelle, 1911: 54, 1 fig.  
*Ischasioides crassitarsis*; Peñaherrera-Leiva & Tavakilian, 2004: 148.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Mato Grosso, Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul).

***Odontocera Audinet-Serville, 1834***

**Key to species of *Odontocera* from the Brazilian state of Mato Grosso do Sul**

1. Pronotum with three transverse pubescent bands.....  
.....*O. fasciata* (Olivier, 1800)
- Pronotum without transverse pubescent bands .....  
.....*O. globicollis* Zajciw, 1971

***Odontocera fasciata* (Olivier, 1800)**

*Necydalis fasciata* Olivier, 1800: (74) 10, pl. 1, fig. 9.  
*Odontocera fasciata*; Lacordaire, 1868: 504.

**Type locality:** Holotype female: "Amérique meridionale" (Unknown depository).

**Distribution:** Nicaragua, Costa Rica, Panama, Colombia, Ecuador, Peru, French Guiana, Guyana, Suriname, Brazil (Maranhão, Goiás, Mato Grosso do Sul, Pará, Mato Grosso, Bahia, Minas Gerais, Espírito Santo, São Paulo), Bolivia (Cochabamba, Santa Cruz), Argentina.

***Odontocera globicollis* Zajciw, 1971**

*Odontocera globicollis* Zajciw, 1971: 19.

**Type locality:** Holotype female: Brazil, Mato Grosso do Sul: Nhambiquaras (MNRJ – destroyed in fire).

**Distribution:** Brazil (Rondônia, Mato Grosso do Sul).

***Paraphygopoda Clarke, 2014***  
***Paraphygopoda albitarsis* (Klug, 1825)**

*Stenopterus albitarsis* Klug, 1825: 475, pl. 44, fig. 12.  
*Odontocera albitarsis*; White, 1855: 188.

*Paraphygopoda albitarsis*; Clarke, 2014: 351, fig. 3A, 3B, 11.

**Type locality:** Holotype: Brazil, Pará (ZMHB).

**Distribution:** Brazil (Amazonas, Pará, Rondônia, Mato Grosso, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná), Peru, Bolivia.

***Phygomelitta* Clarke, 2014**  
***Phygomelitta triangularis* (Fuchs, 1961)**

*Epimelitta triangularis* Fuchs, 1961a: 6.  
*Phygomelitta triangularis*; Clarke, 2014: 361, fig. 8A-8C, 12.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Rio Caraguatá (HSCV).

**Distribution:** Brazil (Mato Grosso do Sul, Santa Catarina, Rio Grande do Sul).

***Phygopoda* Thomson, 1864**  
***Phygopoda fugax* Thomson, 1864**

*Phygopoda fugax* Thomson, 1864: 164; Carelli & Monné, 2015: 211, fig. 17-67, 73.

**Type locality:** Holotype: Brazil (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina).

***Tomopterus* Audinet-Serville, 1834**

**Key to species of *Tomopterus* from the Brazilian state of Mato Grosso do Sul**

1. Pronotum medially with yellow pubescent band .....  
.....*T. quadratipennis* Bates, 1873
- Pronotum without yellow pubescent band centrally .....  
.....*T. larroides* White, 1855

***Tomopterus larroides* White, 1855**

*Tomopterus larroides* White, 1855: 177.

**Type locality:** Holotype female: Brazil, Pará: Santarém (BMNH).

**Distribution:** Trinidad and Tobago, Brazil (Pará, Mato Grosso, Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Salta, Tucumán, Santa Fé, Corrientes, Entre Ríos), Uruguay.

***Tomopterus quadratipennis* Bates, 1873**

*Tomopterus quadratipennis* Bates, 1873: 128.

**Syntypes locality:** Brazil, Rio de Janeiro (MNHN).

**Distribution:** Brazil (Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina).

**Rhopalophorini Blanchard, 1845**  
***Cosmisoma* Audinet-Serville, 1834**

**Key to species of *Cosmisoma* from the Brazilian state of Mato Grosso do Sul**

1. Elytra with longitudinal yellowish pubescent band .....  
.....*C. lineellum* Bates, 1870
- Elytra without longitudinal pubescent band..... 2
- 2(1). Prothorax, antennae, and legs reddish .....  
.....*C. chalybeipenne* Zajciw, 1962
- Prothorax, antennae, and legs dark ..... 3
- 3(2). Prothorax and elytra blue; ventrites blue or dark brown (Goiás, Mato Grosso do Sul, São Paulo) .....*C. cyaneum cyaneum* Gounelle, 1911
- Prothorax and elytra green; ventrites reddish .....  
.....*C. cyaneum rubriventre* Monné & Magno, 1988

***Cosmisoma chalybeipenne* Zajciw, 1962**

*Cosmisoma chalybeipenne* Zajciw, 1962: 293, fig. 2; Monné & Magno, 1988: 22.

**Type locality:** Holotype male: Brazil, São Paulo: São Paulo (Jabaquara) (MNRJ – destroyed in fire).

**Distribution:** Brazil (Goiás, São Paulo, Mato Grosso do Sul).

***Cosmisoma cyaneum cyaneum* Gounelle, 1911**

*Cosmosoma cyaneum* Gounelle, 1911: 105, 1 fig.  
*Cosmisoma cyaneum cyaneum*; Monné & Magno, 1988: 13, fig. 10.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Mato Grosso do Sul, Goiás), Paraguay.

***Cosmisoma cyaneum rubriventre* Monné & Magno, 1988**

*Cosmisoma cyaneum rubriventre* Monné & Magno, 1988: 14, fig. 12.

**Type locality:** Holotype male: Brazil, Mato Grosso: Barra do Bugres (MNRJ – destroyed in fire).

**Distribution:** Brazil (Rondônia, Mato Grosso, Mato Grosso do Sul), Bolivia (Santa Cruz, Chuquisaca, Tarija), Paraguay, Argentina (Formosa).

***Cosmisoma lineellum* Bates, 1870**

*Cosmisoma lineellum* Bates, 1870b: 405; Monné & Magno, 1988: 18.

**Syntypes locality:** Syntypes: Brazil, Amazonas: Ega [Tefé] (MNHN).

**Distribution:** French Guiana, Brazil (Amazonas, Pará, Mato Grosso, Mato Grosso do Sul, Goiás).

***Dirocoremia* Marques, 1994  
*Dirocoremia simplicipes* (Gounelle, 1911)**

*Coremia simplicipes* Gounelle, 1911: 81, 1 fig.  
*Coremia (Lathusia) simplicipes*; Zajciw, 1959: 281.  
*Coremia (Dirocoremia) simplicipes*; Marques, 1994: 320, fig. 3, 36-42.  
*Dirocoremia simplicipes*; Marques & Napp, 1996: 397, fig. 91-108, 214, 216, 222.

**Syntypes localities:** Brazil, Goiás: Jataí; Bahia: Condeúba (MNHN).

**Distribution:** Brazil (Paraíba, Bahia, Minas Gerais, Mato Grosso do Sul, Espírito Santo, São Paulo), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Salta, Tucumán).

***Gurubira* Napp & Marques, 1999  
*Gurubira axillaris* (Klug, 1825)**

*Cerambyx axillaris* Klug, 1825: 458, pl. 43, fig. 9.  
*Cosmisoma axillaris*; Audinet-Serville, 1834b: 20.  
*Rhopalophora axillaris*; Laporte, 1840: 439.  
*Gurubira axillaris*; Napp & Marques, 1999a: 37, fig. 1-34, 36.

**Type locality:** Holotype: Brazil (ZMHB).

**Distribution:** Brazil (Mato Grosso, Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, São Paulo, Santa Catarina).

***Haenkea* Tippmann, 1953  
*Haenkea atra* (Chevrolat, 1855)**

*Listroptera atra* Chevrolat, 1855: 180.  
*Dihammaphora atra*; Aurivillius, 1912: 429 (cat.).  
*Haenkea atra*; Mermudes & Napp, 2000: 517, fig. 2, 6.

**Type locality:** Holotype female: Brazil (BMNH).

**Distribution:** Brazil (Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Mato Grosso do Sul).

***Ischionodonta* Chevrolat, 1859  
*Ischionodonta smaragdina* (Martins & Napp, 1989)**

*Rhopalophora (Ischionodonta) smaragdina* Martins & Napp, 1989: 63.  
*Ischionodonta smaragdina*; Napp & Marques, 1999b: 127, fig. 14.

**Type locality:** Holotype male: Brazil, Espírito Santo: Itapina (DZUP).

**Distribution:** Brazil (Bahia, Espírito Santo, Mato Grosso do Sul).

***Listroptera* Audinet-Serville, 1834  
*Listroptera tenebricosa* (Olivier, 1790)**

*Cerambyx tenebricosus* Olivier, 1790: 309, pl. 18, fig. 139.  
*Listroptera tenebricosa*; Audinet-Serville, 1834b: 71; Napp & Mermudes, 2001: 3, fig. 1.

**Type locality:** Holotype: Cayenne (Unknown Depository).

**Distribution:** Mexico (Veracruz), Guatemala, Nicaragua, Costa Rica, Panamá, Colombia, French Guiana, Brazil (Roraima, Amazonas, Pará, Rondônia, Mato Grosso, Goiás, Mato Grosso do Sul, Maranhão, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Peru, Argentina (Misiones, Corrientes), Uruguay.

***Parozodes* Aurivillius, 1897  
*Parozodes pilosus* Fuchs, 1956**

*Parozodes pilosus* Fuchs, 1956: 573.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Rio Caraguatá (HSCV).

**Distribution:** Brazil (Mato Grosso do Sul).

***Tillomorphini* Lacordaire, 1868  
*Epropetes* Bates, 1870  
*Epropetes metallica* Martins, 1975**

*Epropetes metallica* Martins, 1975: 12, fig. 4; Martins & Napp, 1984: 432.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Rio Caraguatá (MZSP).

**Distribution:** Brazil (Rondônia, Mato Grosso do Sul).

**Torneutini Thomson, 1861**  
**Cocconerini Buquet, 1840**

**Key to species of *Cocconerini* from the Brazilian state of Mato Grosso do Sul**

1. Meso- and metafemora with long spine on inner apex; elytral apex with spine on outer and sutural angles .....  
..... *C. longespiniicornis* Fuchs, 1964
- Meso- and metafemora with only slight projection on inner apex; elytral apex with only sutural spine ..... *C. speciosus* Gounelle, 1909

***Cocconerini longespiniicornis* Fuchs, 1964**

*Cocconerini longespiniicornis* Fuchs, 1964: 7; Martins & Monné, 1980: 337; Monné, 2005: 384, fig. 8, 32, 37, 42, 47, 53, 75-77, 88, 91-92, 94.

**Type locality:** Holotype male: Brazil, Mato Grosso: Rio Verde (HSCV).

**Distribution:** Venezuela, Colombia, French Guiana, Peru, Brazil (Amapá, Amazonas, Pará, Acre, Rondônia, Maranhão, Mato Grosso, Goiás, Distrito Federal, Mato Grosso do Sul, Piauí, Minas Gerais), Paraguay.

***Cocconerini speciosus* Gounelle, 1909**

*Cocconerini speciosus* Gounelle, 1909: 606; Martins & Monné, 1980: 337; Monné, 2005: 384, fig. 7, 31, 36, 41, 46, 52, 59-61, 72-74, 87, 91-92, 94.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Mato Grosso, Maranhão, Goiás, Distrito Federal, Mato Grosso do Sul, Bahia, Minas Gerais, Rio de Janeiro, São Paulo).

***Praxitheina* Thomson, 1864**

**Key to species of *Praxitheina* from the Brazilian state of Mato Grosso do Sul**

1. Antennomere III with apical spine longer than apical diameter of the antennomere ..... *P. chavantina* Lane, 1949
- Antennomere III just angled apically ..... 2
- 2(1). Elytra with small brown or yellowish spots ..... *P. travassosi* Lane, 1939
- Elytra without spots ..... *P. borgmeieri* Lane, 1938

***Praxitheina borgmeieri* Lane, 1938**

*Praxitheina borgmeieri* Lane, 1938b: 95, pl. 2, fig. E, F; Tavakilian & Monné, 2002: 19, fig. 11, 12.

**Type locality:** Holotype male: Brazil, Goiás: Leopoldo Bulhões (MZSP).

**Distribution:** Venezuela, French Guiana, Brazil (Amazonas, Goiás, Acre, Mato Grosso, Mato Grosso do Sul, Maranhão, Bahia, Minas Gerais).

***Praxitheina chavantina* Lane, 1949**

*Praxitheina chavantina* Lane, 1949: 34, fig. 7, pl. 1, fig. 1; Tavakilian & Monné, 2002: 11, fig. 43.

**Type locality:** Holotype female: Brazil, Goiás: Rio Verde (MNRJ – destroyed in fire).

**Distribution:** Brazil (Mato Grosso, Goiás, Mato Grosso do Sul, Maranhão, Minas Gerais).

***Praxitheina travassosi* Lane, 1939**

*Praxitheina travassosi* Lane, 1939: 73; Tavakilian & Monné, 2002: 12, fig. 9-10.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** Costa Rica, Venezuela, Ecuador, Guyana, French Guiana, Peru, Brazil (Amazonas, Pará, Mato Grosso, Mato Grosso do Sul, Minas Gerais), Bolivia.

***Psygmatoxerus* Perty, 1828**

***Psygmatoxerus wagleri* Perty, 1828**

*Psygmatoxerus wagleri* Perty, 1828: 740, pl. X, 3 fig.; Penteado-Dias, 1984a: 227, fig. 21 (morphol.).

**Type locality:** Holotype male: Brazil, “prop flum. Amazon.” (ZSMC).

**Distribution:** Brazil (Maranhão, Alagoas, Rio Grande do Norte, Ceará, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones, Tucumán, Chaco, Corrientes).

***Torneutes* Reich, 1837**

***Torneutes pallidipennis* Reich, 1837**

*Torneutes pallidipennis* Reich, 1837: 12, pl. 2, fig. 1-3; Fragoso et al., 1987: 198, fig. 6 (biol.); Monné & Napp, 2005: 4, fig. 2, 36, 42, 54, 64, 96-97, 103, 108, 116, 118, 121, 125, 128, 131, 151.

**Syntype locality:** Argentina, Entre Ríos (ZMHB).

**Distribution:** Brazil (Maranhão, Alagoas, Ceará, Paraíba, Mato Grosso do Sul, Bahia, São Paulo), Bolivia (Santa Cruz), Paraguay, Argentina (Salta, Catamarca, Tucumán, Santiago del Estero, La Rioja, San Luís, Córdoba, Mendo-

za, Formosa, Misiones, Chaco, Santa Fé, Corrientes, Entre Ríos, Buenos Aires, La Pampa), Uruguay.

**Trachyderini Dupont, 1836**  
**Ancylocerina Thomson, 1864**  
**Ceralocyna Viana, 1971**  
***Ceralocyna nigricollis* (Gounelle, 1911)**  
**(Fig. 3E-3F)**

*Ancylocera terminata* var. *nigricollis* Gounelle, 1911: 116.  
*Ceralocyna nigricollis*; Monné & Giesbert, 1992: 251;  
 Monné & Napp, 2000: 122, fig. 87, 91.

**Syntypes locality:** Brazil, Goiás: Jataí (MNHN).

**Distribution:** Bolivia (Santa Cruz), Brazil (Mato Grosso, Goiás, Espírito Santo).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Aquidauana, Piraputanga, 20°28'46"S, 55°29'24"W, 1 specimen, 15.X.2021, T.R.F. Sinani leg. (MNRJ).

**Trachyderina Dupont, 1836**  
***Andraegoidus Aurivillius, 1920***

**Key to species of *Andraegoidus* from the Brazilian state of Mato Grosso do Sul**

1. Prosternal process with distinct tubercle directed to anterior margin of prosternal sulcus ..... *A. variegatus* (Perty, 1832)
- Prosternal process without distinct tubercle ..... 2
- 2(1). Prothorax enlarged anteriorly; pronotum with antemedian tubercle strongly developed (subequal to postmedian tubercle) .....  
 ..... *A. fabricii* (Dupont, 1838)
- Prothorax narrowed anteriorly; pronotum with antemedian tubercle reduced or absent ..... *A. rufipes* (Fabricius, 1787)

***Andraegoidus fabricii* (Dupont, 1838)**

*Trachyderes fabricii* Dupont, 1838: 1, pl. 186, fig. 1.  
*Andraegoidus fabricii*; Botero & Monné, 2012: 39, fig. 157-184, 228 (syn).

**Type locality:** Neotype male: Brazil, Goiás, Jataí (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso, Mato Grosso do Sul, Maranhão, Rio Grande do Norte, Paraíba, Ceará, Bahia, Espírito Santo, São Paulo), Bolivia (Santa Cruz).

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

*Cerambyx rufipes* Fabricius, 1787: 133.  
*Trachyderes rufipes* Schönherr, 1817: 365; Dupont, 1838: 8, pl. 190, fig. 1.  
*Andraegoidus rufipes rufipes*; Hüdepohl, 1985: 54, fig. 5-6, 26, 55f; Botero & Monné, 2012: 46, fig. 194-226, 228.

**Type locality:** Holotype: "America meridionali" (HMUG).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Paraíba, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (La Paz, Santa Cruz), Paraguay, Argentina.

***Andraegoidus variegatus* (Perty, 1832)**

*Trachyderes variegatus* Perty, 1832: 88, pl. 17, fig. 10.  
*Andraegoidus variegatus*; Hüdepohl, 1985: 50, fig. 22, 23 (neotype); Botero & Monné, 2012: 27, fig. 98-130, 227.

**Type locality:** Neotype: Brazil, Mato Grosso: Rio Verde (MNRJ – destroyed in fire).

**Distribution:** Brazil (Pará, Mato Grosso, Goiás, Mato Grosso do Sul, Paraíba, Alagoas, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Beni, Santa Cruz), Paraguay, Argentina (Catamarca, Santiago del Estero, Tucumán, Córdoba, Santa Fé, Buenos Aires), Uruguay.

***Batus Thunberg, 1822***  
***Batus hirticornis* (Gyllenhal, 1817)**

*Trachyderes hirticornis* Gyllenhal, 1817: 176.  
*Batus hirticornis*; Thunberg, 1822: 307; Monné & Monné, 2017: 227, fig. 18.

**Type locality:** Holotype male: Brazil (UZI).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Misiones, Corrientes).

***Chydarteres Hüdepohl, 1985***  
***Chydarteres striatus striatus* (Fabricius, 1787)**  
**(Fig. 3G-3H)**

*Cerambyx striatus* Fabricius, 1787: 133.  
*Trachyderes striatus*; Dalman, 1817: 365 (*in* Schönherr, 1817).  
*Chydarteres striatus striatus*; Hüdepohl, 1985: 84, fig. 7, 39, 55i, 57i.

**Type locality:** Holotype: Cayenne (ZMUK).

**Distribution:** Brazil (Mato Grosso, Goiás, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Tucumán, Santiago del Estero, La Rioja, Córdoba, Mendoza, Misiones, Corrientes, Entre Ríos, Buenos Aires), Uruguay.

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Aquidauana, Piraputanga, 20°28'46"S, 55°29'04"W, 1 specimen, 05.I.2022, K. Mori and G. Saturno leg. (MNRJ).



**Figure 3.** Dorsal habitus. (A-B) *Compsibidion angulare* (Thomson, 1867): (A) Male, Brazil, Espírito Santo, Linhares; (B) Female, Brazil, Espírito Santo, Linhares. (C-D) *Compsa albopicta* Perty, 1832: (C) Male, Brazil, São Paulo, São Paulo; (D) Female, Brazil, Rio de Janeiro, Rio de Janeiro. (E-F) *Ceralocyna nigricollis* (Gounelle, 1911): (E) Male, Brazil, Espírito Santo, Linhares; (F) Female, Brazil, Espírito Santo, Aracruz. (G-H) *Chydarteres striatus striatus* (Fabricius, 1787): (G) Male, Brazil, Espírito Santo, Santa Tereza; (H) Female, Brazil, Santa Catarina, Timbó. (I) *Dorcacerus barbatus* (Olivier, 1790), male, Brazil, Ceará, Carquejo.



***Dorcacerus* Dejean, 1821**  
***Dorcacerus barbatus* (Olivier, 1790)**  
**(Fig. 3I-4A)**

*Cerambyx barbatus* Olivier, 1790: 300.

*Dorcacerus barbatus*; Dejean, 1821: 105 (cat.).

**Type locality:** Holotype male: Brazil (Unknown depository).

**Distribution:** Mexico (Oaxaca), Peru, Brazil (Amazonas, Pará, Mato Grosso, Goiás, Distrito Federal, Maranhão, Paraíba, Alagoas, Rio Grande do Norte, Sergipe, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Beni, Santa Cruz), Paraguay, Argentina (Salta, Catamarca, Tucumán, Santiago del Estero, Córdoba, Mendoza, Santa Fé, Chaco, Misiones, Corrientes), Uruguay.

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Campo Grande, Vila Albuquerque, 20°29'50.1"S, 54°36'36.7"W, 1 specimen, XI.2017, A.N. Oliveira leg. (MNRJ).

***Martinsellus* Hüdepohl, 1985**  
***Martinsellus signatus* (Gyllenhal, 1817)**

*Trachyderes signatus* Gyllenhal, 1817: 177.

*Martinsellus signatus*; Hüdepohl, 1985: 132, fig. 50, 56.

**Type locality:** Lectotype male: Brazil (NHRS).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones, Corrientes, Buenos Aires), Uruguay.

***Megaderus* Dejean, 1821**  
***Megaderus stigma* (Linnaeus, 1758)**  
**(Fig. 4B-4C)**

*Cerambyx stigma* Linnaeus, 1758: 395.

*Megaderus stigma*; Dejean, 1821: 106 (cat.); Saalas, 1936: 115, pl. 12, fig. 165, 166 (morphol.).

**Type locality:** Holotype: America (Surinam) (De Geer collection).

**Distribution:** Nicaragua, Costa Rica, Panama, Colombia, Venezuela, Peru, French Guiana, Suriname, Brazil (Mato Grosso, Paraíba, Alagoas, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Beni, Santa Cruz), Paraguay, Argentina (Tucumán, Salta, Chaco, Misiones, Corrientes), Uruguay, Trinidad and Tobago.

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Campo Grande, 1 specimen, 21.VII.2007, M. Sanabria leg.

(MNRJ); 1 specimen, Corumbá, Pantanal, Fazenda Anacã II, Paiaguás, 18°08'46.9"S, 56°12'59.1"W, 1 specimen, 24-30.VIII.2022, T.R.F. Sinani leg. (MNRJ).

***Metopocoilus* Audinet-Serville, 1832**  
***Metopocoilus corumbaensis* Lane, 1956**

*Metopocoilus corumbaensis* Lane, 1956: 8.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Corumbá (MZSP).

**Distribution:** Brazil (Pará, Tocantins, Mato Grosso, Mato Grosso do Sul, Paraíba, Ceará, Bahia, Minas Gerais).

***Neochrysopraxis* Franz, 1969**  
***Neochrysopraxis zajciwi* Franz, 1969**

*Neochrysopraxis zajciwi* Franz, 1969: 1, fig. 1.

**Type locality:** Holotype male: Bolivia, Santa Cruz: San José de Chiquitos (ZSMC).

**Distribution:** Bolivia (Santa Cruz, Tarija), Brazil (Mato Grosso, Mato Grosso do Sul, São Paulo), Paraguay.

***Oxymerus* Dupont, 1834**

**Key to species of *Oxymerus* from the Brazilian state of Mato Grosso do Sul**

1. Pronotum strongly, in some places densely punctate .....  
.....*O. bruchi bruchi* Gounelle, 1913
- Pronotum finely and very sparsely punctate; inner apical lobes of meso- and metafemora with spine ..... 2
- 2(1). Pronotum with very distinct frontal impression, posterior margin of the impression is excavated on both sides .....  
.....*O. flavescens flavescens* (Thunberg, 1822)
- Pronotum with flat frontal impression, posterior margin of the impression is, at most, feebly depressed ..... 3
- 3(2). General color of elytra dark brown, with the longitudinal bands often greatly reduced; antennae from brown to black; legs dark .....  
.....*O. aculeatus aculeatus* Dupont, 1838
- General color of elytra at least somewhat light brown, with the longitudinal bands wide, legs light .... *O. aculeatus meridionalis* Hüdepohl, 1979

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

*Oxymerus aculeatus* Dupont, 1838: 38, pl. 209, fig. 2.

*Oxymerus aculeatus aculeatus*; Hüdepohl, 1979: 26 (syn.).

**Type locality:** Lectotype female: Brazil (MNHN).

**Distribution:** Brazil (Goiás, Distrito Federal, Mato Grosso, Mato Grosso do Sul, Piauí, Alagoas, Sergipe, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná).

***Oxymerus aculeatus meridionalis* Hüdepohl, 1979**

*Oxymerus aculeatus meridionalis* Hüdepohl, 1979: 23, 28, pl. 1.

**Type locality:** Holotype male: Argentina, Santiago del Estero: Bords du Rio Salado (Environs d'Icaño) (MNHN).

**Distribution:** Brazil (Mato Grosso do Sul, São Paulo), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Tucumán, La Rioja, Santiago del Estero, Santa Fé, Formosa, Chaco, Misiones, Corrientes, Entre Ríos, Buenos Aires), Uruguay.

***Oxymerus bruchi bruchi* Gounelle, 1913**

*Oxymerus bruchi* Gounelle, 1913: 229; Hüdepohl, 1979: 54, fig. 1.11, 12, pl. 2.

**Type locality:** Lectotype male: Argentina, Chaco: Rio Tapenago (MNHN).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Rio Grande do Sul), Paraguay, Argentina (Tucumán, Santiago del Estero, Misiones, Chaco).

***Oxymerus flavescens flavescens* (Thunberg, 1822)**

*Trachyderes flavescens* Thunberg, 1822: 304, pl. 10, fig. 1. *Oxymerus flavescens*; Aurivillius, 1912: 482 (cat.). *Oxymerus flavescens flavescens*; Santos-Silva & Tavakilian, 2021: 106, fig. 16-18.

**Type locality:** Holotype: Brazil (UZIU).

**Distribution:** Brazil (Mato Grosso do Sul, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Santa Fé, Misiones, Chaco).

***Poecilopeplus Dejean, 1835*  
*Poecilopeplus batesi* White, 1853**

*Poecilopeplus batesi* White, 1853: 56, pl. 3, fig. 1.

**Syntypes locality:** Brazil, Pará: Santarém (BMNH).

**Distribution:** Brazil (Pará, Mato Grosso do Sul).

***Retrachydes* Hüdepohl, 1985**

**Key to subspecies of *Retrachydes thoracicus* (Olivier, 1790) from the Brazilian state of Mato Grosso do Sul**

- 1. Elytra very feebly carinate, with very sparse and short pubescence.....  
.....*R. thoracicus thoracicus* (Olivier, 1790)
- Elytra with three distinct carinae, the interspaces densely pubescent  
.....*R. thoracicus sulcatus* (Burmeister, 1865)

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

*Cerambyx thoracicus* Olivier, 1790: 300.  
*Trachyderes thoracicus*; Lepeletier & Audinet-Serville, 1828: 694.  
*Retrachydes thoracicus thoracicus*; Hüdepohl, 1985: 69, fig. 34.

**Type locality:** Holotype female: Brazil (Unknown depository).

**Distribution:** Bolivia, Brazil (Mato Grosso, Mato Grosso do Sul, Goiás, Distrito Federal, Maranhão, Rio Grande do Norte, Alagoas, Pernambuco, Piauí, Paraíba, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Córdoba, Mendoza, Santa Fé, Misiones, Corrientes, Entre Ríos, Buenos Aires), Uruguay.

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

*Trachyderes sulcatus* Burmeister, 1865: 162.  
*Retrachydes thoracicus sulcatus*; Hüdepohl, 1985: 71.

**Syntype localities:** Argentina, Santiago del Estero; Uruguay (MACN).

**Distribution:** Brazil (Mato Grosso do Sul), Bolivia, Paraguay, Argentina (Salta, Tucumán, Santiago del Estero, Córdoba, Mendoza, Misiones, Santa Fé, Corrientes, Buenos Aires), Uruguay.

***Trachelissa Aurivillius, 1912*  
*Trachelissa maculicollis* (Audinet-Serville, 1834)**

*Trachelia maculicollis* Audinet-Serville, 1834b: 26.  
*Trachelissa maculicollis*; Aurivillius, 1912: 449 (cat.); Quintino & Monné, 2014: 520, fig. 77-89, 114-121, 141-152, 157, 161.

**Type locality:** Holotype female: America meridional (BMNH).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Córdoba, Misiones, Corrientes, Entre Ríos), Uruguay.

***Trachyderes* Dalman, 1817**

**Key to subspecies of *Trachyderes succincta* (Linnaeus, 1758) from the Brazilian state of Mato Grosso do Sul**

- 1. Pronotum with yellowish or reddish-brown margins.....  
.....*T. succincta melzeri* Schwarzer, 1929
- Pronotum unicolorous .....*T. succincta succincta* (Linnaeus, 1758)

***Trachyderes succincta succincta* (Linnaeus, 1758)**

*Cerambyx succinctus* Linnaeus, 1758: 391.

*Trachyderes succinctus*; Dalman, 1817: 364 (in Schönherr, 1817).

*Trachyderes succincta succincta*; Souza et al., 2021: 213, fig. 25.

**Syntypes locality:** America (LSUK).

**Distribution:** Nicaragua, Costa Rica, Panama, Colombia, Venezuela, Ecuador, Peru, French Guiana, Guyana, Suriname, Brazil (Roraima, Amapá, Amazonas, Pará, Rondônia, Mato Grosso, Goiás, Mato Grosso do Sul, Distrito Federal, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Beni, La Paz, Santa Cruz), Paraguay, Argentina, Barbados, Grenada, Guadeloupe, Hispaniola, Martinique, St. Croix, St. Thomas, St. Martin, Union, Trinidad and Tobago.

***Trachyderes succincta melzeri* Schwarzer, 1929**

*Trachyderes melzeri* Schwarzer, 1929: 363, fig. 14, 15.

*Trachyderes succinctus melzeri*; Hüdepohl, 1985: 113.

**Type locality:** Holotype male: Argentina, Tacaaglé (SMFD).

**Distribution:** Brazil (Mato Grosso do Sul), Paraguay, Argentina (Salta, Chaco, Santa Fé, Corrientes).

**Unxiini Napp, 1997*****Parunxia* Napp, 1997*****Parunxia scopifera* (Klug, 1825)**

*Callichroma scopiferum* Klug, 1825: 461, pl. 43, fig. 11.

*Unxia (Parunxia) scopifera*; Napp, 1977: 134, fig. 2, 6, 9, 16-17, 24, 27, 31, pl. 1, fig. 3, 5.

*Parunxia scopifera*; Napp & Mermudes, 1999: 81, fig. 4.

**Type locality:** Holotype female: Brazil, Rio de Janeiro (BMNH).

**Distribution:** Brazil (Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Mato Grosso do Sul), Argentina (Entre Ríos), Uruguay.

**LAMIINAE Latreille, 1825****Acanthocinini Blanchard, 1845*****Atrypanius* Bates, 1864****Key to species of *Atrypanius* from the Brazilian state of Mato Grosso do Sul**

1. Pronotum with six longitudinal lines of grayish pubescence .....  
.....*A. lineatocollis* (Bates, 1863)
- Pronotum with small, rounded, dark pubescent spots.....  
.....*A. conspersus* (Germar, 1823)

***Atrypanius conspersus* (Germar, 1823)****(Fig. 4D-4E)**

*Lamia conspersa* Germar, 1823: 474.

*Atrypanius conspersus*; Bates, 1864: 47.

**Type locality:** Holotype: Brazil (ZMHB).

**Distribution:** Mexico (Jalisco, Veracruz, Morelos, Chiapas, Tamaulipas, Quintana Roo), Guatemala, Honduras, Nicaragua, Costa Rica, Panama, Colombia, French Guiana, Brazil (Amazonas, Mato Grosso, Minas Gerais, Paraná), Peru, Bolivia (Beni, Santa Cruz) Paraguay, Argentina.

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Aquidauana, Piraputanga, 20°28'46"S, 55°29'24"W, 1 specimen, 30.I.2022, T.R.F. Sinani, G. Saturno and M.F. Piñeiro leg. (MNRJ).

***Atrypanius lineatocollis* (Bates, 1863)**

*Lepturges lineatocollis* Bates, 1863: 373.

*Nyssodrysina lineatocollis*; Monné, 1985: 547.

*Atrypanius lineatocollis*; Monné et al., 2020a: 310.

**Type locality:** Holotype male: Brazil, Pará: Santarém (MNHN).

**Distribution:** Panama, Ecuador, French Guiana, Brazil (Amazonas, Pará, Mato Grosso, Mato Grosso do Sul).

***Carphina* Bates, 1872*****Carphina elliptica* (Germar, 1823)**

*Lamia elliptica* Germar, 1823: 471.

*Eutrypanus ellipticus*; White, 1855: 371.

*Carphina elliptica*; Monné, 1977: 697.

**Type locality:** Holotype: Brazil (ZMHB).

**Distribution:** Brazil (Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz).

***Hylettus* Bates, 1864*****Hylettus seniculus* (Germar, 1823)****(Fig. 4F-4G)**

*Lamia seniculus* Germar, 1823: 473.

*Anisopus seniculus*; Germar, 1839: 329.

*Hylettus seniculus*; Monné, 1982: 99, fig. 4.

**Type locality:** Holotype female: Brazil (ZSMC).

**Distribution:** Costa Rica, Panama, Venezuela, Colombia, Ecuador, French Guiana, Peru, Brazil (Amazonas, Pará, Rondônia, Mato Grosso, Goiás, Maranhão, Paraíba, Ceará, Piauí, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro,



**Figure 4.** Dorsal habitus. (A) *Dorcacerus barbatus* (Olivier, 1790), female, Brazil, Santa Catarina, Nova Teutônia. (B-C) *Megaderus stigma* (Linnaeus, 1758): (B) Male, Brazil, Rio de Janeiro, Campos; (C) Female, Brazil, Minas Gerais, Passos. (D-E) *Atrypanius conspersus* (Germar, 1823): (D) Male, Brazil, Espírito Santo, Linhares; (E) Female, Brazil, Amazonas, Benjamin Constant. (F-G) *Hylettus seniculus* (Germar, 1823): (F) Male, Venezuela, Aragua; (G) Female, Brazil, Goiás, Colinas. (H-I) *Oedopeza maculatissima* Monné & Martins, 1976: (H) Paratype male, Bolivia; (I) Female, Brazil, Mato Grosso, Chapada.

São Paulo, Paraná) Bolivia (Beni, Cochabamba, Santa Cruz, Tarija), Paraguay and Argentina (Misiones, Chaco, Santa Fé, Corrientes, Entre Ríos, Buenos Aires, La Pampa), Uruguay.

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Aquidauana, Piraputanga, 20°28'46"S, 55°29'24"W, 2 specimens, 23.I.2022, G. Saturno, T.R.F. Sinani and M.F. Piñeiro leg. (MNRJ).

***Hyperplatys* Haldeman, 1847**  
***Hyperplatys melzeri* (Gilmour, 1965)**

*Anisopodus melzeri* Gilmour, 1965: 568 (cat.).  
*Hyperplatys melzeri*; Nascimento et al., 2020: 222, fig. 11-13.

**Type locality:** Holotype male: Brazil, São Paulo: Amparo (MZSP).

**Distribution:** Brazil (Rondônia, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Pando, Santa Cruz), Paraguay, Argentina.

***Lepturgantes* Gilmour, 1957**  
***Lepturgantes prolati* Monné & Monné, 2008**

*Lepturgantes prolati* Monné & Monné, 2008: 65, fig. 5.

**Type locality:** Holotype male: Brazil, Bahia: Mun. Encruzilhada (Estrada Rio-Bahia, km 965, Motel da Divisa, 960 m) (MNRJ – destroyed in fire).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Bahia, Sergipe, Espírito Santo, Minas Gerais, Rio de Janeiro, São Paulo, Santa Catarina), Bolivia (Santa Cruz).

***Oedopeza* Audinet-Serville, 1835**

**Key to species of *Oedopeza* from the Brazilian state of Mato Grosso do Sul**

1. Posterior fifth of elytra with longitudinal, arched white pubescent band reaching apex..... *O. ocellator* (Fabricius, 1801)
- Posterior fifth of elytra without longitudinal white pubescent band reaching apex ..... 2
- 2(1). White pubescent band on posterior fifth of elytra transverse and reaching epipleural margin.....  
..... *O. maculatissima* Monné & Martins, 1976
- White pubescent band on posterior fifth of elytra not reaching epipleural margin or, if reaching, the outer area is strongly inclined..... *O. umbrosa* (Germar, 1823)

***Oedopeza maculatissima* Monné & Martins, 1976**  
**(Fig. 4H-4I)**

*Oedopeza maculatissima* Monné & Martins, 1976: 82, fig. 38.

**Type locality:** Holotype male: Bolivia "Ost Bolivien" (ZMHB).

**Distribution:** Venezuela, Peru, Brazil (Rondônia, Mato Grosso, Goiás, Espírito Santo, Paraná, Santa Catarina), Bolivia (Santa Cruz), Paraguay, Argentina (Salta).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Campo Grande, Universitário, UFMS, 1 specimen, 20.X.2021, R.S. Olivier leg. (MNRJ).

***Oedopeza ocellata* (Fabricius, 1801)**  
**(Fig. 5A-5B)**

*Lamia ocellator* Fabricius, 1801: 287.  
*Oedopeza ocellator*; Tavakilian, 1997: 134 (syn., hosts);  
Monné et al., 2020b: 16, fig. 27-28.

**Type locality:** Holotype male: "America meridionali" (ZMUC).

**Distribution:** Mexico (Veracruz, Nayarit), Guatemala, Belize, Honduras, Nicaragua, Costa Rica, Panama, Cuba, Barbados (?), Venezuela, Colombia, Trinidad and Tobago, Ecuador, French Guiana, Suriname, Guiana, Brazil (Amazonas, Rondônia, Mato Grosso, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina) Bolivia (Beni, Cochabamba, Santa Cruz), Paraguay, Argentina (Chaco, Santa Fé, Corrientes, Entre Ríos, Buenos Aires, La Pampa), Uruguay.

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Corumbá, Passo do Lontra, Pantanal, BEP UFMS, 19°34'36"S, 51°01'87"W, 10.XII.2021, 2 specimens, T.R.F. Sinani leg. (MNRJ); Aquidauana, Piraputanga, 20°28'46"S, 55°29'24"W, 2 specimens, 12.I.2022, T.R.F. Sinani, G. Saturno and M.F. Piñeiro leg. (MNRJ).

***Oedopeza umbrosa* (Germar, 1823)**

*Lamia umbrosa* Germar, 1823: 473.  
*Trypanidius umbrosus*; White, 1855: 377.  
*Oedopeza umbrosa*; Monné, 1990: 264, fig. 17 (syn.).

**Type locality:** Holotype: Brazil (ZMHB).

**Distribution:** Brazil (Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Misiones).

***Paratenthras* Monné, 1998**  
***Paratenthras martinsi* Monné, 1998**

*Paratenthras martinsi* Monné, 1998: 289, fig. 1, 2; Casari & Teixeira, 2014: 112, fig. 22-39, 78, 79 (immatures, host).

**Type locality:** Holotype male: Brazil, Mato Grosso: Jaciara (MNRJ – destroyed in fire).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, São Paulo), Bolivia (Santa Cruz).

### *Urgleptes* Dillon, 1956

#### Key to species of *Urgleptes* from the Brazilian state of Mato Grosso do Sul

1. Central area of prosternal process distinctly wider than maximum diameter of antennomere III .....  
..... *U. monnei* Nascimento, Santos-Silva & Fletchmann, 2021
- Central area of prosternal process about as wide as maximum diameter of antennomere III .....  
..... *U. nutrix* Nascimento, Santos-Silva & Fletchmann, 2021

### *Urgleptes monnei*

Nascimento, Santos-Silva & Fletchmann, 2021

*Urgleptes monnei* Nascimento et al., 2021: 567, fig. 2-5.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Selvíria, UNESP Farm, 2022°58.56"S, 5124'37.02"W (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul).

### *Urgleptes nutrix*

Nascimento, Santos-Silva & Fletchmann, 2021

*Urgleptes nutrix* Nascimento et al., 2021: 569, fig. 6-9.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Selvíria, UNESP Farm, 2022°58.20"S, 5124'43.50"W (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul).

### Acanthoderini Thomson, 1860

#### *Aegomorphus* Haldeman, 1847

#### *Aegomorphus jaspideus* (Germar, 1823)

(Fig. 5C-5D)

*Lamia jaspidea* Germar, 1823: 475.

*Psapharochrus jaspideus*; Lacordaire, 1872: 751.

*Acanthoderes jaspidea*; Penteado-Dias, 1984a: 228, fig. 4 (morphol.).

*Aegomorphus jaspideus*; Santos-Silva et al., 2020: 35, fig. 128-129.

**Type locality:** Holotype: Brazil (ZMHB).

**Distribution:** Brazil (Pará, Pernambuco, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz,

Tarija), Paraguay, Chile, Argentina (Tucumán, Santiago del Estero, Córdoba, Mendoza, Misiones, Chaco, Santa Fé, Corrientes, Entre Ríos, Buenos Aires, La Pampa), Uruguay.

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Aquidauana, Piraputanga, 20°28'46"S, 55°29'24"W, 1 specimen, 23.I.2022, T.R.F. Sinani leg. (MNRJ); Campo Grande, Universitário, UFMS, 3 specimens, 03.V.2022, R.S. Olivier leg. (MNRJ); Ladário, APA Baía Negra, 19°01'50"S, 57°33'60"W, 1 specimen, 11.XII.2021, A.F. Oliveira leg. (MNRJ).

### *Alphus* White, 1855

#### Key to species of *Alphus* from the Brazilian state of Mato Grosso do Sul

1. Pronotum with region between median tubercles not elevated; sides of pronotum with predominantly white pubescence, yellower only near base of the tubercles on sides of prothorax; basal half of elytra without narrow yellowish pubescent band close to suture .....  
..... *A. similis* Martins, 1985
- Pronotum with region between median tubercles elevated; sides of pronotum with yellowish pubescence; basal half of elytra with narrow yellowish pubescent band close to suture .....  
..... *A. tuberosus* (Germar, 1823)

### *Alphus similis* Martins, 1985

*Alphus similis* Martins, 1985: 178.

**Type locality:** Holotype male: Brazil, São Paulo: São Paulo (MZSP).

**Distribution:** Brazil (Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul, Mato Grosso do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Formosa).

### *Alphus tuberosus* (Germar, 1823)

*Lamia tuberosa* Germar, 1823: 477.

*Leiopus tuberosus*; Germar, 1839: 329.

*Alphus tuberosus*; White, 1855: 375.

**Type locality:** Holotype male: Brazil, São Paulo (MZSP).

**Distribution:** Brazil (Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul, Mato Grosso do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Formosa).

### *Cotycuiara* Galileo & Martins, 2008

#### *Cotycuiara multifasciata* Galileo & Martins, 2008

*Cotycuiara multifasciata* Galileo & Martins, 2008: 3, fig. 1.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Corumbá (Serra do Urucum) (MZSP).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Piauí, Minas Gerais).

***Dufauxia* Lane, 1955**  
***Dufauxia guaicurana* Lane, 1955**

*Dufauxia guaicurana* Lane, 1955: 294; Monné & Magno, 1990: 689, fig. 2.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Guaicurus [railway station of the Noroeste do Brasil line, now deactivated, located in Miranda] (MNRJ – destroyed in fire).

**Distribution:** Brazil (Rondônia, Mato Grosso do Sul, São Paulo), Bolivia (Beni, Santa Cruz), Paraguay.

***Eupromerella* Fisher, 1938**

**Key to species of *Eupromerella* from the Brazilian state of Mato Grosso do Sul**

1. Posterior half of elytra with wide, zigzag-shaped dark band .....  
..... *E. propinqua* (Melzer, 1931)
- Posterior half of elytra with arched dark band .....  
..... *E. plaumanni* (Fuchs, 1958)

***Eupromerella plaumanni* (Fuchs, 1958)**

*Acanthoderes (Psapharochrus) plaumanni* Fuchs, 1958: 59. *Eupromerella plaumanni*; Martins & Santos-Silva, 2013: 15.

**Type locality:** Holotype male: Brazil, Santa Catarina: Nova Teutonia (HSCV).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Goiás, Bahia, Minas Gerais, Santa Catarina), Bolivia (Santa Cruz).

***Eupromerella propinqua* (Melzer, 1931)**  
**(Fig. 5E-5F)**

*Acanthoderes propinqua* Melzer, 1931b: 61, pl. 13, fig. 16. *Eupromerella propinqua*; Martins & Santos-Silva, 2013: 15.

**Type locality:** Lectotype: Brazil, São Paulo: São Paulo (Saúde) (MZSP).

**Distribution:** Brazil (Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Bolivia (Santa Cruz), Paraguay, Argentina.

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Miranda, 1 specimen, 15.X.2009, no collector indicated (MNRJ).

***Exalphus* Restello, Iannuzzi & Marinoni, 2001**  
***Exalphus foveatus* (Marinoni & Martins, 1978)**

*Alphus foveatus* Marinoni & Martins, 1978: 178, fig. 4.  
*Exalphus foveatus*; Restello et al., 2001: 296.

**Type locality:** Holotype male: Brazil, São Paulo: Gavião Peixoto (MZSP).

**Distribution:** Panama, French Guiana, Brazil (Mato Grosso, Mato Grosso do Sul, Goiás, Maranhão, Piauí, Bahia, Minas Gerais, São Paulo), Bolivia (Santa Cruz).

***Nesozineus* Linsley & Chemsak, 1966**

**Key to species of *Nesozineus* from the Brazilian state of Mato Grosso do Sul**

1. Greyish elytral pubescence forming longitudinal bands .....  
..... *N. lineolatus* Galileo & Martins, 1996
- Elytral pubescence not forming longitudinal bands..... 2
- 2(1). Lateral tubercle of prothorax long; trochanters and inferior sides of base of mesofemora without fringe of white setae .....  
..... *N. triviale* Galileo & Martins, 1996
- Lateral tubercle of prothorax short; trochanters and inferior sides of base of mesofemora with fringe of white setae .....  
..... *N. bucki* (Breuning, 1954)

***Nesozineus bucki* (Breuning, 1954)**

*Alphus bucki* Breuning, 1954: 23.

*Nesozineus bucki*; Marinoni & Martins, 1978: 181; Galileo & Martins, 1996a: 42.

**Type locality:** Holotype male: Brazil, Rio Grande do Sul: Porto Alegre (ISNB).

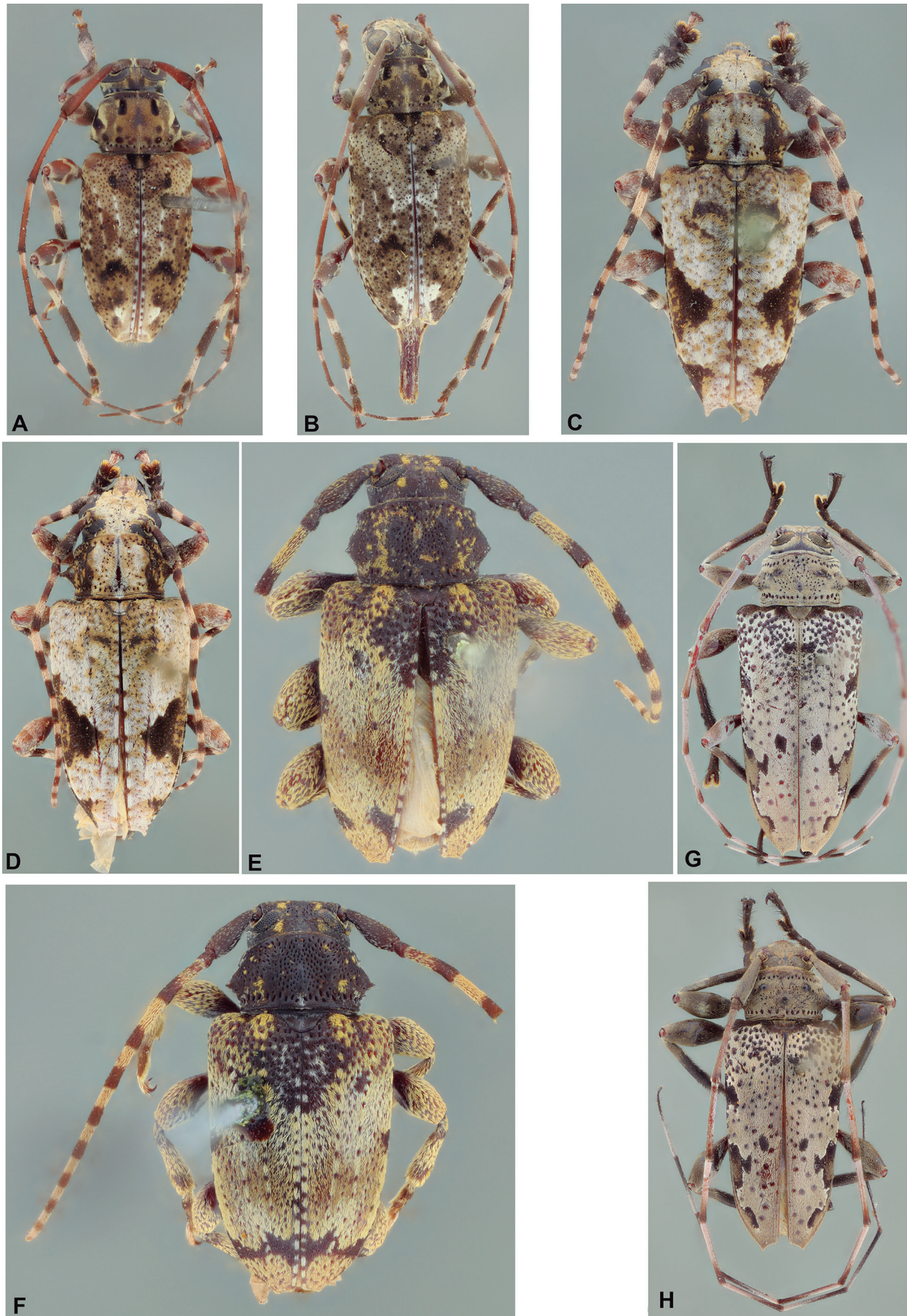
**Distribution:** Mexico, Guatemala, Nicaragua, Panama, Brazil (Mato Grosso do Sul, Maranhão, Piauí, Alagoas, Sergipe, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Beni, Santa Cruz), Paraguay, Argentina (Santiago del Estero, Chaco).

***Nesozineus lineolatus* Galileo & Martins, 1996**

*Nesozineus lineolatus* Galileo & Martins, 1996a: 43, fig. 3.

**Type locality:** Holotype female: Brazil, Mato Grosso do Sul: Três Lagoas (Porto Rio Verde) (MZSP).

**Distribution:** Brazil (Rondônia, Mato Grosso do Sul, Maranhão, Alagoas, Sergipe, Bahia, Minas Gerais, São Paulo), Paraguay.



**Figure 5.** Dorsal habitus. (A-B) *Oedopeza ocellata* (Fabricius, 1801): (A) Male, Brazil, Pará, Jacareacanga; (B) Female, Paraguay, Villarica. (C-D) *Aegomorphus jaspideus* (Germar, 1823): (C) Male, Brazil, São Paulo, Barueri; (D) Female, Brazil, São Paulo, São Paulo, Pirituba. (E-F) *Eupromerella propinqua* (Melzer, 1931): (E) Lectotype male; (F) Female, Brazil, São Paulo, Amparo. (G-H) *Oreodera aerumnosa* Erichson, 1847: (G) Female, Brazil, Espírito Santo, Baixo Guandú; (H) Male, Brazil, São Paulo, Itú.



***Nesozineus triviale* Galileo & Martins, 1996**

*Nesozineus triviale* Galileo & Martins, 1996a: 45, fig. 5.

**Type locality:** Holotype male: Brazil, Espírito Santo: Barra de São Francisco (Córrego do Itá) (MZSP).

**Distribution:** Mexico (Quintana Roo), Costa Rica, Panama, Brazil (Goiás, Mato Grosso do Sul, Maranhão, Piauí, Paraíba, Bahia, Espírito Santo, Rio de Janeiro, São Paulo, Santa Catarina), Bolivia (Santa Cruz, Tarija), Paraguay.

***Steirastoma* Lacordaire, 1830****Key to species of *Steirastoma* from the Brazilian state of Mato Grosso do Sul**

1. Genae spiniform ..... *S. genisspina* Schwarzer, 1923  
— Genae not spiniform ..... *S. stellio* Pascoe, 1866

***Steirastoma genisspina* Schwarzer, 1923**

*Steirastoma genisspina* Schwarzer, 1923: 259; Tavakilian & Téocchi, 1998: fig. 5, 9.

**Syntypes locality:** Syntypes male and female: Brazil, Mato Grosso do Sul: Corumbá (SMFD).

**Distribution:** Ecuador, French Guiana, Brazil (Amazonas, Pará, Mato Grosso, Mato Grosso do Sul, Maranhão), Bolivia (Santa Cruz).

***Steirastoma stellio* Pascoe, 1866**

*Steirastoma stellio* Pascoe, 1866: 280; Casari, 2016: 44, fig. 47-57, 74 (larva, pupa).

**Type locality:** Holotype: Colombia, Magdalena: Santa Marta (BMNH).

**Distribution:** Honduras, Costa Rica, Colombia, Ecuador, Peru, French Guiana, Brazil (Paraíba, Pernambuco, Ceará, Bahia, Mato Grosso do Sul, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Tucumán, Santiago del Estero, La Rioja, Córdoba, Santa Fé, Entre Ríos, Buenos Aires), Uruguay. Africa, São Tomé.

**Acrocini Swainson, 1840*****Macropophora* Thomson, 1864*****Macropophora accentifer* (Olivier, 1795)**

*Prionus accentifer* Olivier, 1795: (66) 8, pl. 4, fig. 16.

*Acrocinus accentifer*; Schönherr, 1817: 348.

*Macropus accentifer*; Audinet-Serville, 1835: 19.

**Type locality:** Holotype male: not reported (MNHN).

**Distribution:** Brazil (Mato Grosso, Goiás, Mato Grosso do Sul, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Beni, Santa Cruz), Paraguay, Argentina (Salta, Formosa, Misiones, Corrientes), Uruguay.

***Oreodera* Audinet-Serville, 1835****Key to species of *Oreodera* from the Brazilian state of Mato Grosso do Sul**

1. Elytra with transverse dark band on posterior half .....  
..... *O. glauca glauca* (Linnaeus, 1758)  
— Elytra without transverse dark band on posterior half ..... 2  
2(1). Elytra densely, coarsely punctate on anterior third, pubescence not  
obscuring punctures on this area ..... *O. aerumnosa* Erichson, 1847  
— Elytra not densely and coarsely punctate on anterior third; pubes-  
cence almost obscuring punctures on this area .....  
..... *O. occulta* Monné & Fragoso, 1988

***Oreodera aerumnosa* Erichson, 1847  
(Fig. 5G-5H)**

*Oreodera aerumnosa* Erichson, 1847: 142; Tavakilian & Néouze, 2011: 96, fig. 63, 64.

**Type locality:** Holotype male: Peru (ZMHB).

**Distribution:** Panama, Colombia, Venezuela, Ecuador, Suriname, French Guiana, Peru, Brazil (Amazonas, Pará, Rondônia, Maranhão, Paraíba, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Beni, La Paz, Santa Cruz), Paraguay, Argentina (Misiones), Uruguay.

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Campo Grande, Universitário, UFMS, 1 specimen, 04.XI.2021, T.R.F. Sinani leg. (MNRJ).

***Oreodera glauca glauca* (Linnaeus, 1758)  
(Fig. 6A-6B)**

*Cerambyx glaucus* Linnaeus, 1758: 390.

*Oreodera glauca*; Audinet-Serville, 1835: 20.

*Oreodera glauca glauca*; Chemsak et al., 1988: 294.

**Type locality:** Holotype: America (NHRS).

**Distribution:** Mexico (Jalisco, Oaxaca, Puebla, Sinaloa, Chiapas, Quintana Roo, Tamaulipas, Morelos), Guatemala, Honduras, Nicaragua, Costa Rica, Panama, Colombia, Venezuela, Ecuador, Peru, Suriname, French Guiana, Guiana, Piauí, Brazil (Amapá, Amazonas, Pará, Rondônia, Mato Grosso, Maranhão, Sergipe, Alagoas, Paraíba, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São

Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Tarija), Paraguay, Argentina (Salta, Misiones, Chaco), Uruguay, Haiti, Dominican Republic, Dominica, Guadeloupe, Jamaica, Puerto Rico, Bahamas, St. Lucia, Montserrat, Cayman Islands.

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Campo Grande, Pioneiros, Condomínio Castelo de Luxemburgo, 1 specimen, 10.X.2021, T.R.F. Sinani leg. (MNRJ).

***Oreodera occulta* Monné & Fragoso, 1988**

*Oreodera occulta* Monné & Fragoso, 1988: 823, fig. 15.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Miranda (MNRJ – destroyed in fire).

**Distribution:** Bolivia (Santa Cruz, Tarija), Brazil (Mato Grosso do Sul), Argentina (Formosa).

***Aerenicini* Lacordaire, 1872**  
***Aerenica* Dejean, 1835**  
***Aerenica canescens* (Klug, 1825)**

*Saperda canescens* Klug, 1825: 468, pl. 43, fig. 2.  
*Aerenica canescens*; Dejean, 1835: 352; Martins & Galileo, 1998: 52, fig. 62.  
*Aerenaesius canescens*; Gilmour, 1962: 132, fig. 6-7.

**Type locality:** Holotype: Brazil (ZMHB).

**Distribution:** Brazil (Goiás, Maranhão, Mato Grosso do Sul, Tocantins, Bahia, Minas Gerais, Rio de Janeiro, São Paulo, Paraná, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Salta, Jujuy, Chaco, Misiones).

***Aerenicopsis* Bates, 1885**  
***Aerenicopsis perforata* Lane, 1939**

*Aerenicopsis perforata* Lane, 1939: 78.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul, Maranhão, Paraíba, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), French Guiana, Bolivia, Argentina (Misiones).

***Aerenomera* Gilmour, 1962**  
***Aerenomera boliviensis* Gilmour, 1962**

*Aerenomera boliviensis* Gilmour, 1962: 135, fig. 9-10.

**Type locality:** Holotype male: Bolivia, Santa Cruz: Chiquitas-Santiago (MAGD).

**Distribution:** Brazil (Pernambuco, Paraíba, Bahia, Mato Grosso do Sul, Minas Gerais, São Paulo), Bolivia (Santa Cruz), Paraguay, Argentina (Formosa, Misiones).

***Antodilanea* Gilmour, 1962**  
***Antodilanea modesta* (Lane, 1939)**

*Antodice ? modesta* Lane, 1939: 78.  
*Antodilanea modesta*; Gilmour, 1962: 140; Lane, 1974: 365, fig. 13.

**Type locality:** Holotype female: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** Brazil (Minas Gerais, Mato Grosso do Sul), Paraguay.

***Eponina* Lane, 1939**  
***Eponina flava* Lane, 1939**

*Eponina flava* Lane, 1939: 77; 1974: 374, fig. 19.

**Type locality:** Lectotype male: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Paraná).

***Holoaerenica* Lane, 1973**  
***Holoaerenica punctata* (Gilmour, 1962)**

*Aerenica punctata* Gilmour, 1962: 129, fig. 2.  
*Holoaerenica punctata*; Martins, 1984: 312.

**Type locality:** Holotype male: Bolivia, Santa Cruz: Chiquitas-Santiago (MAGD).

**Distribution:** Bolivia (Santa Cruz), Brazil (Mato Grosso do Sul, Minas Gerais, São Paulo), Paraguay, Argentina (Jujuy, Salta, Catamarca, Tucumán).

***Hoplistonychus* Melzer, 1930**  
***Hoplistonychus bondari* Melzer, 1930**

*Hoplistonychus bondari* Melzer, 1930: 204, fig. 2, pl. 17, fig. 20.

**Type locality:** Lectotype female: Brazil, São Paulo: Piracicaba (MZSP).

**Distribution:** French Guiana, Peru, Brazil (Pará, Mato Grosso, Mato Grosso do Sul, Bahia, Minas Gerais, São Paulo, Paraná), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones).

***Phaula* Chevrolat, 1847****Key to species of *Phaula* from the Brazilian state of Mato Grosso do Sul**

1. Elytral pubescence unicolorous, without bands of yellowish or orangish pubescence..... 2
- Elytra with longitudinal bands of yellowish or orangish pubescence... 3
- 2(1). Scape and pedicel reddish, pronotum and base of elytra finely and densely punctate; apical spine of elytra as long as pedicel.....  
..... *P. microsticta* (Lane, 1973)
- Scape and pedicel blackish; pronotum and base of elytra coarsely and densely punctate; apical spine of elytra at least twice as long as pedicel ..... *P. thomsonii* Lacordaire, 1872
- 3(1). Elytral granules present only on basal area; elytra apex with long spine ..... *P. atyroa* Galileo & Martins, 2007
- Elytral granules present on basal half; elytra apex acuminate, without long spine ..... *P. bullula* Martins, 1984

***Phaula atyroa* Galileo & Martins, 2007**

*Phaula atyroa* Galileo & Martins, 2007: 70, fig. 6.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Selvíria (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul).

***Phaula bullula* Martins, 1984**

*Phaula bullula* Martins, 1984: 315.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Maracaju (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul).

***Phaula microsticta* (Lane, 1973)**

*Cryptophaula microsticta* Lane, 1973: 426.

*Phaula microsticta*; Martins, 1984: 316; Martins & Galileo, 1998: 18, fig. 20-25.

**Type locality:** Holotype male: Brazil, São Paulo: Itapeva (MZSP).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Minas Gerais, São Paulo, Paraná, Rio Grande do Sul), Argentina (Formosa).

***Phaula thomsonii* Lacordaire, 1872**

*Phaula thomsonii* Lacordaire, 1872: 898.

*Phaula thomsonii*; Martins & Galileo, 1998: 19.

**Type locality:** Holotype female: Brazil, Minas Gerais (MNHN).

**Distribution:** Brazil (Pará, Mato Grosso do Sul, Goiás, Maranhão, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Colombia, Bolivia (Santa Cruz), Paraguay, Argentina (Misiones).

***Pseudomecas Aurivillius, 1920******Pseudomecas femoralis* Aurivillius, 1920**

*Pseudomecas femoralis* Aurivillius, 1920: 401; Martins & Galileo, 1998: 101, fig. 74.

**Syntypes locality:** Argentina, Chaco de Santiago (NHRS).

**Distribution:** Brazil (Mato Grosso, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo), Bolivia (Santa Cruz), Paraguay, Argentina (Santiago del Estero, Córdoba).

***Recchia* Lane, 1966****Key to species of *Recchia* from the Brazilian state of Mato Grosso do Sul**

1. Sides of prothorax with brownish pubescence and three longitudinal whitish pubescent bands, first one on sides of pronotum ..... 2
- Sides of prothorax mostly with yellowish or whitish pubescence, with longitudinal bands slightly distinct..... 4
- 2(1). Elytra dark brown, with whitish pubescence forming short longitudinal bands ..... *R. parvula* (Lane, 1938)
- Elytral pubescence mostly yellowish or yellowish-white, especially on anterior half ..... 3
- 3(2). Posterior third of elytra with narrow, longitudinal white pubescent bands ..... *R. hirticornis* (Klug, 1825)
- Posterior third of elytra without narrow longitudinal white pubescent bands ..... *R. albicans* (Guérin-Méneville, 1831)
- 4(1). Elytra entirely covered by whitish or yellowish pubescence, without pubescent bands of other color ..... *R. acutipennis* (Gahan, 1899)
- Elytra with bands or areas of whitish, yellowish or brownish pubescence..... 5
- 5(4). Base of elytra with narrow, longitudinal light and dark pubescent bands ..... *R. piriana* Martins & Galileo, 1998
- Elytral pubescence almost uniform or with uniform pubescence between white bands ..... 6
- 6(5). Anterior third of elytra with uniform pubescence, without arched whitish pubescent band bordering circum-scutellar region ..... 7
- Anterior third of elytra with arched pubescent band delimiting the circum-scutellar region ..... 8
- 7(6). Integument dark brown on femora, prosternum, mesoventrite, posterior half of mesanepisternum, area close to mesocoxae and sides of ventrite 1 ..... *R. goiana* Martins & Galileo, 1985
- Integument reddish on femora, prosternum, mesoventrite, posterior half of mesanepisternum, area close to mesocoxae and sides of ventrite 1 ..... *R. flaveola* Martins & Galileo, 1985
- 8(6). Setae on inner surface of basal flagellomeres brownish; arched whitish pubescent band on central region of elytra reaching suture .....  
..... *R. procera* Martins & Galileo, 1985
- Setae on inner surface of basal flagellomeres whitish; arched whitish pubescent band on central region or elytra not reaching suture ... 9

- 9(8). Elytral whitish pubescent bands well marked, narrow.....  
..... *R. distincta* (Lane, 1939)  
— Elytral whitish pubescent bands wide, some of them slightly marked  
..... 10  
10(9). Antennae with brownish integument, with setae on basal flagel-  
lomers as long as twice the diameter of the segment .....  
..... *R. moema* Martins & Galileo, 1998  
— Antennae with reddish integument, with setae on basal flagel-  
lomers slightly longer as the diameter of the segment .....  
..... *R. gemignanii* (Lane, 1939)

### ***Recchia acutipennis* (Gahan, 1889)**

*Aerenica acutipennis* Gahan, 1889: 400.  
*Recchia acutipennis*; Martins & Galileo, 1998: 67.

**Type locality:** Holotype: Brazil (BMNH).

**Distribution:** Brazil (Goiás, Mato Grosso, Mato Grosso do Sul, Bahia, Minas Gerais, São Paulo, Rio Grande do Sul), Bolivia, Paraguay, Argentina (Misiones).

### ***Recchia albicans* (Guérin-Ménéville, 1831)**

*Saperda albicans* Guérin-Ménéville, 1831: pl. 45, fig. 4.  
*Recchia albicans*; Martins & Galileo, 1998: 66, fig. 6, 45.

**Type locality:** Holotype male: Brazil (Unknown Depository).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones).

### ***Recchia distincta* (Lane, 1939)**

*Aerenica distincta* Lane, 1939: 77.  
*Recchia distincta*; Martins & Galileo, 1998: 76, fig. 53.

**Type locality:** Lectotype male: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Jujuy, Santiago del Estero, Salta, Chaco, Santa Fé).

### ***Recchia flaveola* Martins & Galileo, 1985**

*Recchia flaveola* Martins & Galileo, 1985: 487; 1998: 75.

**Type locality:** Holotype male: Brazil, Minas Gerais: Arinos (MZSP).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Minas Gerais, São Paulo), Paraguay.

### ***Recchia gemignanii* (Lane, 1939)**

*Aerenica gemignanii* Lane, 1939: 76.  
*Recchia gemignanii*; Martins & Galileo, 1985: 489; 1998: 72, fig. 40 (syn.).

**Type locality:** Holotype male: Argentina, Chaco: Resistencia (MACN).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Minas Gerais, Paraná), Bolivia (Santa Cruz), Paraguay, Argentina (Chaco, Tucumán).

### ***Recchia goiana* Martins & Galileo, 1985**

*Recchia goiana* Martins & Galileo, 1985: 486; 1998: 75.

**Type locality:** Holotype male: Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso, Mato Grosso do Sul, São Paulo), Bolivia (Santa Cruz), Paraguay.

### ***Recchia hirticornis* (Klug, 1825)**

*Saperda hirticornis* Klug, 1825: 468, pl. 43, fig. 3.  
*Aerenica hirticornis*; Thomson, 1860: 65.  
*Recchia hirticornis*; Martins & Galileo, 1998: 64, fig. 42.

**Syntypes locality:** Syntypes: Brazil (ZMHB).

**Distribution:** Venezuela, French Guiana, Brazil (Goiás, Mato Grosso, Mato Grosso do Sul, Maranhão, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Beni, Santa Cruz), Paraguay, Argentina (Salta, Jujuy, Formosa, Misiones, Santa Fé, Chaco, Entre Ríos, Buenos Aires), Uruguay.

### ***Recchia moema* Martins & Galileo, 1998**

*Recchia moema* Martins & Galileo, 1998: 74, fig. 49.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul, Piauí, Ceará, Rio Grande do Sul), Argentina (Chaco, Corrientes, Entre Ríos, Córdoba), Uruguay.

### ***Recchia parvula* (Lane, 1938)**

*Aerenica parvula* Lane, 1938c: 637, pl. 1, fig. 2.  
*Recchia parvula*; Martins & Galileo, 1985: 484; 1998: 61.

**Type locality:** Holotype male: Brazil, Goiás: Campinas (MZSP).

**Distribution:** Brazil (Goiás, Maranhão, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Bolivia (Santa Cruz), Paraguay.

#### ***Recchia piriana* Martins & Galileo, 1998**

*Recchia piriana* Martins & Galileo, 1998: 78, fig. 48.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Porto Murtinho (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul), Paraguay.

#### ***Recchia procera* Martins & Galileo, 1985**

*Recchia procera* Martins & Galileo, 1985: 486; 1998: 76, fig. 50.

**Type locality:** Holotype male: Brazil, São Paulo: Barueri (MZSP).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Bahia, Minas Gerais, Rio de Janeiro, São Paulo, Paraná, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones).

#### **Agapanthiini Mulsant, 1839**

#### ***Hippopsis* Lepeletier & Audinet-Serville, 1825**

#### **Key to species of *Hippopsis* from the Brazilian state of Mato Grosso do Sul**

1. Elytral apex cut in a curve, with projection or spine on outer angle or with projections on outer and sutural angles.....  
..... *H. truncatella* Bates, 1866
- Elytral apex rounded or projected in spine..... 2
- 2(1). Anterocentral region of metaventricle with small tubercle.....  
..... *H. tuberculata* Galileo & Martins, 1988
- Anterocentral region of metaventricle without tubercle.....  
..... *H. prona* Bates, 1866

#### ***Hippopsis prona* Bates, 1866**

*Hippopsis prona* Bates, 1866a: 41; Martins & Galileo, 2006: 478, fig. 23, 40-41 (syn.).

**Type locality:** Holotype female: Brazil, Amazonas: São Paulo de Olivença (MNHN).

**Distribution:** Ecuador, Peru, Brazil (Amazonas, Goiás, Maranhão, Alagoas, Mato Grosso do Sul, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones, Chaco).

#### ***Hippopsis truncatella* Bates, 1866**

*Hippopsis truncatella* Bates, 1866a: 39; Martins & Galileo, 2006: 482, fig. 17, 37.

**Syntypes locality:** Syntypes: Brazil, Pará and lower Amazonas (MNHN).

**Distribution:** Brazil (Roraima, Amazonas, Pará, Rondônia, Mato Grosso, Goiás, Mato Grosso do Sul, Maranhão, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Santa Catarina), Bolivia (Santa Cruz).

#### ***Hippopsis tuberculata* Galileo & Martins, 1988**

*Hippopsis tuberculata* Galileo & Martins, 1988: 181, fig. 4-7.

**Type locality:** Holotype male: Brazil, Espírito Santo: Itapemirim (MNRJ).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo), Bolivia (Santa Cruz), Argentina (Tucumán, Formosa, Misiones).

#### ***Trichohippopsis* Breuning, 1958**

#### ***Trichohippopsis magna* Martins & Carvalho, 1983**

*Trichohippopsis magna* Martins & Carvalho, 1983: 163; Galileo & Santos-Silva, 2016: 365, fig. 6.

**Type locality:** Holotype female: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Minas Gerais), Bolivia (Santa Cruz).

#### **Apomecynini Thomson, 1860**

#### ***Adetus* LeConte, 1852**

#### **Key to species of *Adetus* from the Brazilian state of Mato Grosso do Sul**

1. Elytra without small tuft of whitish or yellowish pubescence near apex..... *A. modestus* Melzer, 1934
- Elytra with small tuft of whitish or yellowish pubescence near apex.....  
..... *A. bacillarius* Bates, 1885

#### ***Adetus bacillarius* Bates, 1885**

*Adetus bacillarius* Bates, 1885: 344, pl. 22, fig. 6; Santos-Silva et al., 2019b: 5, fig. 14-16, 81.

**Type locality:** Lectotype: Panama, Volcán de Chiriquí (BMNH).

**Distribution:** Mexico (Chiapas, Guatemala, Honduras, Nicaragua, Costa Rica, Panama, Venezuela, Colombia, Brazil (Pará, Goiás, Mato Grosso do Sul, São Paulo), Bolivia (Santa Cruz), Paraguay.

***Adetus modestus* Melzer, 1934**

*Adetus modestus* Melzer, 1934a: 83.

**Type locality:** Holotype: Brazil, São Paulo: São Paulo (MZSP).

**Distribution:** Brazil (Rondônia, Mato Grosso, Mato Grosso do Sul, Goiás, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Rio Grande do Sul), Argentina (Santiago del Estero).

***Catuaba Martins & Galileo, 2003***

***Catuaba sanguinolenta* Martins & Galileo, 2003**

*Catuaba sanguinolenta* Martins & Galileo, 2003a: 135, fig. 3.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Vacaria [currently, Rio Brilhante] (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul).

***Ptericoptus Lacordaire, 1830***

**Key to species of *Ptericoptus* from the Brazilian state of Mato Grosso do Sul**

1. Elytra with U-shaped brownish pubescence from anterior to posterior quarter..... *P. corumbaensis* Galileo & Martins, 2003
- Elytra without U-shaped brownish pubescence.....  
..... *P. dorsalis* Audinet-Serville, 1835

***Ptericoptus corumbaensis* Galileo & Martins, 2003**

*Ptericoptus corumbaensis* Galileo & Martins, 2003: 383, fig. 6.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Corumbá (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul).

***Ptericoptus dorsalis* Audinet-Serville, 1835**

*Ptericoptus dorsalis* Audinet-Serville, 1835: 61; Galileo & Martins, 2003: 382, fig. 5 (rev.).

**Type locality:** Holotype: Brazil (BMNH).

**Distribution:** Brazil (Pará, Paraíba, Ceará, Bahia, Minas Gerais, São Paulo, Mato Grosso, Mato Grosso do Sul), Bolivia (Santa Cruz), Paraguay.

***Calliini Thomson, 1864***

***Callia Audinet-Serville, 1835***

***Callia cyanea* Melzer, 1931**

*Callia cyanea* Melzer, 1931a: 14, fig. 8; Galileo & Martins, 2002: 52.

**Type locality:** Lectotype: Brazil, Mato Grosso do Sul: Vacaria [currently, Rio Brilhante] (MZSP).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Minas Gerais), Paraguay.

***Callisema Martins & Galileo, 1990***

***Callisema rufipes* Martins & Galileo, 1990**

*Callisema rufipes* Martins & Galileo, 1990b: 476, fig. 1.

**Type locality:** Holotype male: Brazil, São Paulo: Barueri (MZSP).

**Distribution:** Brazil (Rondônia, Maranhão, Mato Grosso, Mato Grosso do Sul, Goiás, Ceará, Bahia, Minas Gerais, Espírito Santo, São Paulo), Bolivia (Santa Cruz), Paraguay.

***Hemicladus Buquet, 1857***

***Hemicladus thomsonii* Buquet, 1857**

*Hemicladus thomsonii* Buquet, 1857: 330, pl. 15, fig. 4; Galileo & Martins, 1991: 249.

**Type locality:** Lectotype female: Brazil (MNHN).

**Distribution:** Brazil (Rondônia, Mato Grosso, Mato Grosso do Sul, Goiás, Minas Gerais, São Paulo), French Guiana, Bolivia (Santa Cruz).

***Composomatini Thomson, 1857***

***Aerenea Thomson, 1857***

**Key to species of *Aerenea* from the Brazilian state of Mato Grosso do Sul**

1. Each elytron with two large white pubescent maculae.....  
..... *A. quadriplagiata* (Boheman, 1859)
- Elytra without distinct white pubescent maculae.....  
..... *A. gibba* Martins, Galileo & Limeira-de-Oliveira, 2011

***Aerenea gibba***

**Martins, Galileo & Limeira-de-Oliveira, 2011**

*Aerenea gibba* Martins et al., 2011: 286, fig. 10.

**Type locality:** Holotype male: Brazil, Maranhão: Caxias (Campus UEMA, Morro do Alecrim) (MZSP).

**Distribution:** Brazil (Maranhão, Mato Grosso do Sul).

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

*Composoma quadriplagiata* Boheman, 1859: 151.

*Aerenea quadriplagiata*; Aurivillius, 1904: 208; Monné, 1980c: 252, fig. 13, 21.

**Type locality:** Holotype female: Argentina, Buenos Aires (NHRS).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Jujuy, Catamarca, Tucumán, Santiago del Estero, La Rioja, Córdoba, Formosa, Misiones, Chaco, Santa Fé, Corrientes, Entre Ríos, Buenos Aires), Uruguay.

***Composoma Lacordaire, 1830*  
*Composoma chabrilacii* Thomson, 1857  
(Fig. 6C-6D)**

*Composoma chabrilacii* Thomson, 1857b: 74, pl. 9, fig. 6; Monné, 1980b: 95, fig. 13, 22 (rev.).

**Type locality:** Holotype male: Brazil, Rio de Janeiro, Rio de Janeiro (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso, Minas Gerais, São Paulo).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Campo Grande, Universitário, UFMS, 1 specimen, 18.XI.2021, R. Olivier and T.R.F. Sinani leg. (MNRJ).

***Tessarecphora* Thomson, 1857  
*Tessarecphora arachnoides arachnoides* Thomson,  
1857  
(Fig. 6E-6F)**

*Tessarecphora arachnoides* Thomson, 1857b: 77, pl. 9, fig. 10, a-c.

*Tessarecphora arachnoides arachnoides*; Monné, 1980a: 38, fig. 4-5.

**Type locality:** Holotype: Brazil (MNHN).

**Distribution:** Brazil (Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Salta, Tucumán, Chaco, Misiones).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Corumbá, Paso do Lontra, Base de Estudos do Pantanal,

19°34'36"S, 51°01'87"W, UFMS, 2 specimens, 14.XII.2021, T.R.F. Sinani leg. (MNRJ); 1 specimen, 02.XII.2020, T.R.F. Sinani leg. (MNRJ).

***Desmiphorini* Thomson, 1860  
*Cicatrisesstola* Breuning, 1947  
*Cicatrisesstola flavicans* Breuning, 1947**

*Cicatrisesstola flavicans* Breuning, 1947: 55; Martins & Galileo, 1995b: 163.

**Type locality:** Holotype: Bolivia (NHRS).

**Distribution:** Brazil (Mato Grosso do Sul, São Paulo, Paraná, Santa Catarina), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Chaco, Formosa).

***Cicuiara* Galileo & Martins, 1996**

**Key to species of *Cicuiara* from the Brazilian state of Mato Grosso do Sul**

1. Elytra with longitudinal greyish pubescent bands .....  
.....*C. striata* (Bates, 1866)
- Elytra without longitudinal greyish pubescent bands .....  
.....*C. nitidula* (Bates, 1866)

***Cicuiara nitidula* (Bates, 1866)**

*Exocentrus nitidulus* Bates, 1866b: 191.

*Cicuiara nitidula*; Galileo & Martins, 1996b: 875.

**Syntypes locality:** Brazil, Pará: Santarém (MNHN).

**Distribution:** Brazil (Pará, Mato Grosso do Sul), Bolivia (Santa Cruz).

***Cicuiara striata* (Bates, 1866)**

*Exocentrus striatus* Bates, 1866b: 191.

*Cicuiara striata*; Galileo & Martins, 1996b: 875, fig. 5 (error).

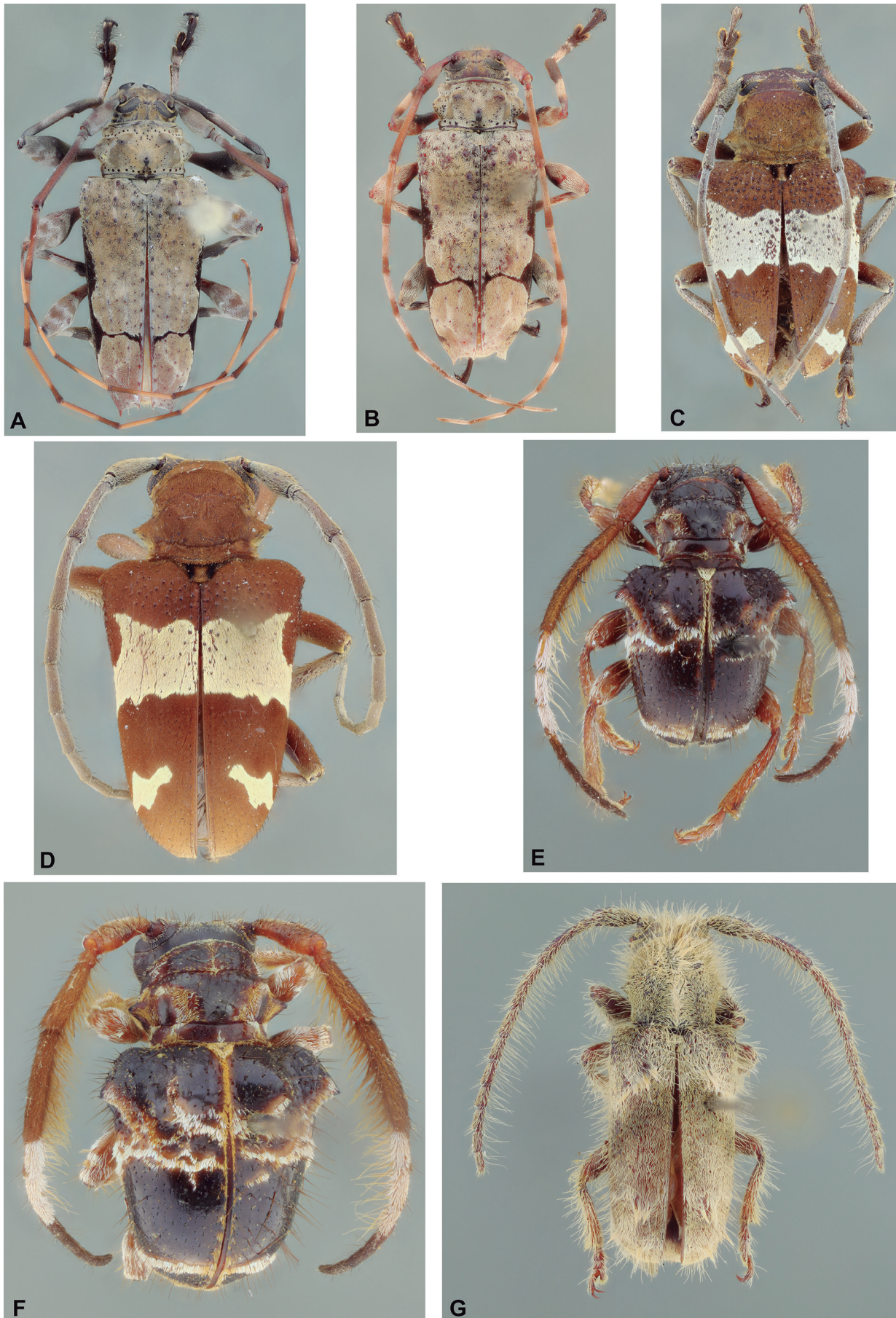
**Type locality:** Holotype: Brazil, Pará: Santarém (MNHN).

**Distribution:** Venezuela, Brazil (Pará, Mato Grosso do Sul, Goiás, Maranhão, Piauí, Bahia, Minas Gerais, São Paulo), Bolivia (Santa Cruz), Paraguay.

***Desmiphora* Audinet-Serville, 1835**

**Key to species of *Desmiphora* (*Desmiphora*) from the Brazilian state of Mato Grosso do Sul**

1. Sides of pronotum with whitish pubescence.....*D. (D.) pallida* Bates, 1874



**Figure 6.** Dorsal habitus. (A-B) *Oreodera glauca glauca* (Linnaeus, 1758): (A) Male, Brazil, Bahia; (B) Female, Brazil, Maranhão. (C-D) *Compsosoma chabrilacii* Thomson, 1857: (C) Female, Brazil, São Paulo, Marília; (D) Male, Brazil, Goiás, Leopoldo Bulhões. (E-F) *Tessarecphora arachnoides arachnoides* Thomson, 1857: (E) Male, Brazil, Minas Gerais, Pouso Alegre; (F) Female, Brazil, São Paulo, São Paulo. (G) *Desmiphora (Desmiphora) pallida* Bates, 1874, male, Argentina, Salta.



- Sides of pronotum with orangish-brown pubescence.....  
 .....*D. (D.) elegantula* White, 1855

***Desmiphora (Desmiphora) elegantula* White, 1855**

*Desmiphora elegantula* White, 1855: 401.

*Desmiphora (Desmiphora) elegantula*; Breuning, 1963: 511.

**Type locality:** Holotype: Brazil, Pará: Tapajós (BMNH).

**Distribution:** Colombia, Venezuela, French Guiana, Brazil (Roraima, Pará, Goiás, Mato Grosso do Sul, São Paulo), Bolivia (Santa Cruz).

***Desmiphora (Desmiphora) pallida* Bates, 1874  
(Fig. 6G-7A)**

*Desmiphora pallida* Bates, 1874: 226.

*Desmiphora (Desmiphora) pallida*; Breuning, 1963: 512.

**Syntypes locality:** Jamaica (MNHN).

**Distribution:** Jamaica, Brazil (Goiás, Maranhão, Rio Grande do Norte, Piauí, Ceará, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo), Peru, Bolivia (Santa Cruz), Argentina (Tucumán).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Ladário, APA Baía Negra, 19°01'50"S, 57°33'60"W, 1 specimen, 16.XII.2021, A.F. Oliveira leg. (MNRJ).

***Estola* Fairmaire & Germain, 1859**

**Key to species of *Estola* from the Brazilian state of Mato Grosso do Sul**

1. Pronotum without oblique whitish pubescent band on each side of posterior region; elytra with abundant white pubescent maculae ..  
 ..... *E. albomarmorata* Breuning, 1943
- Pronotum with oblique whitish pubescent band on each side of posterior region; elytra without abundant white pubescent maculae ..  
 ..... *E. flavescens* Breuning, 1940

***Estola albomarmorata* Breuning, 1943  
(Fig. 7B)**

*Estola albomarmorata* Breuning, 1943: 57; 1974: 81.

**Type locality:** Holotype: Brazil, Minas Gerais (MNHN).

**Distribution:** Brazil (Minas Gerais).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Ladário, APP Baía Negra, 19°01'50"S, 57°33'60"W, 1 specimen, 17.XII.2021, A.F. Oliveira leg. (MNRJ).

***Estola flavescens* Breuning, 1940**

*Estola flavescens* Breuning, 1940a: 69.

**Type locality:** Holotype female: Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Goiás, Alagoas, Sergipe, Mato Grosso do Sul, Bahia, Minas Gerais, São Paulo).

***Euestola* Breuning, 1943**

***Euestola basidensepunctata* Breuning, 1943**

*Euestola basidensepunctata* Breuning, 1943: 55; 1974: 177.

**Type locality:** Holotype: Brazil, Goiás (NHRS).

**Distribution:** Brazil (Maranhão, Goiás, Mato Grosso do Sul).

***Stereomerus* Melzer, 1935**

***Stereomerus lineatus* (Breuning, 1940)**

*Mimapsopus lineatus* Breuning, 1940a: 84.

*Stereomerus lineatus*; Monné & Martins, 1974: 27; Martins & Galileo, 1994: 9, fig. 2, 5-6, 11.

**Type locality:** Holotype: Brazil, Goiás: Jataí (MNHN).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Bahia, São Paulo), Bolivia (Santa Cruz).

**Hemilophini Thomson, 1868**

***Adesmus* Lepeletier & Audinet-Serville, 1825**

**Key to species of *Adesmus* from the Brazilian state of Mato Grosso do Sul**

1. Pronotum without black maculae..... *A. collaris* Melzer, 1931
- Pronotum with black maculae..... 2
- 2(1). Center of pronotum with large, subrounded black macula; anterior half of each elytron with two black maculae, without longitudinal black bands..... *A. hemispilus* (Germar, 1823)
- Center of pronotum with elongate black maculae, sometimes fragmented; elytra with longitudinal black bands... *A. sexlineatus* (Bates, 1881)

***Adesmus collaris* Melzer, 1931  
(Fig. 7C-7D)**

*Adesmus collaris* Melzer, 1931b: 79, pl. 15, fig. 32; Galileo & Martins, 1999: 85, fig. 14.

**Type locality:** Holotype male: Brazil, Espírito Santo: Alegre (Fazenda Jerusalém) (MZSP).

**Distribution:** Brazil (Espírito Santo, Rio de Janeiro, São Paulo).

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Campo Grande, Universitário, UFMS, 1 specimen, 19.X.2021, T.R.F. Sinani leg. (MNRJ).

***Adesmus hemispilus* (Germar, 1821)**

*Saperda hemispila* Germar, 1821: 169.

*Adesmus hemispilus*; Aurivillius, 1923: 589; Galileo & Martins, 1999: 87, fig. 16.

**Syntypes locality:** Brazil (ZMHB).

**Distribution:** Brazil (Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Misiones).

***Adesmus sexlineatus* (Bates, 1881)**

*Amphionycha sexlineata* Bates, 1881: 199.

*Adesmus sexlineatus*; Aurivillius, 1923: 591; Galileo & Martins, 1999: 88, fig. 22.

**Type locality:** Holotype: Brazil, Rio de Janeiro: Constan-  
cia (MNHN).

**Distribution:** Brazil (Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Argentina (Misiones).

***Canarana* Martins & Galileo, 1992  
*Canarana marceloi* Martins & Galileo, 1992**

*Canarana marceloi* Martins & Galileo, 1992: 443, fig. 5;  
2014: 79, fig. 2.56.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul:  
Corumbá (Serra do Urucum) (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul), Bolivia (Santa Cruz), Paraguay.

**Lamiini Latreille, 1825  
*Taeniotes* Audinet-Serville, 1835  
*Taeniotes relucens* Santos-Silva & Tavakilian, 2017**

*Taeniotes relucens* Santos-Silva & Tavakilian, 2017: 45,  
fig. 10-15.

**Type locality:** Holotype male: Brazil, Distrito Federal: Ta-  
guatinga (MZSP).

**Distribution:** Panama, Brazil (Distrito Federal, Mato Grosso, Mato Grosso do Sul, Amazonas, Pará, Rondônia), Bolivia (Cochabamba, Santa Cruz, Beni), Peru, Ecuador, Colombia.

**Onciderini Thomson, 1868  
*Cacostola* Fairmaire & Germain, 1859  
*Cacostola parafusca*  
Martins, Galileo & Limeira-de-Oliveira, 2009  
(Fig. 7E-7F)**

*Cacostola parafusca* Martins et al., 2009: 521, fig. 12.

**Type locality:** Holotype male: Brazil, Maranhão: Caxias  
(Campus UEMA, Morro do Alecrim) (MZSP).

**Distribution:** Brazil (Maranhão, Piauí).

**We added:** Brazil, Mato Grosso do Sul (**new state re-  
cord**), Campo Grande, Coophavilla II, Jardim Vila Kellen,  
1 specimen, 14.XI.2021, R. Olivier leg. (MNRJ).

***Cipriscola* Dillon & Dillon, 1945  
*Cipriscola fasciata* (Thomson, 1860)**

*Hypsioma fasciata* Thomson, 1860: 118.

*Cipriscola fasciata*; Dillon & Dillon, 1945: 83, pl. 3, fig. 1;  
Penteado-Dias, 1984a: 229, fig. 25 (morphol.).

**Type locality:** Holotype female: Brazil (MNHN).

**Distribution:** Colombia, Venezuela, Brazil (Pará, Ma-  
to Grosso, Mato Grosso do Sul, Maranhão, Pernambuco,  
Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São  
Paulo, Rio Grande do Sul), Peru, Bolivia (Santa Cruz, Ta-  
rija), Paraguay, Argentina (Misiones, Chaco, Corrientes).

***Cylicasta* Thomson, 1868  
*Cylicasta parallela* (Melzer, 1934)**

*Hypsioma parallela* Melzer, 1934a: 93, pl. 2, fig. 10.

*Cylicasta parallela*; Monné & Giesbert, 1992: 252 (syn.).

**Type locality:** Holotype: Argentina, Tucumán (MACN).

**Distribution:** Brazil (Mato Grosso do Sul), Bolivia (Santa Cruz), Argentina (Tucumán).

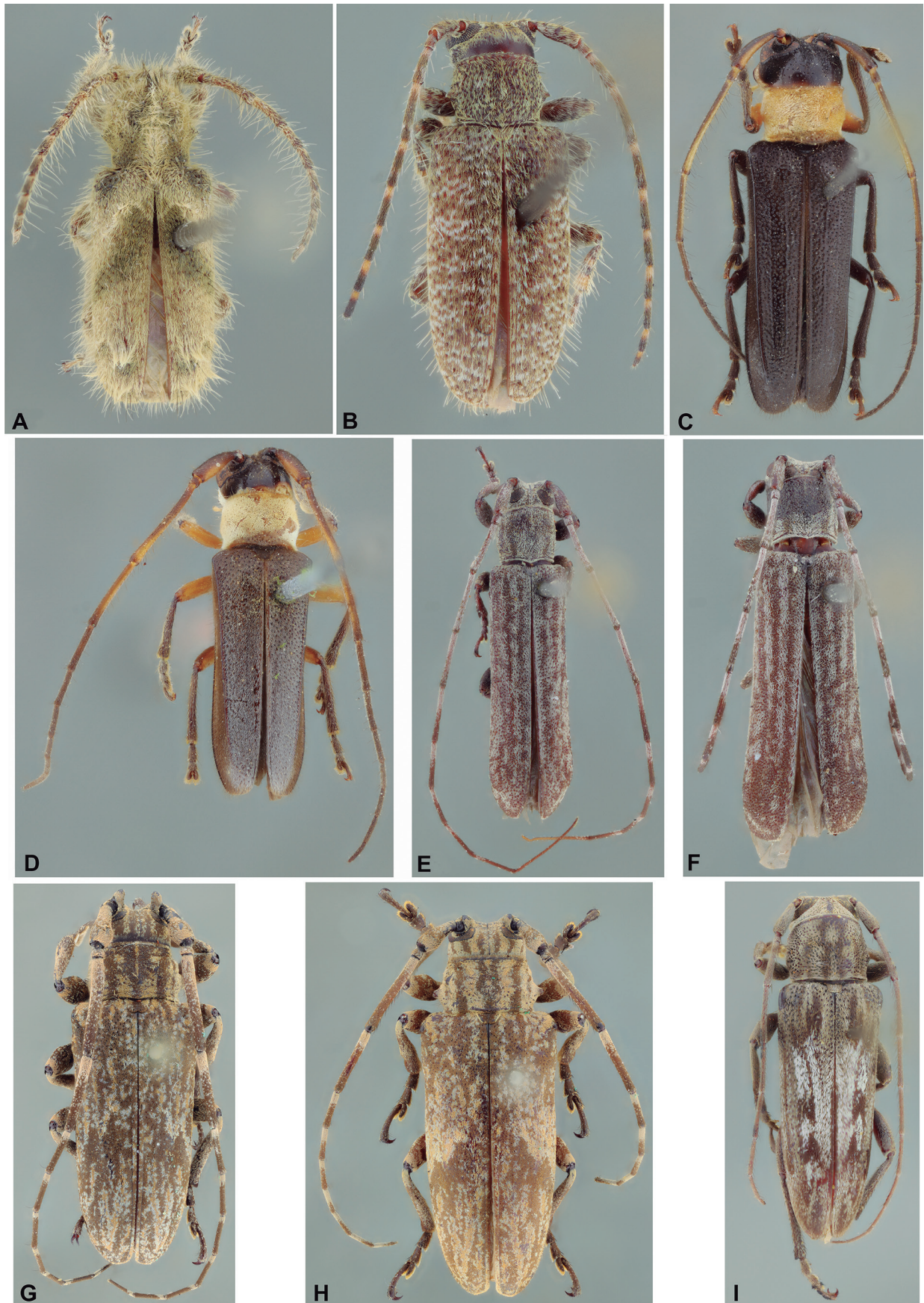
***Hesycha* Fairmaire & Germain, 1859**

**Key to species of *Hesycha* from the Brazilian state of  
Mato Grosso do Sul**

1. Elytra without wide, oblique yellowish-white pubescent band on an-  
terior half ..... *H. clavata* Martins & Galileo, 1990
- Elytra with wide, oblique yellowish-white pubescent band on anteri-  
or half ..... *H. inermicollis* (Breuning, 1940)

***Hesycha clavata* Martins & Galileo, 1990**

*Hesycha clavata* Martins & Galileo, 1990a: 77.



**Figure 7.** Dorsal habitus. (A) *Desmiphora (Desmiphora) pallida* Bates, 1874, female, Brazil, Bahia, Aracatú. (B) *Estola albomarmorata* Breuning, 1943, female, Brazil, Mato Grosso do Sul, Três Lagoas. (C-D) *Adesmus collaris* Melzer, 1931: (C) Female, Brazil, Rio de Janeiro, Itatiaia; (D) Holotype male, Brazil, Espírito Santo. (E-F) *Cacostola parafusca* Martins, Galileo & Limeira-de-Oliveira, 2009: (E) Paratype male, Brazil, Maranhão, Caxias; (F) Female, Brazil, Maranhão, Caxias. (G-H) *Hesygotypa subfasciata* Dillon & Dillon, 1945: (G) Male, Brazil, Minas Gerais, Passa Quatro; (H) Female, Brazil. (I) *Lypsimena fuscata* Haldeman, 1847, lectotype male of *Estoloderces narvai* Melzer, 1928.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Dourados (DZUP).

**Distribution:** Brazil (Mato Grosso do Sul).

***Hesycha inermicollis* (Breuning, 1940)**

*Falsestola inermicollis* Breuning, 1940b: 155; 1971: 251.  
*Hesycha inermicollis*; Martins & Galileo, 2001: 1234 (syn.).

**Type locality:** Holotype female: Brazil, Bahia: Santo Antonio da Barra [Condeúba] (MNHN).

**Distribution:** Brazil (Bahia, Mato Grosso do Sul, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Argentina (Misiones), Bolivia (Beni).

***Hesychotypa Thomson, 1868***

***Hesychotypa subfasciata* Dillon & Dillon, 1945  
(Fig. 7G-7H)**

*Hesychotypa subfasciata* Dillon & Dillon, 1945: 152, pl. 6, fig. 2.

**Type locality:** Holotype male: Brazil, north Paraná (MCZN).

**Distribution:** Brazil (Maranhão, Minas Gerais, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Paraguay.

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Campo Grande, Universitário, UFMS, 1 specimen, 14.X.2021, R.S. Olivier leg. (MNRJ).

***Midamiella Monné, 2005***

***Midamiella hecabe* (Dillon & Dillon, 1945)**

*Midamus hecabe* Dillon & Dillon, 1945: 141, pl. 9, fig. 12.  
*Midamiella hecabe*; Monné, 2005: 569.

**Type locality:** Holotype male: Paraguay, San Bernardino (USNM).

**Distribution:** Brazil (Mato Grosso do Sul, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Beni, Santa Cruz), Paraguay, Argentina, Panama.

***Phacellini Lacordaire, 1872***

***Neobrachychilus Monné, 1979***

***Neobrachychilus consobrinus* (Lane, 1939)**

*Brachychilus consobrinus* Lane, 1939: 75.  
*Neobrachychilus consobrinus*; Monné, 1979: 410, fig. 11-12, 14, 16.

**Type locality:** Lectotype female: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul), Bolivia (Santa Cruz, Tarija), Argentina (Salta).

***Piola Mariononi, 1974***

***Piola quiabentiae* Marinoni, 1974**

*Piola quiabentiae* Marinoni, 1974: 88, fig. 1-9; Nascimento et al., 2018: 14, fig. 16-19.

**Type locality:** Holotype female: Argentina, Salta: Morrillo (DZUP).

**Distribution:** Brazil (Maranhão, Mato Grosso do Sul, São Paulo), Bolivia (Santa Cruz, Tarija), Paraguay, Argentina (Salta, Formosa).

***Pogonocherini Mulsant, 1839***

***Callipogonius Linsley, 1935***

***Callipogonius exoticus* (Martins & Galileo, 1995)**

*Acaua exotica* Martins & Galileo, 1995a: 29, fig. 5.  
*Callipogonius exoticus*; Santos-Silva & Bezark, 2021: 23, fig. 21-24.

**Type locality:** Holotype male: Brazil, Mato Grosso do Sul: Salobra [district of Miranda] (MZSP).

**Distribution:** Brazil (Pará, Mato Grosso do Sul, Bahia, Minas Gerais), Ecuador, Peru, Bolivia (Beni, Santa Cruz, Tarija), Paraguay.

***Lypsimena Haldeman, 1847***

***Lypsimena fuscata* Haldeman, 1847**

**(Fig. 7I-8A)**

*Lypsimena fuscata* Haldeman, 1847: 54; Breuning, 1975: 50, fig. 6.

**Type locality:** Holotype: United States, New York? (MCZN).

**Distribution:** Eastern North America and southern California, Mexico, Central America, Cuba, Jamaica, Puerto Rico, Bahamas, Cayman Islands, Hispaniola, Colombia, Venezuela, French Guiana, Brazil (Roraima, Maranhão, Piauí, Rio Grande do Norte, Paraíba, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Argentina (Salta, Tucumán, Chaco, Corrientes), Bolivia (Santa Cruz), Paraguay, Uruguay.

**We added:** Brazil, Mato Grosso do Sul (**new state record**), Campo Grande, Coophavilla II, Jardim Vila Kellen, 1 specimen, 20-27.VIII.2022, R. Olivier and P.J. Costa-Pinto leg. (MNRJ).

**Polyrhaphidini Thomson, 1860**  
***Polyrhaphis* Audinet-Serville, 1835**

**Key to species of *Polyrhaphis* from the Brazilian state of Mato Grosso do Sul**

1. Elytra with transverse dark-brown pubescent band on posterior third ..... *P. spinipennis* Laporte, 1840
- Elytra without transverse dark-brown pubescent band on posterior third or with this band only slightly distinct..... 2
- 2(1). Pronotum mostly with whitish pubescence... *P. grandini* Buquet, 1853
- Pronotal pubescence mostly not whitish ..... *P. gracilis* Bates, 1862

***Polyrhaphis gracilis* Bates, 1862**

*Polyrhaphis gracilis* Bates, 1862: 403; Santos-Silva et al., 2010b: 500, fig. 66-69, 79, 84 (syn).

**Type locality:** Holotype female: Brazil, Amazonas: Ega [Tefé] (MNHN).

**Distribution:** French Guiana, Brazil (Amazonas, Rondônia, Mato Grosso, Piauí, Mato Grosso do Sul, Bahia, São Paulo), Ecuador, Bolivia (Santa Cruz), Paraguay.

***Polyrhaphis grandini* Buquet, 1853**

*Polyrhaphis grandini* Buquet, 1853: 444; Santos-Silva et al., 2010b: 491, fig. 53-55, 71, 78.

**Type locality:** Holotype: Brazil (MNHN).

**Distribution:** Brazil (Goiás, Distrito Federal, Mato Grosso do Sul, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul).



***Polyrhaphis spinipennis* Laporte, 1840**

*Polyrhaphis spinipennis* Laporte, 1840: 460; Santos-Silva et al., 2010b: 474, fig. 4, 32-34, 73.

**Syntypes locality:** Brazil (MVMA).

**Distribution:** Brazil (Goiás, Mato Grosso, Mato Grosso do Sul, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Argentina (Misiones), Uruguay.

**Pteropliini Thomson, 1860**

***Ataxia* Haldeman, 1847**  
***Ataxia luteifrons* (Bruch, 1926)**

*Parepectasis luteifrons* Bruch, 1926: 345, pl. 2, fig. 2.  
*Ataxia luteifrons*; Breuning, 1961: 225.

**Syntypes locality:** Argentina, Santa Fé, Mendoza, Santiago del Estero, Catamarca (MACN).

**Distribution:** Bolivia (Santa Cruz), Brazil (Mato Grosso do Sul), Paraguay, Argentina (Catamarca, Santiago del Estero, La Rioja, Mendoza, Santa Fé).

***Rhaphiptera* Audinet-Serville, 1835**  
***Rhaphiptera nodifera* (Audinet-Serville, 1835)**

*Pteroplius (Rhaphiptera) nodifer* Audinet-Serville, 1835: 66.

*Rhaphiptera nodifera*; Strauch, 1861: 135; Fragoso & Monné, 1984: 1076, fig. 8.

**Type locality:** Holotype male: Brazil (BMNH).



**Figure 8.** (A) *Lysimena fuscata* Haldeman, 1847, female, dorsal habitus, Brazil, Minas Gerais, Três Marias. (B) Map of Brazil showing the location of the state of Mato Grosso do Sul (green).

**Distribution:** Brazil (Goiás, Mato Grosso do Sul, Paraíba, Pernambuco, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Santa Cruz), Paraguay, Argentina (Misiones).

**Tapeinini Thomson, 1857**

***Tapeina Lepeletier & Audinet-Serville, 1828***

***Tapeina melzeri Zajciw, 1966***

*Tapeina melzeri* Zajciw, 1966: 373, fig. 1; Marinoni, 1972: 43, fig. 43-47, 50-51, 54, pl. 5, fig. 27.

**Type locality:** Holotype male: Brazil, São Paulo: Anhangahy (MZSP).

**Distribution:** Brazil (Mato Grosso do Sul, São Paulo, Paraná), Bolivia (Santa Cruz), Paraguay, Argentina (Jujuy, Salta, Formosa, Córdoba, Misiones).

**Xenofreini Aurivillius, 1923**

***Xenofrea* Bates, 1885**

#### **Key to species of *Xenofrea* from the Brazilian state of Mato Grosso do Sul**

1. Elytra without narrow dark bands .....  
.....*X. anoreina* Tavakilian & Néouze, 2006
- Elytra with narrow dark bands ...*X. martinsi* Tavakilian & Néouze, 2006

***Xenofrea anoreina* Tavakilian & Néouze, 2006**

*Xenofrea anoreina* Tavakilian & Néouze, 2006: 281, fig. 13.

**Type locality:** Holotype male: Brazil, Goiás: Jataí (MNRJ – destroyed in fire).

**Distribution:** Venezuela, Brazil (Pará, Goiás, Maranhão, São Paulo, Mato Grosso do Sul), Argentina (Misiones).

***Xenofrea martinsi* Tavakilian & Néouze, 2006**

*Xenofrea martinsi* Tavakilian & Néouze, 2006: 285, fig. 12.

**Type locality:** Holotype female: Brazil, Mato Grosso do Sul: Município de Rio Branco (MNRJ – destroyed in fire).

**Distribution:** destroyed in fire Brazil (Mato Grosso, Mato Grosso do Sul).

**AUTHORS' CONTRIBUTIONS:** MAM, ASS, RSO: Conceptualization; MAM: Methodology, Writing – original draft, Visualization, Investigation; MAM, ASS, RSO: Writing – review & editing; ASS: Photographs. All authors actively participated in the discussion of the results, they reviewed and approved the final version of the paper.

**CONFLICT OF INTEREST:** Authors declare there are no conflicts of interest.

**FUNDING INFORMATION:** This project did not use any external financial support.

**ACKNOWLEDGMENTS:** Miguel A. Monné (MNRJ) is very grateful to Renan S. Olivier and Thomaz R. Favreto Sinani (UFMS), for the donation of specimens of Cerambycidae to MNRJ. We thank Marcela L. Monné (MNRJ) for her help during the first steps of this work. We express our sincere thanks to Josef Vlasak (USA) and Juan Pablo Botero (Colombia) for reviewing the first version of the manuscript.

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