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Onciderini Thomson, 1860 (Coleoptera: Cerambycidae: Lamiinae)  
types of the Museu de Zoologia, Universidade de São Paulo (MZSP),  
with a brief history of the Coleoptera collection

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Onciderini Thomson, 1860 (Coleoptera: Cerambycidae: Lamiinae) types of the Museu de Zoologia, Universidade de São Paulo (MZSP), with a brief history of the Coleoptera collection

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**Abstract.** The primary types of Onciderini Thomson, 1860 (Coleoptera: Cerambycidae: Lamiinae) of the Museu de Zoologia, Universidade de São Paulo (MZSP), São Paulo, are catalogued and illustrated. Data on the original combination, current name, gender, and type locality are verified and presented. There are 85 primary types of Onciderini including 23 in *Oncideres* Lacordaire, 1830; 10 in *Cacostola* Fairmaire and Germain, 1859; and five in *Hesychotypa* Thomson, 1868. Of the 85 primary types, 71 were described by Ubirajara R. Martins, many of these with Maria Helena M. Galileo. The type locality for *Cacostola exilis* Martins, Galileo, and Limeira-de-Oliveira, 2011 is corrected based on the specimen label. A brief history of the Coleoptera collection at the MZSP is also presented.

**Key words.** Catalog, holotypes, Neotropical.

## Introduction

The tribe Onciderini Thomson, 1860 (Cerambycidae) is one of the largest tribes of the subfamily Lamiinae Latreille, 1825, with 82 genera and nearly 520 described species widely distributed in the New World from USA to southern South America (Monné 2018; Tavakilian and Chevillotte 2018). Dillon and Dillon (1945, 1946) provided the only major revision of the tribe. Nearn and Swift (2011) provided a brief overview of the tribe and recent work by Nearn and collaborators has resulted in the description of five new genera and 36 new species, several synonymies, and dozens of new country records (e.g., Nearn and Tavakilian 2015).

In this work, we present the 85 primary types of Onciderini deposited at the Museu de Zoologia, Universidade de São Paulo, Brazil (MZSP). Among these are 23 primary types in *Oncideres* Lacordaire, 1830; 10 in *Cacostola* Fairmaire and Germain, 1859; and five in *Hesychotypa* Thomson, 1868. Nearly all (71 of 85) of the primary types were described by the late Ubirajara R. Martins (Fig. 88), mostly in collaboration with Maria Helena M. Galileo (Museu Anchieta de Ciências Naturais, Porto Alegre, Brazil). A brief history of the MZSP Coleoptera collection is also presented.

## A Brief History of the MZSP, with a Focus on Coleoptera

The seed of the “Museu de Zoologia da Universidade de São Paulo” (MZSP) was planted during Imperial Brazil when the commissions, designed to execute systematics studies of natural resources, were established. The first was the “Comissão Geológica do Império do Brasil” (1875–1878), headed by Canadian geologist Charles Frederick Hartt, who five years earlier, had participated in the first Morgan expedition of the Amazon. Following the model of the Geological Commission of Empire, in 1886 the “Comissão Geographica e Geologica da Provincia de São Paulo” (CGG) was created, with the purpose of constituting an interdisciplinary team to plan and execute the research to subsidize the occupation of the territory of the state of São Paulo. The CGG was annexed in 1893 to the “Museu do Estado,” where an opportunity emerged to implement a center for the foundation of a Natural History Museum, propitiating in this same year, the creation of the Zoological section. The head of the museum was the German zoologist Hermann von Ihering. This museum, including the Zoological section, was installed in 1894 in the Ipiranga neighborhood of São Paulo, was named “Museu Paulista” (MP), and had ceased its connection with CGG (Guillaumon et al. 1996). Initially, the MP was basically formed by the donations of the Counselor Francisco de Paula Mayrink (1839–1906), who had bought the collections of the “Museu Sertório.” In 1895, the MP assumed the profile of Natural History Museum. The first director was the North American geologist Orville Adalbert Derby, who had followed Hartt in the second Morgan expedition in 1871. In addition to Ihering, other entomologists worked there: The North American Adolph Hempel (1870–1949); the German Curt Schrottky (1874–1937); Rodolpho von Ihering (1883–1939); José Pinto da Fonseca (1896–1982); and Hermann Luederwaldt (1865–1934). The latter started sending material abroad for identification, for example, beetles to E. Gounelle (France), and Diptera to G. Enderlein (Germany) (Marinoni and Marinoni 2012).

After a renovation of the “Museu Paulista” in 1939, the Zoological section was transferred to the “Departamento de Zoologia da Secretaria de Agricultura do Estado de São Paulo” (Guillaumon et al. 1996). Once there, the Coleoptera collection was increased with material collected especially by A. Hempel, E. Garbe, O. Dreher, W. Ehrhandt, H. von Ihering, H. Luederwaldt, and by donations of small collections, as for example: E. Gounelle (general Coleoptera), F. Ohaus (Scarabaeidae: Rutelinae), O. Staudinger (Scarabaeidae), C. Schrottky (coprophagous Coleoptera), M. Régimbart (aquatic Coleoptera) (Costa 1999).

In 1939, the “Departamento de Zoologia” was incorporated into the “Universidade de São Paulo” under the name of “Museu de Zoologia” (Fig. 86). Since then, several collections were purchased, for example: B. Malkin (specimens from Amazon and Suriname); C. Elias (specimens from southern Bahia and Espírito Santo); Melzer (Cerambycidae); Borgmeir (myrmecophilous Staphylinidae); Halik (southeast Brazil); and Bokermann (Chrysomelidae: Chlamisinae). The number of Coleoptera collections increased considerably with the purchase of the Richard von Diringshofen collection, which encompassed other small and very important collections: J. Guérin (Erotylidae, in part); G.H. Nick (Carabidae); J. Bechyné (Chrysomelidae, in part); and specimens from the B. Pohl and F. Plaumann collections. The Diringshofen collection contained a large number of specimens from the Amazon region, and an important collection from São Paulo city, in biotypes which have since vanished. The portion of this material which was mounted (about 61,000 specimens), was identified by specialists such as: J. Bechyné (Chrysomelidae: Alticinae, Eumolpinae, Galerucinae); Erich Uhmman (Chrysomelidae: Hispinae); Franz Spaeth (Chrysomelidae: Cassidinae); Max Liebke and S. L. Straneo (Carabidae); J. Kulzer (Tenebrionidae); Karl E. Schedl (Curculionidae: Platypodinae, Scolytinae); G. Frey (Scarabaeidae: Melolonthinae); J. Guérin (Erotylidae and Chrysomelidae: Megalopodinae); F. S. Pereira (Scarabaeidae and Passalidae); B. A. M. Soares (Brentidae); and F. Lane, J. Melzer, and U. R. M. Souza (Cerambycidae).

Currently, the MZSP Coleoptera collection contains about one million specimens, representing 96% of the families recorded to Brazil. It is formed especially of Neotropical species, more specifically from Brazil. The Cerambycidae collection of MZSP has more than 80,000 specimens (e.g., Fig. 87), representing about 8,000 species, representing 166 tribes and about 2,000 genera. The cerambycid collection includes 1,132 primary types (Monné et al. 2017) described especially by (the dates in parentheses correspond to the period in which the authors were active describing species with primary and secondary types deposited in the MZSP collection) P.E. Gounelle (1906–1911), J. Melzer (1920–1935), F. Lane (1933–1978), U. R. Martins (1959–2016), R. Marinoni (1969–1982), D. S. Napp (1976–2010), M. H. M. Galileo (1985–2018), and A. Santos-Silva (2000–present). This collection includes the material from E.



Amante, R. von Diringshofen, J. Halik (in part), J. Lane (in part), K. Lenko (in part), J. Melzer, and M. Pereira-Barreto. The material is almost totally identified, especially by J. Melzer, C. Aurivillius, S. Breuning, L. S. Dillon, E. S. Dillon, F. Lane, M. A. Monné, U. R. Martins, M. M. Dias, R. Marinoni, D. S. Napp, M. H. M. Galileo, and A. Santos-Silva.

## Materials and Methods

Type specimens are listed in alphabetical order by original combination. The text for each primary type is arranged as follows: the first line contains the original combination, author, year, and page number. This is followed by the figure number of the dorsal habitus and label images if available. The second line is the kind of type (holotype, lectotype, or neotype) and gender if known. The third line is the type locality to the most specific level possible based on the label data, literature, and other data. Country and province/state are listed in most cases, even if these data are not present on the label or in the original literature. The fourth line is the current name, if different from the original combination, based on Bezark (2019), Monné (2018), and Tavakilian and Chevillotte (2018). In some instances, there is a “Remarks” section where additional information such as inconsistencies with the label(s), or other applicable historical information is presented. Details concerning specimens and label data can be seen in Fig. 1–85.

Many of the photographs were taken with Visionary Digital’s Passport Storm imaging system fitted with a Canon EOS 4D or 5D.

### Primary Types of *Onciderini* Thomson, 1860

#### *Bucoïdes montana* Martins and Galileo, 2009: 154 (Fig. 1a, b)

Holotype, male

**Type locality.** Brazil, Minas Gerais: Santa Bárbara (Serra do Caraça, 1,380 m)

**Remarks.** Type label indicates 2008.

#### *Cacostola acuticauda* Marinoni and Martins, 1982: 248 (Fig. 2a, b)

Holotype, male

**Type locality.** Brazil, Paraná: Curitiba

**Remarks.** Type label indicates Martins and Marinoni, 1981.

#### *Cacostola bimaculata* Martins, Galileo, and Limeira-de-Oliveira, 2009b: 521 (Fig. 3a, b)

Holotype, male

**Type locality.** Brazil, Maranhão: Caxias (Campus UEMA, Morro do Alecrim)

#### *Cacostola carinata* Martins, Galileo, and Santos-Silva, 2016: 328 (Fig. 4a, b)

Holotype, female

**Type locality.** Brazil, Rio Grande do Norte: Patu (06° 06’S, 37° 37’W)

**Remarks.** Type label indicates Martins, Santos-Silva and Galielo [sic].

#### *Cacostola colombiana* Martins and Galileo, 1999a: 74 (Fig. 5a, b)

Holotype, female

**Type locality.** Colombia, Bolívar: Zambrano (Hacienda Monterrey, 70 m, 9° 37’48’’N, 74° 54’44’’W)

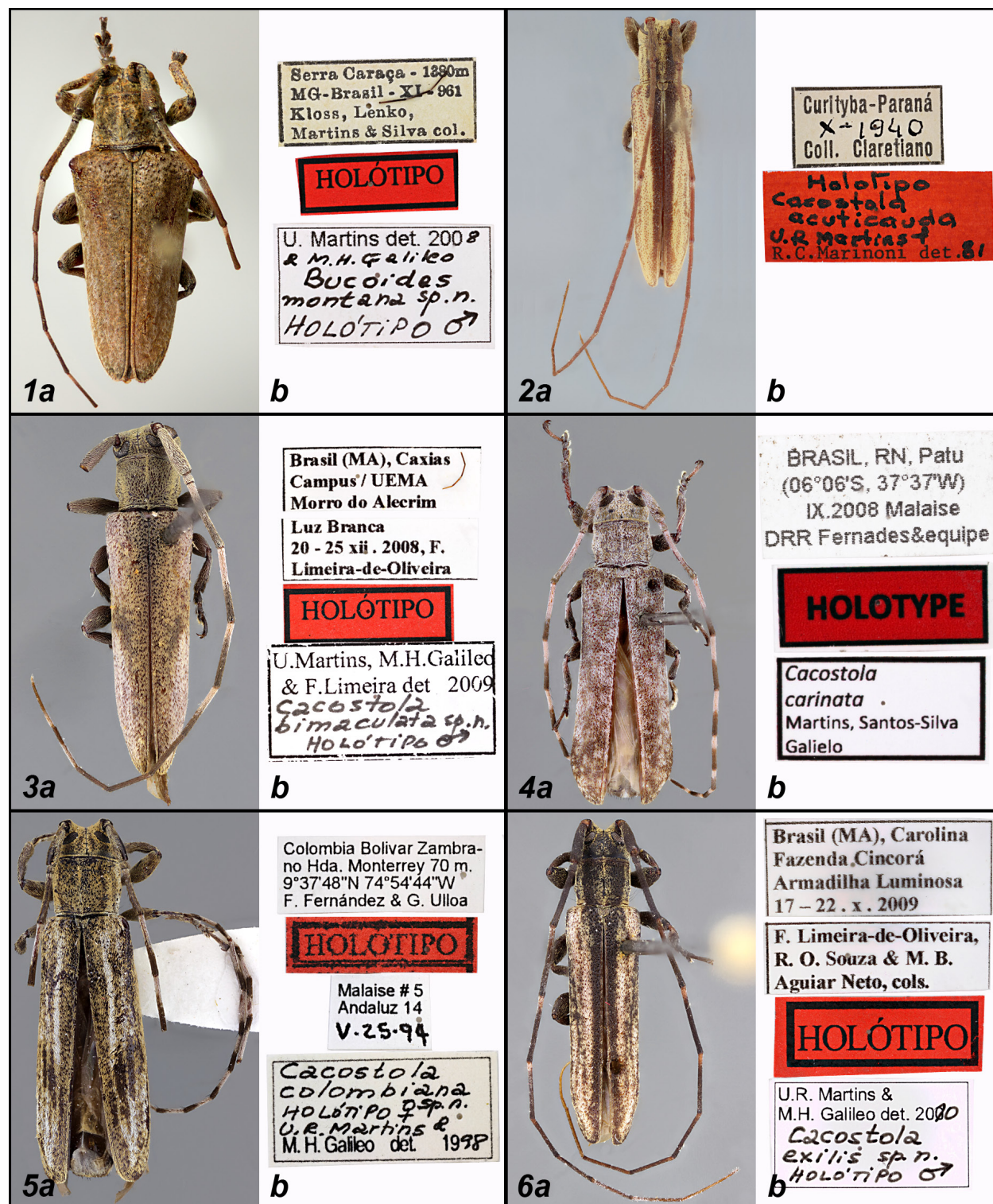
**Remarks.** Type label indicates 1998.

#### *Cacostola exilis* Martins, Galileo, and Limeira-de-Oliveira, 2011: 289 (Fig. 6a, b)

Holotype, male

**Type locality.** Brazil, Maranhão: Carolina (Fazenda Cincorá)

**Remarks.** In the original description for this species, the type locality was incorrectly recorded as Brazil, Maranhão: Caxias (Campus UEMA, Morro do Alecrim). Also, the type label indicates Martins and Galileo, 2010.



**Figures 1–6.** Six species of Onciderini. **Fig. 1.** *Bucoides montana* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 2.** *Cacostola acuticauda* Marinoni and Martins (a, dorsal habitus; b, labels). **Fig. 3.** *Cacostola bimaculata* Martins, Galileo, and Limeira-de-Oliveira (a, dorsal habitus; b, labels). **Fig. 4.** *Cacostola carinata* Martins, Galileo, and Santos-Silva (a, dorsal habitus; b, labels). **Fig. 5.** *Cacostola colombiana* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 6.** *Cacostola exilis* Martins, Galileo, and Limeira-de-Oliveira (a, dorsal habitus; b, labels).

***Cacostola gracilis* Marinoni and Martins, 1982: 250** (Fig. 7a, b)

Holotype, male

**Type locality.** Brazil, Goiás: Jataí (Fazenda Cachoeirinha)**Remarks.** Type label indicates Martins and Marinoni, 1981.***Cacostola nordestina* Martins and Galileo, 1999b: 812** (Fig. 8a, b)

Holotype, male

**Type locality.** Brazil, Paraíba: São José da Mata**Remarks.** Type label indicates Martins and Galileo, 1997.***Cacostola parafusca* Martins, Galileo, and Limeira-de-Oliveira, 2009b: 521** (Fig. 9a, b)

Holotype, male

**Type locality.** Brazil, Maranhão: Caxias (Campus UEMA, Morro do Alecrim)***Cacostola sulcipennis* Melzer, 1934: 96** (Fig. 10a, b)

Holotype, female

**Type locality.** Brazil, Espírito Santo: Santa Teresa***Cacostola vanini* Martins, 1979: 154** (Fig. 11a, b)

Holotype, male

**Type locality.** Brazil, Minas Gerais: Jaboticatubas (Serra do Cipó)***Charoides pepoata* Martins and Galileo, 1996: 296** (Fig. 12a, b)

Holotype, female

**Type locality.** Bolivia, Nor Yungas, La Paz**Current name.** *Tulcus pepoatus* (Martins and Galileo, 1996)**Remarks.** Type label indicates 1995.***Charoides pigra* Martins and Galileo, 1990: 62** (Fig. 13a, b)

Holotype, female

**Type locality.** Bolivia, Santa Cruz: Santa Cruz (500 m)**Current name.** *Tulcus pigrus* (Martins and Galileo, 1990)**Remarks.** Type label indicates 1988.***Cnemosioma innominata* Martins, 1975: 66** (Fig. 14a, b)

Holotype, female

**Type locality.** Brazil, Espírito Santo: Linhares***Cylicasta chionea* Martins, 1979: 155** (Fig. 15a, b)

Holotype, female

**Type locality.** Brazil, Mato Grosso do Sul: Imbirussú-Corumbá**Current name.** *Cylicasta parallela* (Melzer, 1934)***Euthima araujoi* Martins, 1979: 151** (Fig. 16a, b)

Holotype, male

**Type locality.** Brazil, São Paulo: Guatapará***Glypthaga mucorea* Martins and Galileo, 1990: 72** (Fig. 17a, b)

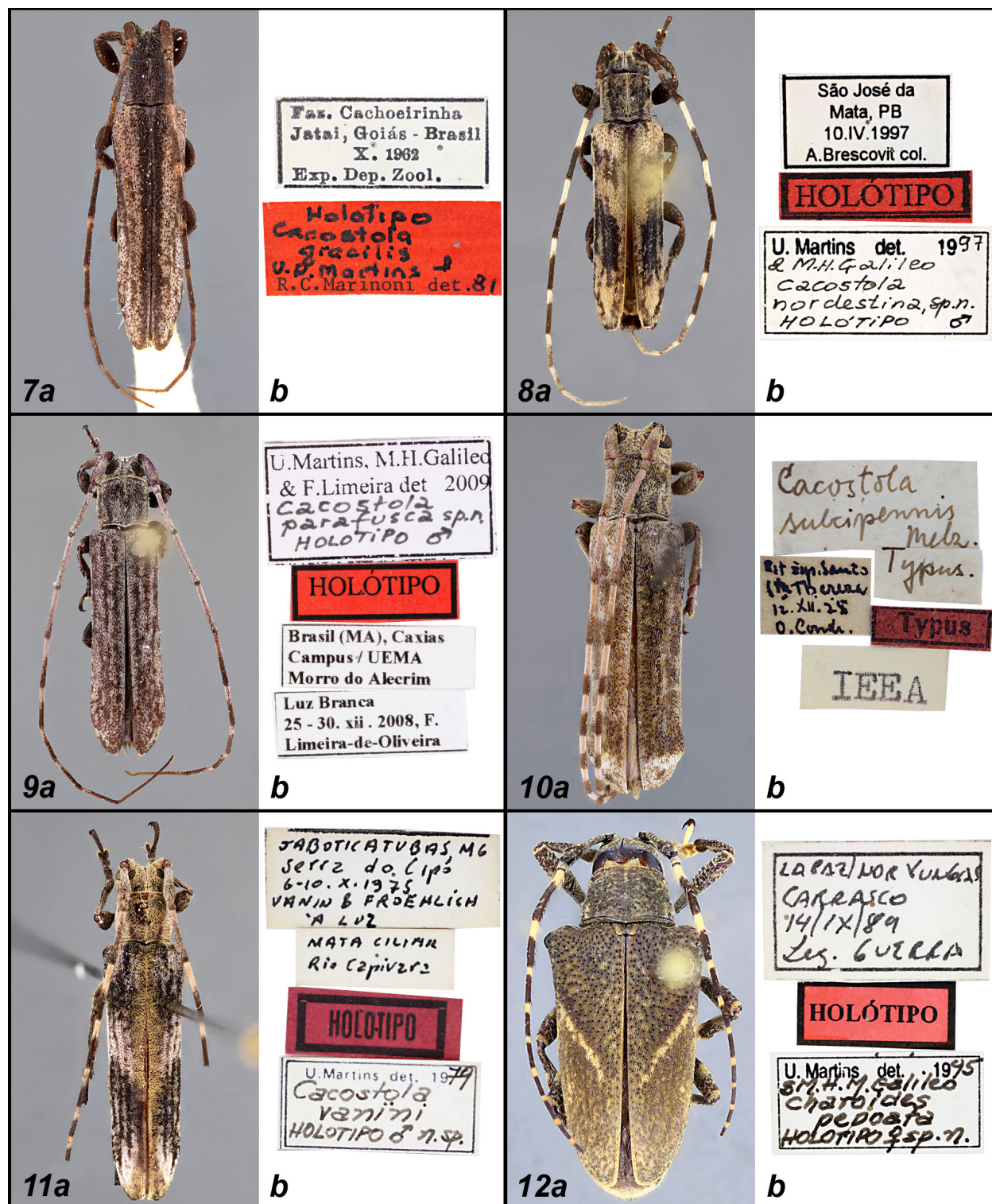
Holotype, male

**Type locality.** Brazil, Bahia**Remarks.** Type label indicates 1988.***Glypthaga unicolor* Martins and Galileo, 1990: 72** (Fig. 18a, b)

Holotype, male

**Type locality.** Brazil, Rio Grande do Sul: Lageado Grande**Remarks.** Type label indicates 1988.





Figures 7–12. Six species of Onciderini. Fig. 7. *Cacostola gracilis* Marinoni and Martins (a, dorsal habitus; b, labels). Fig. 8. *Cacostola nordestina* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 9. *Cacostola parafusca* Martins, Galileo, and Limeira-de-Oliveira (a, dorsal habitus; b, labels). Fig. 10. *Cacostola sulcipennis* Melzer (a, dorsal habitus; b, labels). Fig. 11. *Cacostola vanini* Martins (a, dorsal habitus; b, labels). Fig. 12. *Charoides pepoata* Martins and Galileo (a, dorsal habitus; b, labels).





Figures 13–18. Six species of Onciderini. Fig. 13. *Charoides pigra* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 14. *Cnemosioma innominata* Martins (a, dorsal habitus; b, labels). Fig. 15. *Cylicasta chionea* Martins (a, dorsal habitus; b, labels). Fig. 16. *Euthima araujo* Martins (a, dorsal habitus; b, labels). Fig. 17. *Glyphthaga mucorea* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 18. *Glyphthaga unicolor* Martins and Galileo (a, dorsal habitus; b, labels).

***Glyphaga vicina* Martins and Galileo, 1990: 72** (Fig. 19a, b)

Holotype, male

**Type locality.** Brazil, São Paulo: São Paulo (Saúde)**Remarks.** Type label indicates 1988.***Hesycha bimaculata* Martins and Galileo, 1990: 76** (Fig. 20a, b)

Holotype, male

**Type locality.** Brazil, Espírito Santo: Linhares (Parque Sooretama)**Remarks.** Type label indicates 1988.***Hesycha fasciata* Martins and Galileo, 1990: 77** (Fig. 21a, b)

Holotype, male

**Type locality.** Brazil, Espírito Santo: Linhares (Parque Sooretama)**Remarks.** Type label indicates 1988.***Hesycha ocellifera* Martins and Galileo, 1990: 74** (Fig. 22a, b)

Holotype, male

**Type locality.** Brazil, Minas Gerais: Viçosa**Current name.** *Hesycha inermicollis* (Breuning, 1940)**Remarks.** Type label indicates 1988.***Hesycha jataiensis* Galileo, Martins, and Santos-Silva, 2015a: 442** (Fig. 23a, b)

Holotype, male

**Type locality.** Brazil, São Paulo: Luiz Antonio (Estação Ecológica Jataí)***Hesycha microphthalma* Martins and Galileo, 1990: 76** (Fig. 24a, b)

Holotype, female

**Type locality.** Brazil, São Paulo: Ilha da Queimada Grande**Remarks.** Type label indicates 1988.***Hesycha simplex* Martins and Galileo, 1990: 76** (Fig. 25a, b)

Holotype, female

**Type locality.** Brazil, Minas Gerais: Santa Bárbara, Serra do Caraça (Fazenda Engenho, 800 m)**Remarks.** Type label indicates 1988.***Hesychotypa ableptema* Martins and Galileo, 1990: 80** (Fig. 26a, b)

Holotype, male

**Type locality.** Brazil, Pará: Santarém (Taperinha)**Remarks.** Type label indicates 1988.***Hesychotypa antonkozlovi* Nearns and Nascimento, 2019: 4** (Fig. 27a, b)

Holotype, male

**Type locality.** Ecuador, Pichincha (Camping Tombo, 0°01'22" S 78°38'48" W, 1,969 m)***Hesychotypa colombiana* Martins and Galileo, 1990: 80** (Fig. 28a, b)

Holotype, female

**Type locality.** Colombia, Cundinamarca: Fusagasugá**Remarks.** Type label indicates 1988.***Hesychotypa fernandezi* Martins and Galileo, 1999a: 76** (Fig. 29a, b)

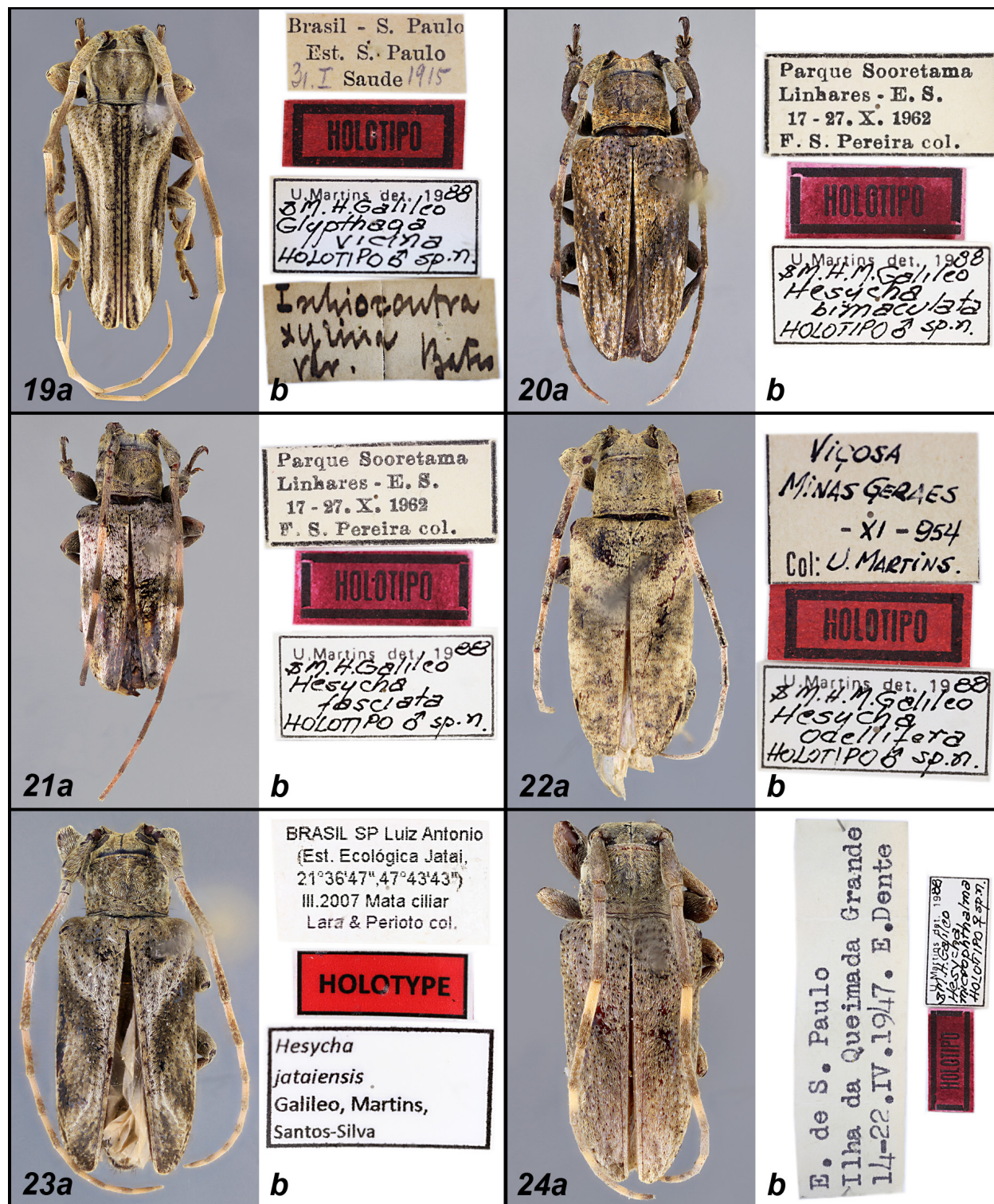
Holotype, male

**Type locality.** Colombia, Vichada: Gaviotas**Remarks.** Type label indicates 1998.***Hesychotypa maraba* Martins and Galileo, 2007: 130** (Fig. 30a, b)

Holotype, female

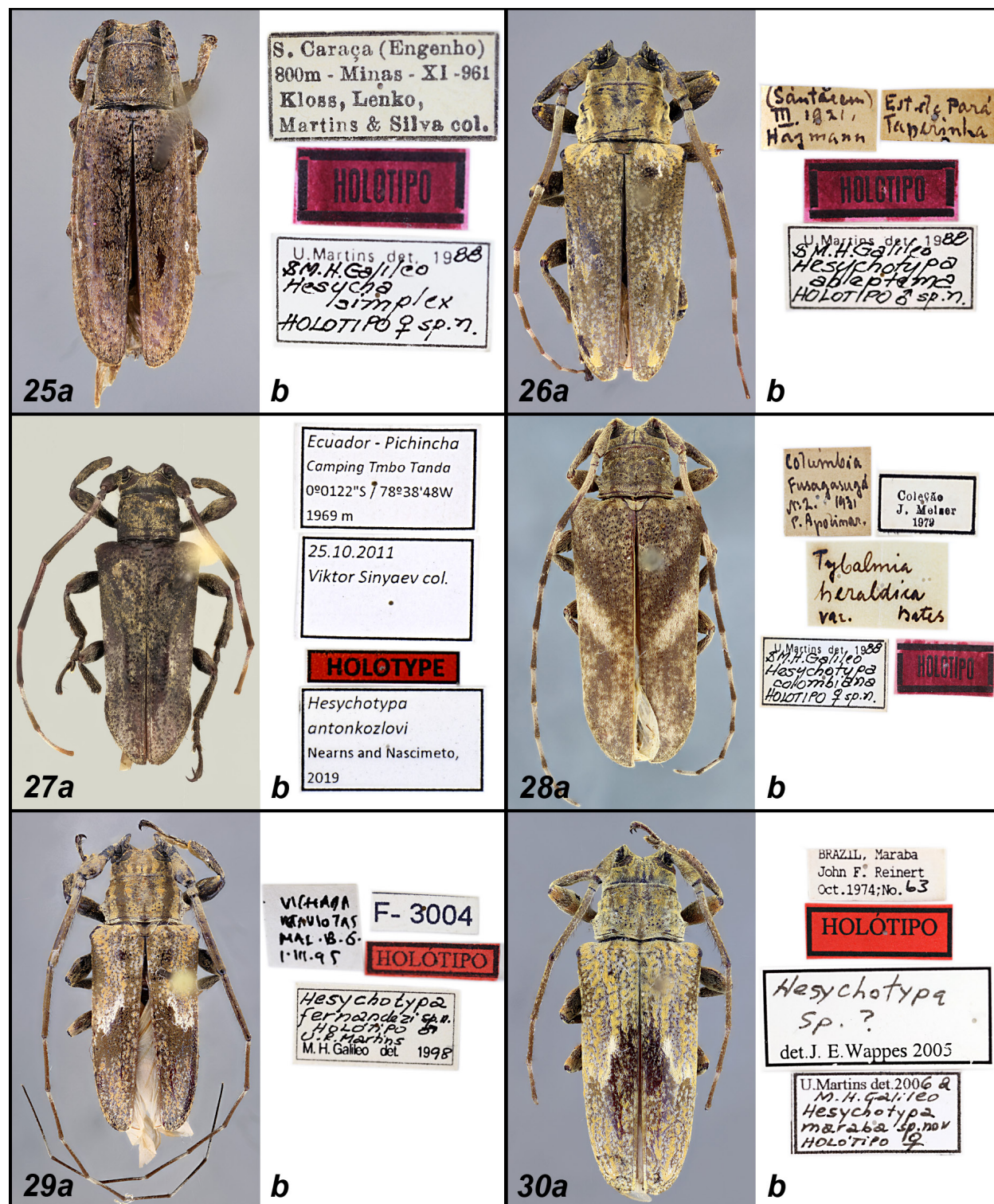
**Type locality.** Brazil, Pará: Marabá**Remarks.** Type label indicates 2006.





Figures 19–24. Six species of Onciderini. Fig. 19. *Glyphaga vicina* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 20. *Hesycha bimaculata* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 21. *Hesycha fasciata* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 22. *Hesycha ocellifera* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 23. *Hesycha jataiensis* Galileo, Martins, and Santos-Silva (a, dorsal habitus; b, labels). Fig. 24. *Hesycha microphthalma* Martins and Galileo (a, dorsal habitus; b, labels).





**Figures 25–30.** Six species of Onciderini. **Fig. 25.** *Hesycha simplex* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 26.** *Hesychotypa ableptema* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 27.** *Hesychotypa antonkozlovi* Nearns and Nascimento (a, dorsal habitus; b, labels). **Fig. 28.** *Hesychotypa colombiana* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 29.** *Hesychotypa fernandesi* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 30.** *Hesychotypa maraba* Martins and Galileo (a, dorsal habitus; b, labels).

***Hypsioma asthenia* Martins and Galileo, 1990: 56** (Fig. 31a, b)

Holotype, male

**Type locality.** Brazil, Rondônia: Guajará Mirim, Rio Cabixi (ca. 36 km da Foz com o Rio Guaporé)**Remarks.** Type label indicates 1988.***Hypsioma barbara* Martins and Galileo, 1990: 60** (Fig. 32a, b)

Holotype, female

**Type locality.** Brazil, Espírito Santo: Linhares**Remarks.** Type label indicates 1988.***Hypsioma carioca* Martins and Galileo, 2007: 128** (Fig. 33a, b)

Holotype, female

**Type locality.** Brazil, Rio de Janeiro: Rio de Janeiro (Floresta da Tijuca)**Remarks.** Type label indicates 2006.***Hypsioma renatoi* Martins and Galileo, 1990: 56** (Fig. 34a, b)

Holotype, female

**Type locality.** Brazil, Espírito Santo: Linhares**Remarks.** Type label indicates 1988.***Hypsioma solangeae* Galileo and Martins, 2007: 67** (Fig. 35a, b)

Holotype, female

**Type locality.** Brazil, Mato Grosso***Hypsioma sororcula* Martins, 1981: 213** (Fig. 36a, b)

Holotype, female

**Type locality.** Brazil, Mato Grosso: Porto dos Gaúchos, 350 m**Remarks.** Type label indicates 1980.***Ischiocentra costalimai* Melzer, 1931: 59** (Fig. 37a, b)

Holotype, male

**Type locality.** Brazil, São Paulo: São Paulo (Saúde)**Current name.** *Ischiocentra hebes* (Thomson, 1868)***Ischiocentra diringshofeni* Lane, 1956: 23** (Fig. 38a, b)

Holotype, male

**Type locality.** Brazil, Santa Catarina: São Bento do Sul***Ischiocentra disjuncta* Martins and Galileo, 1990: 84** (Fig. 39a, b)

Holotype, female

**Type locality.** Venezuela, Aragua, Rancho Grande (P.N.H. Pittier)**Remarks.** Type label indicates 1988.***Ischiocentra modesta* Melzer, 1931: 58** (Fig. 40a, b)

Lectotype, male

**Type locality.** Brazil, Rio de Janeiro: Itatiaia**Current name.** *Cordites pubescens* (Thomson, 1868)***Ischiocentra multinotata* Melzer, 1934: 92** (Fig. 41a, b)

Holotype, male

**Type locality.** Brazil, Rio de Janeiro: Itatiaia**Current name.** *Eupalessa attenuata* (Thomson, 1868)***Ischiosioma obliquata* Martins and Galileo, 1990: 82** (Fig. 42a, b)

Holotype, female

**Type locality.** Brazil, Santa Catarina: São Bento do Sul**Remarks.** Type label indicates 1988.





**Figures 31–36.** Six species of Onciderini. **Fig. 31.** *Hypsioma asthenia* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 32.** *Hypsioma barbata* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 33.** *Hypsioma carioca* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 34.** *Hypsioma renatoi* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 35.** *Hypsioma solangeae* Galileo and Martins (a, dorsal habitus; b, labels). **Fig. 36.** *Hypsioma sororcula* Martins (a, dorsal habitus; b, labels).





Figures 37–42. Six species of Onciderini. Fig. 37. *Ischiocentra costa-limai* Melzer (a, dorsal habitus; b, labels). Fig. 38. *Ischiocentra diringshofeni* Lane (a, dorsal habitus; b, labels). Fig. 39. *Ischiocentra disjuncta* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 40. *Ischiocentra modesta* Melzer (a, dorsal habitus; b, labels). Fig. 41. *Ischiocentra multinotata* Melzer (a, dorsal habitus; b, labels). Fig. 42. *Ischiocentra obliquata* Martins and Galileo (a, dorsal habitus; b, labels).

***Japi duartei* Martins and Galileo, 2012: 559** (Fig. 43a, b)

Holotype, male

**Type locality.** Brazil, São Paulo: Jundiá (Base Ecológica Serra do Japi)**Current name.** *Oncideres pectoralis* Thomson, 1868***Lingafelteria pandolfi* Nearns and Nascimento, 2019: 6** (Fig. 44a, b)

Holotype, male

**Type locality.** Brazil, Amazonas: Reserva Ducke (AM 010, Km 26)***Neohylus alexandrei* Martins and Galileo, 2010: 67** (Fig. 45a, b)

Holotype, male

**Type locality.** Brazil, Rondônia: Jaci-Paraná (Rio Madeira)**Remarks.** Type label indicates 2009.***Oncideres albopicta* Martins and Galileo, 1990: 93** (Fig. 46a, b)

Holotype, male

**Type locality.** Peru, Huanuco: Tingo Maria, Rio Huallaga (650–800 m)**Remarks.** Type label indicates 1988.***Oncideres alicei* Lane, 1977: 233** (Fig. 47a, b)

Holotype, male

**Type locality.** Brazil, Bahia**Remarks.** Lingafelter et al. (2014) correctly noted that two specimens labeled as holotypes of this species are known, one in the MZSP and one in the National Museum of Natural History (NMNH), Smithsonian Institution, Washington, DC, USA. The male holotype specimen in the MZSP matches the published measurements (10.75 mm long, 3.50 mm wide) and locality data perfectly. The specimen in the NMNH is the female paratype which was illustrated in the original description. Type label of the holotype specimen in the MZSP indicates 1976.***Oncideres antonkozlovi* Nearns and Nascimento, 2019: 8** (Fig. 48a, b)

Holotype, male

**Type locality.** Peru, La Libertad (Sánchez Carrión prov., Road PE10C, near Laguna Pias, 07°54'43" S 77°35'38" W, 2,180 m)***Oncideres apiaba* Martins, 1981: 225** (Fig. 49a, b)

Holotype, female

**Type locality.** Brazil, Goiás**Remarks.** Type label indicates 1980.***Oncideres bondari* Melzer, 1923: 7** (Fig. 50a, b)

Lectotype, male

**Type locality.** Brazil, São Paulo: Piracicaba***Oncideres bucki* Melzer, 1934: 95** (Fig. 51a, b)

Lectotype, male

**Type locality.** Brazil, Rio Grande do Sul: Nova Petrópolis***Oncideres captiosa* Martins, 1981: 229** (Fig. 52a, b)

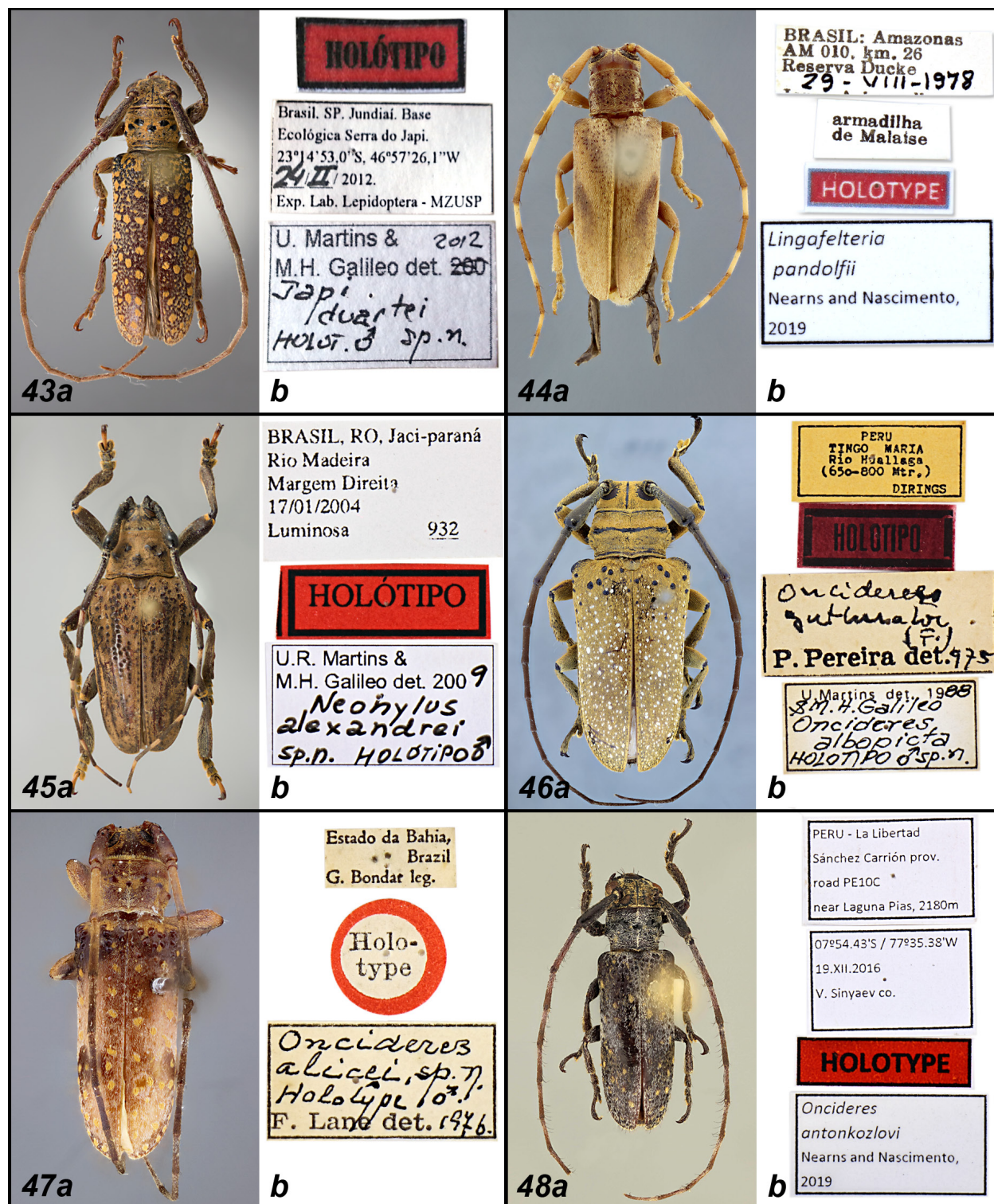
Holotype, male

**Type locality.** Brazil, Espírito Santo: Linhares**Remarks.** Type label indicates 1980.***Oncideres chagasi* Martins, 1981: 227** (Fig. 53a, b)

Holotype, male

**Type locality.** Brazil, Maranhão: São Luís





Figures 43–48. Six species of Onciderini. Fig. 43. *Japi duartei* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 44. *Lingafelteria pandolfii* Nearn and Nascimento (a, dorsal habitus; b, labels). Fig. 45. *Neohylus alexandrei* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 46. *Oncideres albopicta* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 47. *Oncideres alicei* Lane (a, dorsal habitus; b, labels). Fig. 48. *Oncideres antonkozlovi* Nearn and Nascimento (a, dorsal habitus; b, labels).





Figures 49–54. Six species of *Onciderini*. Fig. 49. *Oncideres apiaba* Martins (a, dorsal habitus; b, labels). Fig. 50. *Oncideres bondari* Melzer (a, dorsal habitus; b, labels). Fig. 51. *Oncideres bucki* Melzer (a, dorsal habitus; b, labels). Fig. 52. *Oncideres captiosa* Martins (a, dorsal habitus; b, labels). Fig. 53. *Oncideres chagasi* Martins (a, dorsal habitus; b, labels). Fig. 54. *Oncideres coites* Martins, Galileo, and Limeira-de-Oliveira (a, dorsal habitus; b, labels).

***Oncideres coites* Martins, Galileo, and Limeira-de-Oliveira, 2009a: 244** (Fig. 54a, b)

Holotype, male

**Type locality.** Brazil, Maranhão: Caxias**Remarks.** Type label indicates Martins and Galileo, 2009.***Oncideres diringsi* Martins and Galileo, 1990: 91** (Fig. 55a, b)

Holotype, female

**Type locality.** Brazil, Amazonas: Benjamin Constant (Rio Javari)**Remarks.** Type label indicates 1988.***Oncideres errata* Martins and Galileo, 2009: 160** (Fig. 56a, b)

Holotype, male

**Type locality.** Brazil, Rio de Janeiro: Angra dos Reis (Fazenda Jussaral)**Remarks.** Type label indicates 2008.***Oncideres glebulenta* Martins, 1981: 231** (Fig. 57a, b)

Holotype, female

**Type locality.** Brazil, São Paulo: Mogi Guaçu (Estação Experimental do Instituto Florestal)**Remarks.** Type label indicates 1980.***Oncideres irrorata* Melzer, 1934: 94** (Fig. 58a, b)

Holotype, male

**Type locality.** Brazil, Rio de Janeiro: Petrópolis (Independência)***Oncideres magnifica* Martins, 1981: 224** (Fig. 59a, b)

Holotype, female

**Type locality.** Brazil, Pará: Ponte Nova, Rio Xingú**Remarks.** Type label indicates 1980.***Oncideres manuara* Martins and Galileo, 1995: 3** (Fig. 60a, b)

Holotype, female

**Type locality.** Brazil, Amazonas: Reserva Ducke***Oncideres mirador* Martins, Galileo, and Limeira-de-Oliveira, 2009a: 244** (Fig. 61a, b)

Holotype, male

**Type locality.** Brazil, Maranhão: Mirador (Parque Estadual Mirador, Base de Geraldina)**Remarks.** Type label indicates Martins and Galileo, 2008.***Oncideres mirim* Martins and Galileo, 1996: 297** (Fig. 62a, b)

Holotype, male

**Type locality.** Brazil, Pará: Carajás (Serra Norte)**Remarks.** Type label indicates 1995.***Oncideres nipheta* Martins, 1981: 221** (Fig. 63a, b)

Holotype, male

**Type locality.** Brazil, Minas Gerais: Lavras**Remarks.** Type label indicates 1980.***Oncideres pepotinga* Martins, 1981: 230** (Fig. 64a, b)

Holotype, male

**Type locality.** Argentina, Santiago del Estero: Icaño**Remarks.** Type label indicates 1980.***Oncideres stillata* Galileo and Martins, 2010: 76** (Fig. 65a, b)

Holotype, male

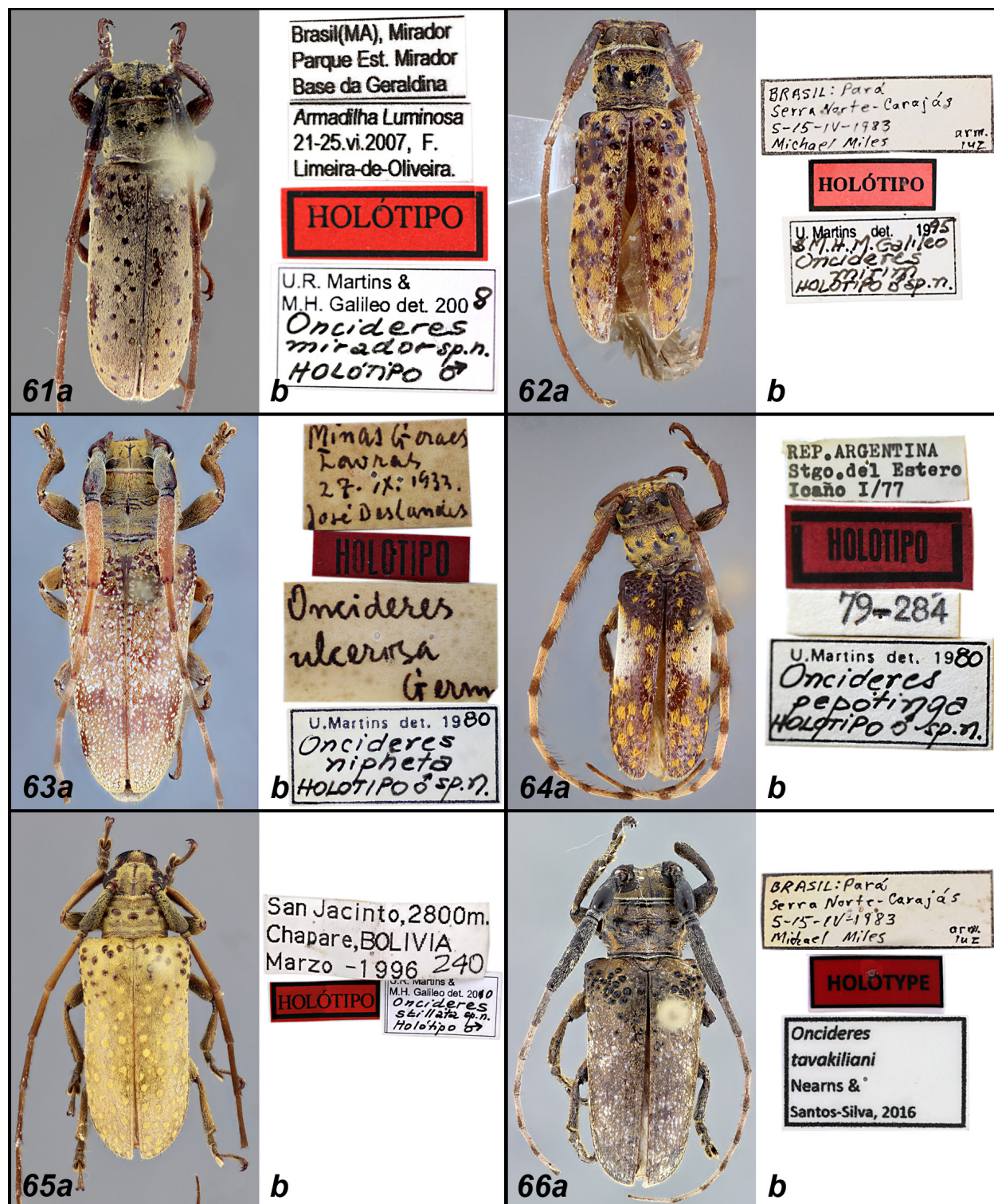
**Type locality.** Bolivia, Chapare: San Jacinto, 2,800 m**Current name.** *Oncideres aurivillii* Galileo and Martins, 2011





**Figures 55–60.** Six species of Onciderini. **Fig. 55.** *Oncideres diringsi* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 56.** *Oncideres errata* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 57.** *Oncideres glebulenta* Martins (a, dorsal habitus; b, labels). **Fig. 58.** *Oncideres irrorata* Melzer (a, dorsal habitus; b, labels). **Fig. 59.** *Oncideres magnifica* Martins (a, dorsal habitus; b, labels). **Fig. 60.** *Oncideres manauara* Martins and Galileo (a, dorsal habitus; b, labels).





Figures 61–66. Six species of Onciderini. Fig. 61. *Oncideres mirador* Martins, Galileo, and Limeira-de-Oliveira (a, dorsal habitus; b, labels). Fig. 62. *Oncideres mirim* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 63. *Oncideres nipheta* Martins (a, dorsal habitus; b, labels). Fig. 64. *Oncideres pepotinga* Martins (a, dorsal habitus; b, labels). Fig. 65. *Oncideres stillata* Galileo and Martins (a, dorsal habitus; b, labels). Fig. 66. *Oncideres tavakiliani* Nearn and Santos-Silva (a, dorsal habitus; b, labels).

**Remarks.** This specimen was originally named *Oncideres stillata* Galileo and Martins, 2010. Unfortunately, that name was preoccupied by *Oncideres stillata* Aurivillius, 1904. The specimen was later renamed *Oncideres aurivillii* Galileo and Martins, 2011. According to Wappes and Ledezma (2016), this holotype specimen should be deposited in the Museo de Historia Natural Noel Kempff Mercado, Santa Cruz, Bolivia.

***Oncideres tavakiliani* Nearns and Santos-Silva, 2016: 446** (Fig. 66a, b)

Holotype, male

**Type locality.** Brazil, Pará: Serra Norte, Carajás

***Oncideres teixeirai* Martins and Galileo, 1990: 90** (Fig. 67a, b)

Holotype, female

**Type locality.** Brazil, São Paulo: Campos de Jordão (Parque Estadual do Instituto Florestal)

**Current name.** *Oncideres macra* Thomson, 1868

**Remarks.** Type label indicates 1988.

***Oncideres vitiliga* Martins, 1981: 226** (Fig. 68a, b)

Holotype, male

**Type locality.** Bolivia, Santa Cruz: Santa Cruz, 500 m

**Remarks.** Type label indicates 1980.

***Oncideres obliqua* Galileo, Martins, and Santos-Silva, 2015b: 104** (Fig. 69a, b)

Holotype, female

**Type locality.** Brazil, Bahia: 9 km W Boa Nova (Caatinga)

**Remarks.** Type label indicates Martins, Galileo, and Santos-Silva.

***Oncideres picta* Martins and Galileo, 1990: 88** (Fig. 70a, b)

Holotype, female

**Type locality.** Brazil, São Paulo?: Campinas

**Remarks.** Type label indicates 1988.

***Oncideres rondoniae* Martins and Galileo, 1990: 90** (Fig. 71a, b)

Holotype, female

**Type locality.** Brazil, Rondônia: Forte Príncipe da Beira

**Remarks.** Type label indicates 1988.

***Prohylus phanthasma* Martins and Galileo, 1990: 67** (Fig. 72a, b)

Holotype, female

**Type locality.** Brazil, Pará: Altamira, Rio Xingú

**Remarks.** Type label indicates 1988.

***Psyllotoxus inexpectatus* Martins and Galileo, 1990: 90** (Fig. 73a, b)

Holotype, male

**Type locality.** Brazil, São Paulo: Botucatu

**Remarks.** Type label indicates 1988.

***Sternycha diasi* Martins and Galileo, 1990: 69** (Fig. 74a, b)

Holotype, female?

**Type locality.** Brazil, São Paulo: São Carlos

**Remarks.** Type label indicates 1988.

***Tibiosioma remipes* Martins and Galileo, 1990: 79** (Fig. 75a, b)

Holotype, male

**Type locality.** Brazil, Minas Gerais: Juiz de Fora

**Remarks.** Type label indicates 1988.





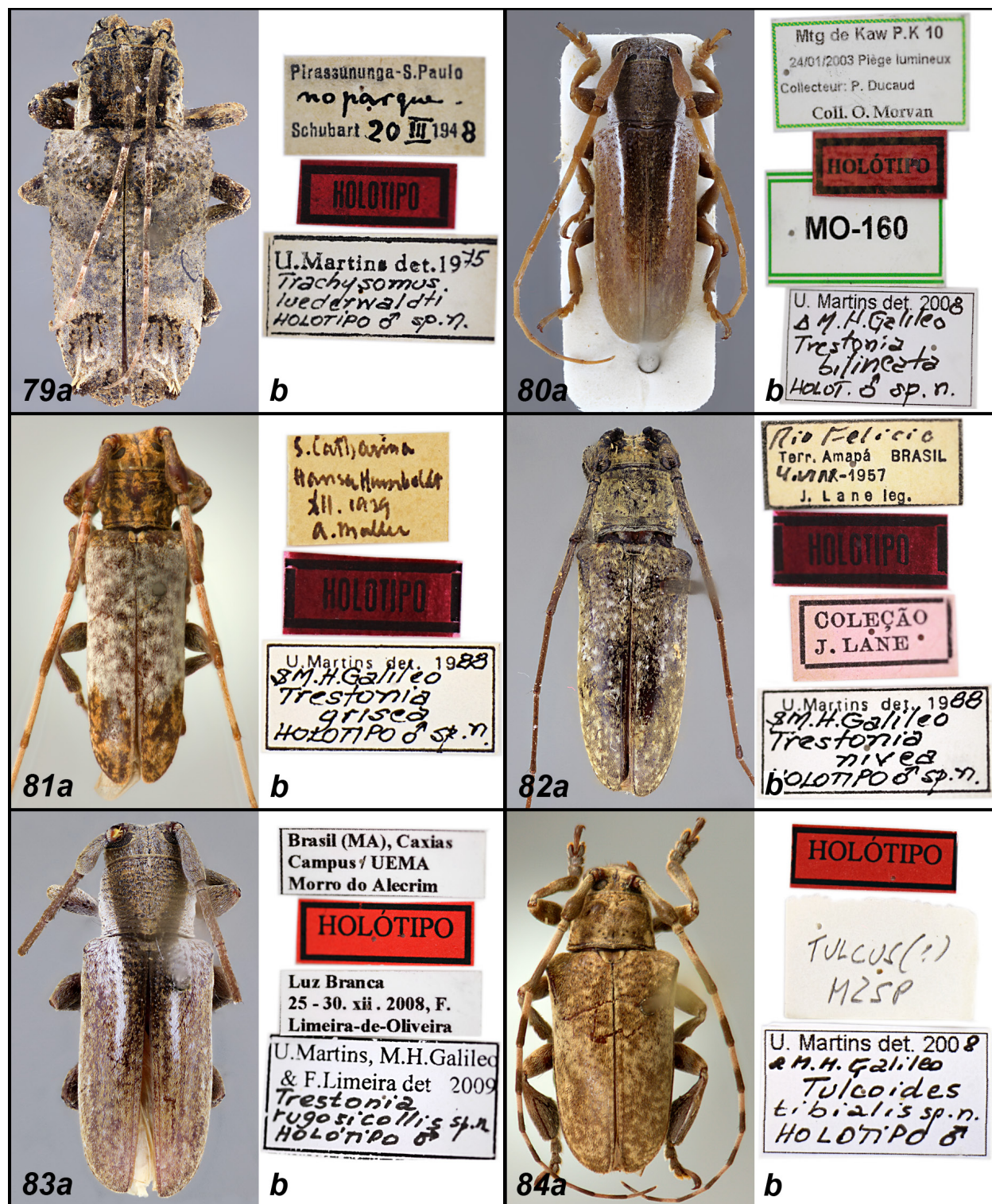
Figures 67–72. Six species of Onciderini. Fig. 67. *Oncideres teixeirai* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 68. *Oncideres vitiliga* Martins (a, dorsal habitus; b, labels). Fig. 69. *Oncideres obliqua* Galileo, Martins, and Santos-Silva (a, dorsal habitus; b, labels). Fig. 70. *Oncideres picta* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 71. *Oncideres rondoniae* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 72. *Prohylus phanthesma* Martins and Galileo (a, dorsal habitus; b, labels).





**Figures 73–78.** Six species of Onciderini. **Fig. 73.** *Psyllotoxus inexpectatus* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 74.** *Sternycha diasi* Martins and Galileo, 1990 (a, dorsal habitus; b, labels). **Fig. 75.** *Tibiosioma remipes* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 76.** *Thomsonista antonkozlovi* Nearns and Nascimento (a, dorsal habitus; b, labels). **Fig. 77.** *Trachysomus arriagadai* Galileo and Martins (a, dorsal habitus; b, labels). **Fig. 78.** *Trachysomus cavigibba* Martins (a, dorsal habitus; b, labels).





Figures 79–84. Six species of Onciderini. Fig. 79. *Trachysomus luederwaldti* Martins (a, dorsal habitus; b, labels). Fig. 80. *Trestonia bilineata* Martins, Galileo, and Tavakilian (a, dorsal habitus; b, labels). Fig. 81. *Trestonia grisea* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 82. *Trestonia nivea* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 83. *Trestonia rugosicollis* Martins, Galileo, and Limeira-de-Oliveira (a, dorsal habitus; b, labels). Fig. 84. *Tulcoides tibialis* Martins and Galileo (a, dorsal habitus; b, labels).

*Thomsonista antonkozlovi* Nearns and Nascimento, 2019: 13 (Fig. 76a, b)

Holotype, male

**Type locality.** Colombia, Risaralda: Termales de San Vicente (2,560 m; 04°51'18" N, 75°31'46" W)

*Trachysomus arriagadai* Galileo and Martins, 1991: 129 (Fig. 77a, b)

Holotype, male

**Type locality.** Paraguay, Chaco: Boquerón

**Remarks.** Type label indicates Martins and Galileo, 1991.

*Trachysomus cavigibba* Martins, 1975: 68 (Fig. 78a, b)

Holotype, male

**Type locality.** Bolivia, Santa Cruz, 600 m

*Trachysomus luederwaldti* Martins, 1975: 69 (Fig. 79a, b)

Holotype, male

**Type locality.** Brazil, São Paulo: Pirassununga

*Trestonia bilineata* Martins, Galileo, and Tavakilian, 2008: 282 (Fig. 80a, b)

Holotype, male

**Type locality.** French Guiana, Montagne de Kaw, km 10

**Remarks.** Type label indicates Martins and Galileo, 2008.

*Trestonia grisea* Martins and Galileo, 1990: 87 (Fig. 81a, b)

Holotype, male

**Type locality.** Brazil, Santa Catarina: Corupá

**Remarks.** Specimen label indicates "Hansa Humboldt" which is currently Corupá. Type label indicates 1988.

*Trestonia nivea* Martins and Galileo, 1990: 85 (Fig. 82a, b)

Holotype, male

**Type locality.** Brazil, Amapá: Rio Felício

**Remarks.** Type label indicates 1988.

*Trestonia rugosicollis* Martins, Galileo, and Limeira-de-Oliveira, 2009b: 522 (Fig. 83a, b)

Holotype, male

**Type locality.** Brazil, Maranhão: Caxias (Campus UEMA, Morro do Alecrim)

*Tulcoides tibialis* Martins and Galileo, 2009: 152 (Fig. 84a, b)

Holotype, male

**Type locality.** Unknown

**Remarks.** Type label indicates 2008.

*Venustus analogus* Martins and Galileo, 1996: 296 (Fig. 85a, b)

Holotype, male

**Type locality.** Colombia

**Remarks.** Type label indicates 1995.

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**Figure 85–88.** One species of Onciderini and photographs of MZSP collection. **Fig. 85.** *Venustus analogus* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 86.** Main entrance to MZSP, July 2011. **Fig. 87.** Example of compactor cabinet in Cerambycidae collection. **Fig. 88.** The late Ubirajara R. Martins (left), Sônia A. Casari (middle), and Eugenio H. Nearn (right), September 2010.

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