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# Onciderini Thomson, 1860 (Coleoptera: Cerambycidae: Lamiinae) types of the Museum für Naturkunde - Leibniz Institute for Evolution and Biodiversity Science, Berlin (ZMHB)

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**Abstract.** The primary types of Onciderini Thomson, 1860 (Coleoptera: Cerambycidae: Lamiinae) of the Museum für Naturkunde - Leibniz Institute for Evolution and Biodiversity Science, Berlin (ZMHB), Germany, are catalogued and illustrated. Data on the original combination, current name, gender, and type locality are verified and presented. There are 16 primary types of Onciderini including four in *Oncideres* Lacordaire, 1830 and three in *Trestonia* Buquet, 1859. Of the 16 primary types, seven were described by Ubirajara R. Martins, four by Wilhelm Ferdinand Erichson, and three by Ernst Friedrich Germar.

**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 North America to southern South America (Monné 2019; Tavakilian and Chevillotte 2019). 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 16 primary types of Onciderini deposited at the Museum für Naturkunde - Leibniz Institute for Evolution and Biodiversity Science, Berlin (ZMHB), Germany (Fig. 17–18). Among these are four in *Oncideres* Lacordaire, 1830 and three in *Trestonia* Buquet, 1859. Nearly half (7 of 16) of the primary types were described by Ubirajara R. Martins (1932–2015), four by Wilhelm Ferdinand Erichson (1809–1848), and another three by Ernst Friedrich Germar (1786–1853). A brief history of the ZMHB Coleoptera collection was provided by Müller et al. (2001) and Jaeger and Uhlig (2010).

## 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 (2019), and Tavakilian and Chevillotte (2019). 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. 1–16. 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

***Bucoides erichsoni* Martins, 1979: 150** (Fig. 1a, b)

Holotype, female

**Type locality.** Ecuador, Bolívar: Balzapamba

***Bucoides exotica* Martins and Galileo, 1990: 66** (Fig. 2a, b)

Holotype, female

**Type locality.** Brazil, Rio de Janeiro: Nova Friburgo

***Carenesycha carenata* Martins and Galileo, 1990: 79** (Fig. 3a, b)

Holotype, female

**Type locality.** Ecuador, Santa Inés

***Euthima wendtae* Martins, 1979: 151** (Fig. 4a, b)

Holotype, female

**Type locality.** Peru, Pasco: Oxapampa (Pozuzo)

**Current name.** *Euthima variegata* (Aurivillius, 1921)

***Hesygotypa punctata* Martins, 1979: 153** (Fig. 5a, b)

Holotype, male

**Type locality.** Ecuador, Bolívar: Balzapamba

**Remarks.** A second (larger, green) label states “Bras.” indicating Brazil. Martins (1979) stated that the type was from Ecuador, and currently this species is known only from Ecuador and Peru, so it is suspected that the extra label indicating “Bras.” was incorrectly affixed.

***Hypselomus crudus* Erichson, 1847: 148** (Fig. 7a, b)

Holotype, female

**Type locality.** Peru

**Current name.** *Tulcus crudus* (Erichson, 1847)

**Remarks.** Erichson (1847) indicated that the type locality is in the area of Peru east of the Andes.

***Hypselomus egens* Erichson, 1847: 148** (Fig. 6a, b)

Holotype, female

**Type locality.** Peru

**Current name.** *Furona egens* (Erichson, 1847)

**Remarks.** Erichson (1847) indicated that the type locality is in the area of Peru east of the Andes.

***Lamia albisparsa* Germar, 1823: 477** (Fig. 8a, b)

Lectotype, male

**Type locality.** Brazil

**Current name.** *Neodillonia albisparsa* (Germar, 1823)

**Remarks.** Lectotype designated by Nearns and Tavakilian (2015).

***Lamia impluviata* Germar, 1823: 483** (Fig. 9a, b)

Lectotype, female

**Type locality.** Brazil

**Current name.** *Oncideres impluviata* (Germar, 1823)

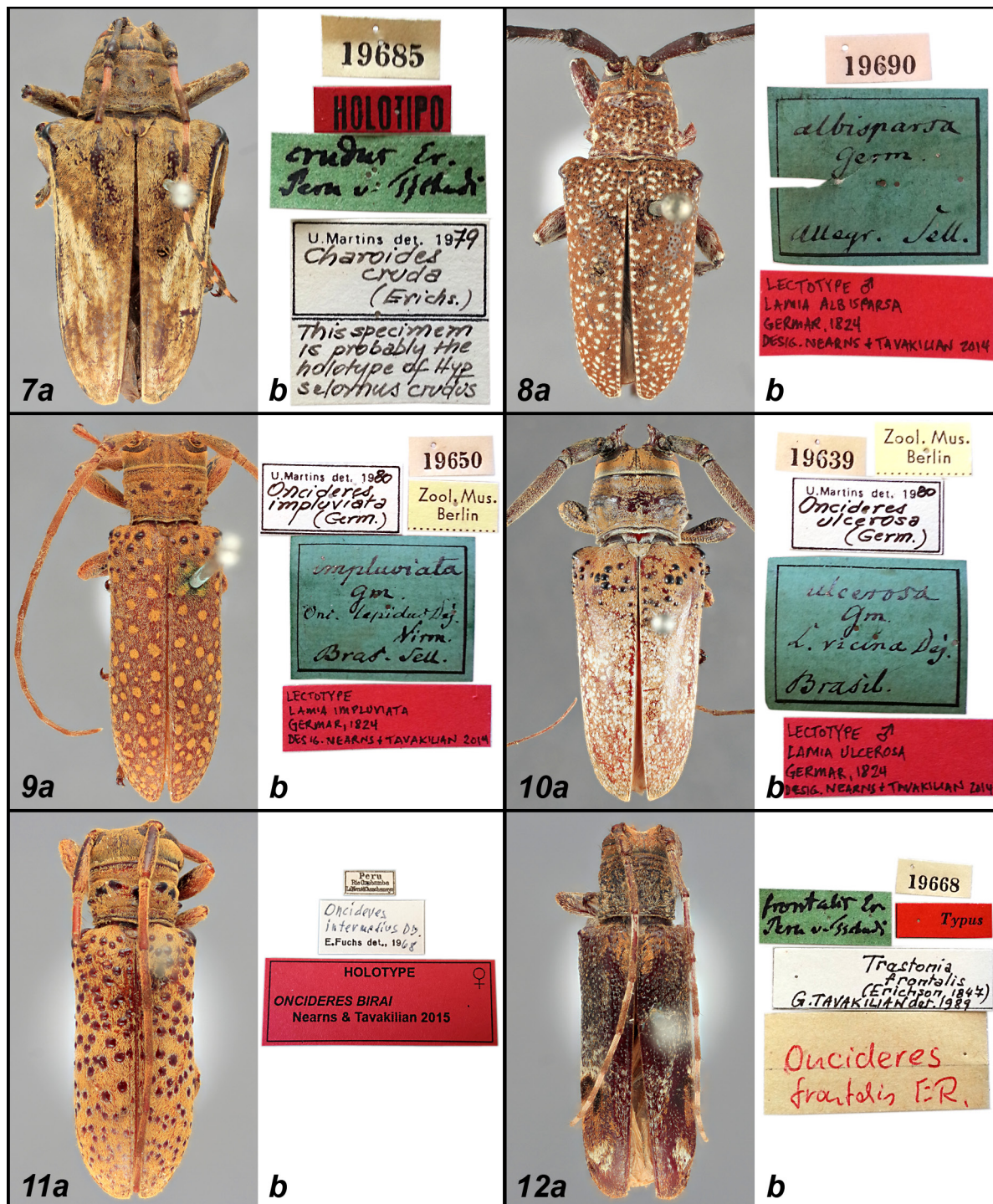
**Remarks.** Lectotype designated by Nearns and Tavakilian (2015).

***Lamia ulcerosa* Germar, 1823: 482** (Fig. 10a, b)

Lectotype, male



Figures 1–6. Six species of Onciderini. Fig. 1. *Bucooides erichsoni* Martins (a, dorsal habitus; b, labels). Fig. 2. *Bucooides exotica* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 3. *Carenesycha carenata* Martins and Galileo (a, dorsal habitus; b, labels). Fig. 4. *Euthima wendtae* Martins (a, dorsal habitus; b, labels). Fig. 5. *Hesychotypa punctata* Martins (a, dorsal habitus; b, labels). Fig. 6. *Hypselomus egens* Erichson (a, dorsal habitus; b, labels).



Figures 7–12. Six species of Onciderini. Fig. 7. *Hypselomus crudus* Erichson (a, dorsal habitus; b, labels). Fig. 8. *Lamia albisparsa* Germar (a, dorsal habitus; b, labels). Fig. 9. *Lamia impluviata* Germar (a, dorsal habitus; b, labels). Fig. 10. *Lamia ulcerosa* Germar (a, dorsal habitus; b, labels). Fig. 11. *Oncideres birai* Nearns and Tavakilian (a, dorsal habitus; b, labels). Fig. 12. *Oncideres frontalis* Erichson (a, dorsal habitus; b, labels).

**Type locality.** Brazil

**Current name.** *Oncideres ulcerosa* (Germar, 1823)

**Remarks.** Lectotype designated by Nearn and Tavakilian (2015).

***Oncideres birai* Nearn and Tavakilian, 2015: 94** (Fig. 11a, b)

Holotype, female

**Type locality.** Peru, Rio Urubamba, La Merced, Chanchamayo

***Oncideres frontalis* Erichson, 1847: 148** (Fig. 12a, b)

Holotype, female

**Type locality.** Peru

**Current name.** *Trestonia frontalis* (Erichson, 1847)

**Remarks.** Gender confirmed for first time via examination of holotype specimen by EHN.

***Paraclytemnestra gigantea* Breuning, 1974: 240** (Fig. 13a, b)

Holotype, female

**Type locality.** Antilles

**Current name.** *Jamesia lineata* Fisher, 1926

**Remarks.** Gender confirmed for first time via examination of holotype specimen by EHN.

***Proplerodia goyana* Martins and Galileo, 1990: 67** (Fig. 14a, b)

Holotype, male

**Type locality.** Brazil, Goiás: Jataí

***Trachysomus faunus* Erichson, 1847: 148** (Fig. 15a, b)

Holotype, male

**Type locality.** Peru

**Current name.** *Ecthoea quadricornis* (Olivier, 1795)

**Remarks.** Gender confirmed for first time via examination of holotype specimen by EHN.

***Trestonia fasciata* Martins and Galileo, 1990: 87** (Fig. 16a, b)

Holotype, female

**Type locality.** Colombia, Magdalena

## Note on an additional *Onciderini* Thomson, 1860

***Saperda capreola* Germar, 1823: 492**

Holotype, gender unknown

**Type locality.** Brazil

**Current name.** *Trestonia capreola* (Germar, 1823)

**Remarks.** This specimen is not found in the ZMHB collection.

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**Figures 13–18.** Four species of Onciderini and photographs of ZMHB collection. **Fig. 13.** *Paraclytemnestra gigantea* Breuning (a, dorsal habitus; b, labels). **Fig. 14.** *Proplerodia goyana* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 15.** *Trachysomus faunus* Erichson (a, dorsal habitus; b, labels). **Fig. 16.** *Trestonia fasciata* Martins and Galileo (a, dorsal habitus; b, labels). **Fig. 17.** Main entrance to ZMHB, March 2014. **Fig. 18.** Example of cabinet in Cerambycidae collection.

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