

INSECTA MUNDI

A Journal of World Insect Systematics

0038

Description of the male of *Plectromerus michelii* Nearn and Branham,
2008 (Coleoptera: Cerambycidae)

Eugenio H. Nearn
Department of Biology
Museum of Southwestern Biology
University of New Mexico
Albuquerque, NM 87131-0001 USA
email: gnearns@unm.edu

Date of Issue: June 6, 2008

Eugenio H. Nearn

Description of the male of *Plectromerus michelii* Nearn and Branham, 2008

(Coleoptera: Cerambycidae)

Insecta Mundi 0038: 1-2

Published in 2008 by

Center for Systematic Entomology, Inc.

P. O. Box 147100

Gainesville, FL 32614-7100 U. S. A.

<http://www.centerforsystematicentomology.org/>

Insecta Mundi is a journal primarily devoted to insect systematics, but articles can be published on any non-marine arthropod taxon. Manuscripts considered for publication include, but are not limited to, systematic or taxonomic studies, revisions, nomenclatural changes, faunal studies, book reviews, phylogenetic analyses, biological or behavioral studies, etc. ***Insecta Mundi*** is widely distributed, and referenced or abstracted by several sources including the Zoological Record, CAB Abstracts, etc.

As of 2007, ***Insecta Mundi*** is published irregularly throughout the year, not as quarterly issues. As manuscripts are completed they are published and given an individual number. Manuscripts must be peer reviewed prior to submission, after which they are again reviewed by the editorial board to insure quality. One author of each submitted manuscript must be a current member of the Center for Systematic Entomology.

Managing editor: Paul E. Skelley, e-mail: insectamundi@gmail.com

Production editor: Michael C. Thomas, e-mail: thomasm@doacs.state.fl.us

Editorial board: J. H. Frank, M. J. Paulsen

Printed copies deposited in libraries of:

CSIRO, Canberra, ACT, Australia

Museu de Zoologia, São Paulo, Brazil

Agriculture and Agrifood Canada, Ottawa, Ontario, Canada

The Natural History Museum, London, England

Muzeum i Instytut Zoologii Pan, Warsaw, Poland

National Taiwan University, Taipei, Taiwan

California Academy of Sciences, San Francisco, CA, USA

Florida Department of Agriculture and Consumer Services, Gainesville, FL, USA

Field Museum of Natural History, Chicago, IL, USA

National Museum of Natural History, Smithsonian Institution, Washington, DC, USA

Electronic copies in PDF format:

Printed CD mailed to all members at end of year.

Florida Center for Library Automation: purl.fcla.edu/fcla/insectamundi

University of Nebraska-Lincoln, Digital Commons: <http://digitalcommons.unl.edu/insectamundi/>

Author instructions available on the *Insecta Mundi* page at:

<http://www.centerforsystematicentomology.org/insectamundi/>

Printed Copy ISSN 0749-6737

On-Line ISSN 1942-1354

CD-ROM ISSN 1942-1362

Description of the male of *Plectromerus michelii* Nearn and Branham, 2008 (Coleoptera: Cerambycidae)

Eugenio H. Nearn

Department of Biology
Museum of Southwestern Biology
University of New Mexico
Albuquerque, NM 87131-0001 USA
email: gnearn@unm.edu

Abstract. The previously unknown male of *Plectromerus michelii* Nearn and Branham is described and illustrated.

Introduction

Plectromerus michelii Nearn and Branham, 2008 (Cerambycinae: Plectromerini) was described from two female specimens collected in the Cayman Islands. Thomas et al. (2008) provided a color habitus photograph of the holotype deposited in the Florida State Collection of Arthropods (FSCA), Gainesville, FL. Three additional specimens collected by E.J. Gerberg (Gainesville, FL) and deposited in the FSCA were recently made available; the first known male specimen and two additional females. The collection data for these specimens are: Cayman Islands, Grand Cayman, Boatswain Point, Lime Tree Estate, on 16-XII-1977, 7-X-1980, and 27-II-1987. The following description supplements the description of this species using the methods indicated in Nearn and Branham (2008).

Description. Male. Length 5.5 mm, width 1.1 mm (measured across humeri). Habitus as in Fig. 1a. Similar to female except pronotal sides with coarse punctures and prosternum with one irregular patch of coarse, deep punctures in front of each procoxa (Fig. 1b). Metafemoral teeth with posterior edge weakly, shallowly serrate, with about 12 irregular serration “peaks”; each peak with a short, curved, pale hair; metatibiae slightly sinuate, about 0.7 times as long as metafemora (Fig. 1c). Abdomen with terminal sternite broadly rounded, slightly longer than preceding sternite.

Acknowledgments

I thank Mike Thomas (FSCA, Gainesville, FL) for the loan of specimens. I also thank Kelly Miller (University of New Mexico, Albuquerque, NM), Traci Grzymala (University of New Mexico, Albuquerque, NM), and Ian Swift (Placerita Canyon Natural Area, Newhall, CA) for critical suggestions to improve an earlier version of this manuscript.



Figure 1. *Plectromerus michelii* Nearn and Branham, male. **A)** Dorsal habitus. **B)** Close-up of prosternum. **C)** Close-up of metafemur and metatibia, ventral view.

Literature Cited

Nearns, E. H., and M. A. Branham. 2008. Revision and phylogeny of the tribes Curiini LeConte and Plectromerini Nearns & Branham, new tribe (Coleoptera: Cerambycidae: Cerambycinae). *Memoirs of the American Entomological Society* 47: 1-117.

Thomas, M. C., P. E. Skelley, S. W. Lingafelter, and E. H. Nearns. 2008. Cerambycidae Holotypes of the Florida State Collection of Arthropods (FSCA). Available from: <http://www.cerambycids.com/usa/fsca/> (Accessed on 4/1/2008).

Received April 2, 2008; accepted April 17, 2008