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

Introduction

Plectromerus michelii Nearns 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 Nearns 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.

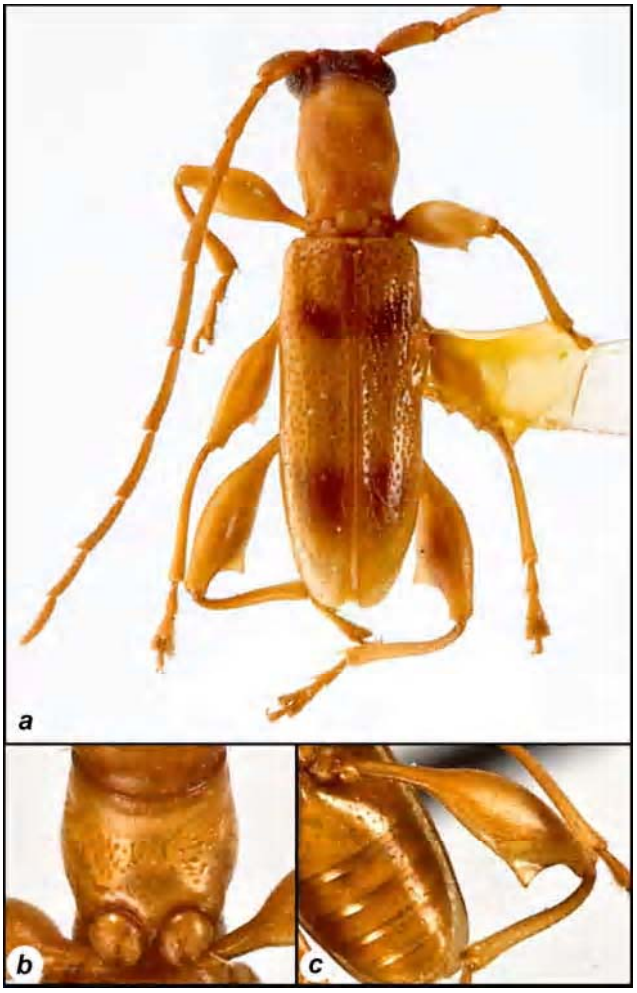

Figure 1. *Plectromerus michelii* Nearns and Branham, male. **A)** Dorsal habitus. **B)** Close-up of prosternum. **C)** Close-up of metafemur and metatibia, ventral view.

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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).

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