

Materials and methods

Specimens examined for this study are deposited in the following institutions:

- CUIC Department of Entomology, Cornell University, Ithaca, New York, USA
 LACM Los Angeles County Museum of Natural History, Los Angeles, California, USA
 MCZC Museum of Comparative Zoology, Cambridge, Massachusetts, USA
 UGBC Centre for the Study of Biological Diversity, University of Guyana, Georgetown, Guyana
 USNM National Museum of Natural History, Washington, D.C., USA

Examination and measurement of specimens were completed at various magnifications using a light stereomicroscope (Leica Wild M10) and were recorded to the nearest 0.001 mm. All measurements are given in millimeters, unless noted otherwise. Specimens were photographed using a JVC KY-F70B video camera mounted on a Leica M420 microscope and attached to an IBM Intellistation M Pro computer, on which composite images were assembled using Auto-Montage Version 3.04 software (Synoptics Ltd.). Morphological terminology employed throughout follows Bolton (1994) and Kugler (1994), with modifications where noted. Anatomical abbreviations are as follows:

- CI Cephalic Index: $(HW/HL) \cdot 100$.
 EL Eye Length: maximum diameter of compound eye in lateral view.
 FLW Frontal Lobe Width: in full-face view, the maximum distance across frontal lobes.
 GL Gaster Length: the length of the gaster in lateral view from the anteriormost point of first gastral segment (third abdominal segment) to the posteriormost point.
 HL Head Length: the length of the head proper, excluding the mandibles; measured in full-face view from the midpoint of the anterior clypeal margin to a line drawn across the posterior margin from its highest points (to accommodate species where the posterior margin is concave).
 HW Head Width: the maximum width of the head in full-face view (excluding the portion of the eyes that extends past the lateral margins of the head).
 ML Mandible Length: in full face view, the distance from the anteriormost portion of head to apex of closed mandibles.
 OI Ocular Index: $(EL/HW) \cdot 100$.
 PL Petiole Length: in lateral view, the distance from the dorsal corner of the posterior peduncle to the nearest edge of the metapleural lobe (sensu Kugler 1994).
 PPL Postpetiole Length: the maximum length of the postpetiole in lateral view.
 PSI Propodeal Spine Index: $(SpL/WL) \cdot 100$.
 PW Pronotal Width: the maximum width of the pronotum in dorsal view.
 SI Scape Index: $(SL/HW) \cdot 100$.
 SL Scape Length: the maximum length of the antennal scape excluding the condylar