

## MATERIALS AND METHODS

Specimens are deposited in the following institutions:

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 was completed at various magnifications using a light microscope (Leica Wild M10) and 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), with modifications where noted. Anatomical abbreviations are elaborated here:

TL — Total Length: HL+ML+GL.

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 extend past the lateral sides of the head).

SL — Scape Length: the maximum straight line of the antennal scape excluding the condylar bulb.

ML — Mesosoma Length: the length of the mesosoma (=alitrunk) in lateral view from the anterior most point of the pronotum (including the "neck" of the pronotum) to the posteriormost point of the metapleuron.

PW — Pronotal Width: the maximum width of the pronotum in dorsal view.

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.

CI — Cephalic Index:  $HW \cdot 100/HL$

SI — Scape Index:  $SL \cdot 100/HW$

***Pheidole funki* LaPolla, new species**

Major worker (fig. 1)

*Holotype*.— Major worker, GUYANA: Iwokrama Forest Reserve, Whitewater Camp, elev. 60 m, 58°50.992' W, 4°43.89' N, 5 November 2002 (J.S. LaPolla et al.) (UGBC).

*Diagnosis*.— Major worker. 12-segmented antennae; antennal scrobes present; overall color reddish brown; in full-face view, thick rugoreticulae cover head; scrobes long, roughly "S" shaped.

*Description*.— Major worker. Matching general characteristics of the *scrobifera*-group as defined by Wilson (2003). *Head*: Reddish-brown, darker anteriorly and along mandibular margins; in full-face view, thick rugoreticulae stretch from frontal lobes toward the posterior margin, though not reaching pos-