



Fig. 1: *Protanilla schoedli* sp.n., holotype gyne, general habitus: (A) dorsal view; (B) profile oblique.

Petiole slightly longer than broad, with short neck anteriorly and posteriorly. Anterior neck denticulate on sides, with denticles separated by faint margin. Petiolar node high, convex and broader than long. Ventral surface of petiole with sub-rounded tooth on anterior fourth, tooth directed anteriorly; remaining three fourths of ventral surface of petiole strongly convex medially. Postpetiole slightly broader than long, with short neck posteriorly only. Postpetiolar node high and convex. Ventral surface of postpetiole strongly convex.

Gaster elongate oval. Base of first tergum weakly incised medially.

Sculpture. Body smooth and shining with minute, sparse, piligerous punctures only.

Pilosity. Body with short, appressed hairs; similar hairs but shorter and suberect or subdecumbent on antennae. In addition, a few, rare, longer, suberect hairs sparse on body.

Colour. Light yellowish-brown.

Measurements (in mm) and indices. Total Length, combined head length in full-face view (closed mandibles included), Weber's length of mesosoma (see below), petiole and postpetiole lengths (in profile) and length of gaster (in profile): 3.75; Head Length, maximum measurable distance between medial margin of vertexal angles and antero-medial margin of clypeus with head in full frontal view: 0.59; Head Width, maximum measurable head width with head in full frontal view: 0.45; Scape Length, length of scape shaft, excluding basal condyle: 0.46; Mandible Length,

maximum length of mandible between antero-medial margin of clypeus and mandibular apex: 0.26; Eye Length, maximum diameter of eye: 0.12; Petiole Length, maximum measurable length on petiole transversal plane: 0.29; Petiole Width, maximum measurable width of petiole in dorsal view: 0.27; Petiole Height, maximum measurable height on petiole sagittal plane: 0.35; Postpetiole Length, maximum measurable length on postpetiole transversal plane: 0.27; Postpetiole Width, maximum measurable width of postpetiole in dorsal view: 0.29; Postpetiole Height, maximum measurable height on postpetiole sagittal plane: 0.37; Weber's Length, diagonal length of mesosoma from anterior pronotal border (excluding neck) to distal edge of propodeal lobe 1.02; Cephalic Index, (Head Width / Head Length)  $\times$  100: 76.3; Scape Index (Scape Length / Head Length)  $\times$  100: 102.2.

#### Discussion

The discovery of *Protanilla schoedli* allows hypothecation of the presence of "normal" gynes with wings and eyes in the two leptanilline genera *Protanilla* (present paper) and *Anomalomyrma* (BOLTON 1990) as opposed to dichthadiiform gynes in *Leptanilla* (BARONI URBANI 1977). The winged state of *Protanilla* and *Anomalomyrma*, however, is the plesiomorphic condition.

Biogeographically, the record of *P. schoedli* from Sri Lanka represents a considerable but not surprising extension of the previously known distribution of the genus in