



**FIGURE 3.** SEM images of *Tropidomyrmex elianae* gen. & sp. n. paratype gyne. A, detail of clypeal area in frontal view; B, detail of mouthparts in ventral view.

Head rounded. Mandibles falcate and relatively well developed, with a single tooth at apex. Palpal formula 1,2. Frontal lobes obsolete exposing the basilar condyle of antennae. Antennae 12-segmented; scape very short, pedicel enlarged. Ocelli present.

Pronotum reduced; scutum large and rounded, parapsidal lines distinct; prescutellum narrow; propodeum unarmed, with short dorsal face and distinctly concave declivous face in dorsal view, convex in side view; propodeal spiracle small, propodeal lobes reduced. Legs more elongate than in the conspecific females. Wing venation reduced; longitudinal veins Sc+R, Rs, M, Cu, and A present; cells C, R and SR closed. Hind wing with R cell only; four sub-median hamuli.

Petiole pedunculate, ventral processes absent. Postpetiole broader than long in dorsal view, attached to gaster by almost its full width. Gaster elongate, with rounded gastral shoulder.