

almost straight propodeum dorsum. Seen from lateral side, posterodorsal corner dully angulate, posterior border almost straight. Petiolar scale thin and long; seen from lateral side, both lower 2/3 of anterior and posterior borders almost parallel, upper 1/3 of anterior border convex; viewed in dorsal, 3.0–3.3 times as broad as long (Fig. 8), posterior border almost straight, but weakly convex.

Head with erect or suberect hairs, short suberect hairs abundant on lower half of head and mandibles. Dorsum of mesonotum with 2 or 3 pairs, posterolateral borders of propodeum with 3–5 pairs and petiolar scale with 3 or 4 pairs erect hairs. Gastric tergites each with 2 rows of suberect hairs. Head, alitrunk and petiole shagreened; gaster and legs slightly less so.

Head black to dark brown; mandibles reddish brown; clypeus, genae, and antennae brown to reddish brown. Pronotum reddish brown, mesonotum and propodeum black. Petiole and gaster black to dark brown, 1st and 2nd gastric tergites each with two yellow spots. Legs brown.

*Female.* HL 1.13–1.38 mm; HW 1.13–1.35 mm; SL 0.90–1.00 mm; CI 95–102; SI 72–93; WL 1.93–2.33 mm; AL 1.05–1.15 mm; AI 48–58; PSL 0.18–0.25 mm; PSH 0.38–0.45 mm; DSW 0.50–0.60 mm; SCI 46–59; SWI 44–53; TL 5.0–6.3 mm. (Ten individuals were measured.)

Head (Fig. 9) rectangular, with almost straight sides and convex occipital border. Mandibles with rounded outer margin and five distinct teeth. Anterior border of clypeus almost straight, weakly convex. Eyes (Fig. 17) convex and prominent, 0.35–0.38 mm in maximum diameter. Ocelli small, front angle of ocellar triangle obtuse; anteromedian ocellus 0.05 mm in diameter. Antennal scapes long, projecting beyond the occipital border by about 1/4 of their length.

General form of alitrunk and petiole shown as in Fig. 10. Petiolar scale long; in lateral view, lower half of anterior and posterior borders almost parallel, upper half of anterior border weakly convex; in dorsal view, 2.7–3.0 times as broad as long, posterior border slightly concave; in front view, dorsal border convex.

Body with head shagreened, gaster and legs less shagreened than alitrunk. Erect or suberect hairs present on head, dorsum of alitrunk, petiole and gaster.

Head black; genae, clypeus and mandibles reddish brown; antennae medium to dark brown. Alitrunk, petiole and gaster black; pronotum dark brown to black; 1st and 2nd gastric tergites each with two yellowish spots. Legs brown; lower half of coxae, trochanters, and tips of femora and tibiae yellow.

*Male.* HL 0.73–0.75 mm; HW 0.85–0.88 mm; SL 0.74–0.75 mm; CI 105–117; SI 86–88; WL 1.68–1.88 mm; AW 0.98–1.05 mm; AI 54–63; PSL 0.17–0.20 mm; PSH 0.23–0.28 mm; DSW 0.33–0.40 mm; SCI 60–74; SWI 31–38; TL 4.1–4.5 mm. (Ten individuals were measured.)

Head (Fig. 11) including eyes slightly wider than long, with straight occipital border, rounded dorsolateral borders and almost parallelsides. Mandibles with only one strong apical tooth. Anterior clypeal border straight. Eyes prominent and convex, 0.32–0.33 mm in maximum diameter. Front angle of ocellar triangle