

these shorter and finer than the row of gradated bristles on the inner surface. Appressed pubescence very fine, sparse on head, a little more abundant on occiput, especially behind eyes; thoracic pubescence denser than cephalic, but not obscuring surface, denser on sides of propodeum than elsewhere. First three gastric tergites with dense, fine pubescence which does not obscure surface, fourth and fifth with very sparse pubescence.

Integument.—Dull, everywhere very finely coriaceous, with conspicuous round sparse punctures on clypeus; cheeks more densely coriaceous, with scattered elongate punctures; frontal lobes with scattered micropunctures.

Color.—Light brownish yellow, legs and gaster more yellowish; mandibular margins somewhat ferruginous.

FEMALE. *Measurements:* HL 1.47; HW 1.63; SL 1.42; EL 0.57; OMD 0.52; WL 3.6; PW 1.89.

Head broader than long, CI = 90, longer than scape; SI = 87. In frontal view head broadest behind eyes, sides converging slightly toward mandibular insertions. Occiput, in frontal view flat, with well-rounded corners. Eye large, 1.8 x length of first flagellar segment; removed from mandibular insertion by a little less than its length (11:10). Lateral ocelli separated by three times diameter of anterior ocellus.

Thorax robust, PW 0.52 x WL. In profile posterior two-thirds of mesoscutum and anterior half of scutellum on same plane; meta-notum not protruding.

Petiole, in profile, compressed, crest sharp; distinctly notched; from above, about three times wider than long (not clearly visible in only available specimen).

Vestiture.—Erect cephalic pilosity as described for worker; pronotum with a few erect hairs, along anterior margin; mesoscutum and scutellum with scattered long erect yellowish hairs arising from coarse punctures; pleurae with about a dozen long, erect yellowish hairs; propodeum without conspicuous erect hairs; first tergite with scattered subdecumbent to erect yellowish hairs on disc; second and following tergites with fully erect yellowish hairs longer, a little more abundant; inner face of fore femora without conspicuous fully erect hairs, though 15+ are present on ventral surface; middle and hind tibiae with numerous decumbent, fine yellowish hairs.

Pubescence long, yellowish, appressed to decumbent on head, thorax and appendages; fully appressed and abundant on first three tergites, conspicuously sparser on fourth.

MALE.—*Measurements:* HL 0.66-0.76; HW 0.63; SL 0.73-0.76; EL 0.33; OMD 0.16; WL 1.33-1.43; PW 0.83-1.00.

Margins of head slightly convergent toward mandibular insertions; head a little longer than broad (CI 90-95), a little shorter than scape; SI 115-121; OMD 0.50 x EL; anterior ocellus little smaller than lateral ocelli; IOD 3.0-3.5 x OD; OOD 1.0-1.5 x OD. Mandible with preapical tooth or preapical notch