

erect hairs less than half as long as eye length. Pronotum with 12-18 erect hairs of irregular length, all shorter than eye length, a variable number of much shorter hairs on neck; mesonotum with about a dozen erect hairs, less than half eye length long; metanotum usually without erect hairs; propodeum with 12 or more erect hairs of variable length, the longest equal to half, or a little more, maximum eye length. Petiolar scale with 6-10 fine, erect short hairs on crest. Discs of gastric segments with sparse erect hairs, about equal to half of maximum eye length, hairs of tergal margins only slightly shorter than eye length. Scapes with abundant fine, short suberect hairs on inner and lower faces. Inner face of fore femora without erect hairs except along lower margin, these about as long as those of outer face. Middle and hind tibiae with abundant fine, reclinate hairs on all surfaces, these a little shorter than minimum thickness of the tibiae. Appressed pubescence sparse, short, on head, denser on occiput and vertex; distinctly longer and denser on thorax, coxae and femora, petiole and first three gastric tergites. Pubescence very sparse or absent from fourth and fifth tergites.

*Color.*—Orange ferruginous, often with lower half of face more yellowish; fourth and fifth gastric segments often infuscate. Rarely most of alitrunk, gaster and legs infuscate in some minors.

*FEMALE. Measurements.*—HL 1.8; HW 1.8; SL 1.8; EL 0.4; OMD 0.7; WL 4.0; PW 2.5.

Head as broad as long, CI = 100, as long as scape; SI = 100. In frontal view, head parallel-sided, as broad at mandibular insertions as at lower eye level. Occiput rounded laterally, without evident corners, slightly convex in middle. Eye small, 1.3 times length of first funicular segment, removed from mandibular insertion by 1.6 times its length. Lateral ocelli separated by 2.5 times diameter of anterior ocellus, separated from eye margin by 3.5 times diameter of anterior ocellus. Penultimate segment of maxillary palpi broadest at basal third, strongly narrowed toward apex.

Thorax robust, PW 0.62 x WL. In profile, posterior half of mesoscutum flat, apical margin below level of convex scutellum; scutellum and metanotum forming continuous convex surface.

Petiole in profile compressed-cuneate, crest sharp; distinctly notched; from above, about three times wider than long.

*Vestiture.*—Erect hairs present on all parts of face, least abundant on cheeks immediately below eyes and between eyes and ocelli; occipital hairs irregular in length, longest about as long as eye length, hairs on frons and clypeus equally variable, but a little shorter. Hairs abundant on thoracic dorsum and sides highly variable in length, some longer than eye length (especially on sides); basal third of propodeum with abundant long hair, apical two-thirds with very short erect hairs, especially toward apex and around gland opening. Crest and sides of petiolar scale with numerous long erect hairs, gastric tergites with abundant fully erect hairs on disc, separated