

slender than scape, the first joint as broad as long, the others distinctly longer than broad, the terminal slender, connate and nearly as long as the two preceding joints together. Thorax long, very gradually widened from front to rear, in profile about three times as long as deep, slightly rounded in region of pronotum, flat behind, the dorsal surface of mesonotum shallowly, though distinctly impressed at middle. Propleuræ shallowly and broadly impressed. Promesonotal suture very indistinctly indicated by an impressed line; mesometanotal suture not discernible. Meta-epinotal impression distinct. Basal portion of epinotum much longer than the flat declivity, into which it broadly rounds; dorsal surface a little broader than long, strongly and broadly impressed at middle, the impression deepest posteriorly, sides behind middle subgibbous. Petiole from above transverse, not as broad as epinotum, sides very feebly divergent behind, anterior corners broadly rounded, posterior corners projecting and obtusely angulate, posterior border strongly emarginate, dorsal surface concave at middle, with rather strong convexities at sides of concave portion, then sloping and indistinctly impressed toward lateral borders; seen from the side the node is much higher than long, arcuate in front and above and emarginate on posterior outline, with the anterior portion of sides convex and the posterior concave. Gaster elongate oval. Hypopygium and pygidium submembranous at borders, which in the former are nearly straight and in the latter triangularly excised. Sting not visible. Legs rather short, slender. Claws simple.

Gaster shining, the rest nearly opaque. Head, thorax and epinotum densely and finely punctate, the head more shallowly than the rest, and in addition with scattered, coarser punctures most conspicuous on the epinotum. Petiole densely and shallowly punctate and more shining. Gaster with distinct, irregular, separated punctures, each of which bears a moderately long, stiff, finely pointed yellow recumbent hair. Mandibles and anterior border of clypeus sparsely punctate.

Erect hairs yellow, fine and abundant on head, thorax and petiole and appendages.

Dark ferruginous red, appendages paler, antennæ yellowish.