

convex, its posterior corners produced as prominent angular tubercles. Scrobes of nearly uniform transverse diameter throughout their length and sufficiently deep to accommodate the antennae. Frontal carinae expanded and lobular anteriorly, with translucent and slightly reflected borders throughout their length. Mandibles rather large, with moderately convex external borders, the apical borders rather oblique, with four subequal teeth. Clypeus with evenly rounded, entire anterior border, flattened in the middle between the two prominent longitudinal carinae and transversely impressed at the anterior border. Frontal area semicircular. Antennae slender, scapes reaching nearly to the posterior corners of the head, their apical halves distinctly thickened; first funicular joint large, fully twice as long as broad; joints 2-7 narrower, a little broader than long, joint 8 as long as broad; joint 9, the basal joint of the clava, longer than broad and twice as broad as the preceding joints; terminal joint large, pointed, nearly three times as long as broad. Thorax narrower than the head, more than twice as long as broad, broadest through the humeri, in profile more than twice as long as high, feebly and evenly convex above. Pronotum with acute, dentate anterior corners, from which there run a pair of distinct longitudinal ridges, gradually converging posteriorly to the epinotal spines. Each of these ridges bears two minute teeth. Epinotum sloping, concave in the middle, marginate on the sides below the spines, which are long, straight, acute, close together at their insertions and directed backward, outward and upward. Metasternal angles thin, translucent, broad and sharply angular above. Petiole fully three times as long as broad or high, with a short distinct peduncle in front and constricted behind the node, which is evenly and feebly convex above; seen from above the segment is broadest at its posterior margin. Postpetiole a little broader than the petiole but scarcely higher, from above rectangular, a little broader than long, in profile feebly convex above. Gaster subcircular from above, with straight basal margin.

Gaster smooth and shining; remainder of the body, including the appendages opaque, very finely and densely punctate-rugulose. Head above between the frontal carinae with six coarse, longitudinal rugae connected by sparse, indistinct transverse rugules or reticulations. Pronotum above with four feeble longitudinal rugae. Pleurae very indistinctly and irregularly rugose. Petiole and antennal scapes indistinctly longitudinally rugulose. Postpetiole and legs very finely and densely punctate. Gaster very finely and indistinctly shagreened, at the base above densely punctate and opaque.