

Silverish white hairs cover the clypeus and cheeks, and more thickly on the epinotum and posterior portion of the petiole, forming a pad, or tuft, of hairs. On the apical margin of the first segment of the gaster a narrow silverish white band of decumbent hairs extends across the dorsal surface, and a similar band occurs on the apical margin of the third segment.

*Head* about as long as broad, narrowed in front, broadest across eyes, posterior angles rounded, posterior border slightly rounded when seen from above, but when tilted forward shortly excised in middle, the border being margined; the puncturation consists of rather strong but irregular raised longitudinal ridges, space behind insertion of antennæ smooth and shining; *mandibles* strong, triangular, longitudinally striate, outer border rounded, masticatory border armed with four or five teeth, the apical one being the longest and sharpest; *clypeus* large, convex, transverse, carinate in centre, anterior border projecting in middle, the projection armed with a short sharp tooth on each side; *frontal carinæ* raised, arched behind and forming bluntly pointed lobes; *eyes* large, round, very prominent, situated on top of sides of head near posterior angles; *antennæ* 12-jointed, rather long, *scape* extending back almost to posterior border of pronotum, *funiculus* with all the joints longer than broad, 1st joint a little shorter and broader than 2nd, last joint rather strongly pointed, longer than the two preceding taken together. *Thorax* broadest at apex, narrowed to base, sculpture formed of a network of irregular raised ridges; *pronotum* very transverse, convex on disc, anterior angles armed with sharply pointed spines, sides shallowly explanate; *suture* between pro- and mesonotum fine but distinct, and at the sides the thorax is rather deeply cut out, or notched; *mesonotum* transverse, convex, with sides more narrowly and shallowly explanate than in pronotum; *suture* between meso- and epinotum not present, but the sides of the mesonotum are sharply notched before epinotum; *epinotum* armed with two long, sharp spines projecting outwards, angle between dorsal surface and declivity abrupt, *dorsal surface* shorter than declivity, *declivity* rather flat. *Petiole* with anterior border straight and flat, armed with two long sharp spines projecting outwards and downwards;