

on the side of each epinotal spine there is a distinct longitudinal swelling or ridge on the epinotum. Petiole very slender, three times as long as broad, sides of the node parallel, the peduncle somewhat narrower when seen from above; in profile the lower surface is evenly concave, the anterior tooth minute; the dorsal surface with a low regularly rounded, knoll-like node. Postpetiole small, about $1\frac{1}{2}$ times as broad as the petiole, as broad as long, square when seen from above, with prominent anterior angles; in profile the lower surface is flattened, the upper convex, especially in front. Gaster with distinct anterior angles. Sting well developed.

Mandibles opaque, striated and with a few coarse punctures. Clypeus subopaque, its whole surface longitudinally rugose. Head subopaque in front and on the sides, shining behind, on the former regions densely and rather finely reticulate-rugose; the rugæ with a distinct longitudinal trend except on an opaque patch above each eye, where the rugæ are evenly reticulate. The shining portion of the head is traversed by clean-cut longitudinal rugæ much farther apart than on the front and crown and interspersed with a few coarse punctures; posterior angles of head delicately reticulate. Thorax subopaque; pronotal region more shining, foveolate-reticulate on the whole dorsal surface; pleuræ more coarsely reticulate-rugose, with pronounced longitudinal trend in a few of the rugæ, especially in the upper meso- and lower metapleuræ. Petiole and postpetiole subopaque, rather evenly foveolate-reticulate. Gaster smooth and shining.

Hairs moderately abundant, snow-white; clavate on the crown of the head, thorax, pedicel and gaster; a little longer on the pedicel and gaster and somewhat more reclinate. Hairs on the legs and antennæ sparse, non-clavate, appressed and inconspicuous.

Black or very dark-brown. Mandibles, joints 3-9 of the antennæ, neck, ventral surface of petiole and postpetiole reddish-yellow. Legs reddish-yellow, except the middle of the coxæ, femora, tibiæ and last tarsal joint; which are black.

Female.—Length 3.5-3.75 mm.

Clypeus and head more coarsely longitudinally rugose and more opaque than in the worker. Thorax subopaque; neck delicately reticulate-rugose; pronotum transversely and irregularly rugose; mesonotum, paraptera and scutellum traversed by dense, parallel, clean-cut, longitudinal rugæ. Epinotum delicately and somewhat concentrically reticulate-rugose; armed with two inconspicuous swellings in the place of the spines; pleuræ longitudinally rugose. Petiole and postpetiole like those of the worker, the node of the former relatively lower; post-