

the head by a distance about equal to their transverse diameter. Funicular joints subequal, except the first, which is nearly as long as the two succeeding joints together. Thorax more robust than that of *C. pylartes*, but less robust than that of *C. impressus*. Pronotum as long as broad, mesonotum nearly as long as broad. Mesoëpinotal constriction deep and long; basal epinotal surface slightly convex, a little longer than the flattened declivity with which it forms almost a rounded right angle. Petiole very low, with a subcuboidal node, distinctly impressed in the middle above and behind. Gaster large, oblong elliptical, somewhat flattened dorsoventrally. Legs short, femora compressed, anterior pair distinctly dilated.

Mandibles opaque, finely punctate and obscurely reticulate-rugose. Anterior half of head subopaque, coarsely and rather regularly reticulate-rugose, the interrugal spaces being densely punctate. On the front and cheeks the sculpture passes over into shallow, umbilicately punctate foveolæ. Behind this region the surface for a short distance is very finely and densely punctate. Remainder of head and body shining, very finely but distinctly shagreened; meso- and epinotum subopaque.

Cheeks and anterior dorsal surface of head with short, erect, obtuse yellowish hairs. There are also a few erect white hairs on the vertex, tips of antennal scapes and femora, and on the gastric segments.

Dark brown, posterior two thirds of head darker, gaster and mandibular teeth black; remainder of mandibles and anterior third of head yellowish brown.

Worker (Pl. VII, Fig. 11). — Length 4–4.5 mm.

Head a little longer than broad, slightly broader behind than in front, cheeks convex. Mandibles 5-toothed, when closed having their outer borders more projecting than in the worker of *C. impressus*. Clypeus nearly square, obscurely keeled. Frontal carinæ converging in front. Antennæ more slender and proportionally longer than in the soldier, extending about $\frac{1}{3}$ their length beyond the posterior corners of the head. Thorax and petiole resembling the corresponding parts of the soldier. Gaster proportionally smaller and more pointed.

Body and appendages subopaque, gaster and posterior portion of head shining; whole surface shagreened, more sharply on the head and thorax, so that these parts have a silky lustre. Cheeks and front with indistinct, scattered punctures.

Hairs and pubescence white, very sparse; the former confined to the head and gaster, the latter most conspicuous on the cheeks and legs.

Dark brown, antennæ somewhat paler in some specimens; gaster black, immaculate.

Female. — Length 6.5–7 mm.

Head like that of the soldier but more elongate and without carinate edges to the truncated portion in the region of the cheeks. Antennal scapes projecting about twice as far beyond the posterior corners of the head.

Sculpture and pilosity as in the soldier.

Dark brown; gaster black; anterior fourth of the head yellowish; articulations of the thorax and legs whitish; first, second, and third gastric segments