

the hairs and pubescence; the punctures on the sides of the thorax somewhat coarser than those on the dorsum.

Hairs short, erect, glistening, pale yellow, rather obtuse, sparse on the head, thorax and border of the petiole, more abundant on the gaster, absent on the cheeks. Pubescence short, appressed and sparse, but easily visible on the sides of the head, dorsum of pronotum and on the legs, especially on the tibiae, on the gaster much denser and longer, so that it hides the sculpture and produces a silky or bronzy gray reflection.

Black; mandibles, except the teeth, front of clypeus, cheeks and sometimes the sides of the head, including the posterior corners, anterior portions of frontal carinae, antennae, legs, including the coxae, rich ferruginous red; venter dark brown.

*Worker minor.* Length 3.5—4.5 mm.

Resembling the worker major, but the head smaller and proportionally longer, with more rounded posterior corners, the clypeus feebly carinate behind, the eyes situated a distance about equal to their length from the posterior corners. Antennal scapes much more slender, reaching about one-half their length beyond the occipital border of the head. Thoracic sutures less deeply impressed, the base of the epinotum more concave and the ridge separating the base from the declivity more pronounced and somewhat more distinctly bidentate.

Sculpture, pilosity and color practically the same as in the worker major.

*Female.* Length 8.5—9 mm.

Head smaller and narrower than in the worker major, the sides and posterior border straight, the antennal scapes less flattened. Thorax rather long, elliptical from above, a little broader than the head; epinotum with convex, rounded base passing gradually into the longer, sloping declivity. Superior border of the petiole distinctly emarginate in the middle.

Sculpture of the head resembling that of the worker major but the remainder of the body is more shining owing to its much finer and more superficial puncturation.

Pilosity like that of the worker, but the shining appressed pubescence on the gaster is distinctly shorter and sparser so that the black surface is more apparent and much more shining.