

21. ***Pheidole mærens* Wheeler dominicensis** subsp. nov.

*Soldier.* Differing from the soldier of the typical *mærens* of Porto Rico in having the epinotal spines stouter and blunt at their tips, the petiolar node less, the post-petiolar node more compressed anteroposteriorly; and in sculpture, the rugosity of the head being more irregular and reticulate and extending back over its posterior corners so that these are opaque. The epinotum is not distinctly transversely rugose, the petiolar and postpetiolar nodes are more opaque and the same seems to be true of the base of the first gastric segment. The color is like that of the typical form.

A single soldier from Long Ditton, near Roseau, Dominica.

22. ***Pheidole (Ceratopheidole) hecate* Wheeler** subsp. ***malevola*** Wheeler. A single worker from Yallah's Valley, Blue Mts., Jamaica.

23. ***Crematogaster brevispinosa* Mayr.** Five workers from Roseau, Dominica, "attending a scale-insect on fan palm."

24. ***Rhopalothrix (Octostruma) lutzi* sp. nov.**

*Worker.* Length 1.5–1.7 mm.

Head, excluding the mandibles, but slightly longer than broad, its posterior border very feebly and broadly excised, its sides slightly convex, its transverse diameter shorter through the eyes than at the posterior corners, without a transverse ridge at the level of the eyes. Clypeus flat, slightly broader than long, with straight anterior border. Mandibles slender, pointed, with numerous unequal teeth. Antennæ 8-jointed the basal dilation of the scape rather broadly rounded, and only about  $\frac{1}{4}$  as broad as the length of the joint, less angular than in *Rh. balzani* Emery and *Rh. batesi* Emery. Joints 2–5 of the funiculus narrow, broader than long, sixth joint as long as broad. Thorax in profile rather evenly rounded above, with distinct mesoepinotal suture. Epinotum as long as broad, with subequal base and declivity, its spines about half as long as the base, acute, longer than broad at their insertions, scarcely compressed, directed backward and slightly upward. Petiolar node from above transversely rectangular, about  $1\frac{1}{2}$  times as broad as long; postpetiolar nearly twice as broad as long and half again as broad as the petiole, with concave anterior and broadly convex posterior border. Gaster rather broadly elliptical. Legs stout.

Body opaque, densely punctate; mandibles smoother but scarcely shining; head and pronotum indistinctly rugulose.

Body, legs and antennal scapes covered with flattened, subappressed, whitish hairs and, with the exception of the legs, beset with very sparse, larger, club-shaped, erect, yellowish hairs, which are regularly arranged on the anterior border of the scapes and upper surface of the head, thorax, pedicel and gaster. The appressed hairs are longer on the legs, especially on the tibiæ, than on the body.

Dark ferruginous red throughout, posterior half of gaster and in some specimens also the upper portion of the head, somewhat darker; mandibles, clypeal border, antennæ and legs slightly paler.

*Female (decalated).* Length 2 mm.