

Ph. caribbæa evidently belongs to the group of *Ph. radoszkowskii* Mayr and *biconstricta* Mayr. In the proportions and shape of the head of the soldier it resembles *radoszkowskii* but the thorax is less thickset and more like that of *biconstricta*. From both species the Jamaican form differs in its pilosity and sculpture and in the shape of the head of the worker which is elliptical in outline, constricted and marginate behind and neither subrectangular, nor with a transverse occipital border and distinct posterior corners.

26. ***Pheidole flavens** Roger var. near **thomensis** Emery.—Several soldiers and workers taken from a single colony nesting in the ground under a stone at Mandeville (Wight) are intermediate between the var. *vincentensis* Forel and the var. *thomensis* Emery, the color and the form of the pronotum and mesonotum of the soldier being more as in the former, the shape of the epinotum and its spines as in the latter variety.

27. **Pheidole punctatissima jamaicensis** Wheeler.—Soldiers and workers from several colonies taken near Troy (Wight).

28. ***Pheidole (Ceratopheidole) hecate** sp. nov.

Soldier. Length 3.5–4 mm.

Head rather small, subrectangular, without the mandibles very nearly as broad as long, as broad in front as behind, with feebly convex sides, feebly excavated posterior border and rounded posterior corners. Vertical groove shallow and indistinct. Eyes moderately large, convex, situated about $\frac{1}{3}$ the distance from the anterior to the posterior corners. Mandibles convex, with two large apical and two minute basal teeth. Clypeus short, convex in the middle, with a broad but shallow median excision in its anterior border. Frontal carinae short. Frontal area rather feebly impressed, subtriangular, rounded behind, as long as broad. Antennæ 12-jointed, rather slender, scapes reaching nearly to the posterior corners of the head, curved and a little flattened at the base. Funiculus with a 4-jointed club, the three basal joints of which are subequal and each half as long as the terminal joint; first funicular joint as long as the three succeeding joints together, joints 2–7 subequal, but little longer than broad. Thorax rather robust, especially in front; as long as the head excluding the mandibles and half as broad. Humeri distinctly tuberculate. Pro- and mesonotum fused and somewhat flattened above, not separated by a transverse suture or constriction; mesoepinotal constriction narrow and rather deep. Epinotum with subequal base and declivity, the former straight and horizontal in profile, the latter sloping and concave; spines very large, decidedly longer than the base of the epinotum, curved a little downward towards their slender, pointed tips and directed upward, outward and backward. Petiole from above a little more than twice as long as broad, broader behind than in front, with feebly concave sides; in profile the node is low and angular, with long, concave anterior and short, concave posterior declivity. Postpetiole about twice as broad as the petiole, a little broader than long, with straight, parallel sides and rounded anterior border. Gaster regularly elliptical, smaller than the head.

Body shining throughout; mandibles glabrous; clypeus delicately rugulose on