

Testaceous yellow; legs a little paler; mandibles and clypeus deep red, with black borders; petiole and postpetiole brownish, gaster also faintly tinged with brown.

Worker. Length: 1.5 mm.

Head as broad as long, subrectangular, with feebly convex sides and feebly excised posterior border; anterior clypeal margin entire, broadly rounded. Antennal scapes reaching a little beyond the posterior corners. Pro- and mesonotum together convex and evenly rounded above, the latter without a torus. Base of epinotum feebly convex, longer than the declivity; spines reduced to small, slender, erect teeth. Petiole from above twice as long as broad, with concave sides; node rounded, entire; postpetiole about $\frac{1}{3}$ again as broad as the petiole, convex and rounded above, transversely elliptical, distinctly broader than long. Gaster about the size of the head.

Smooth and shining; mandibles finely striato-punctate; cheeks longitudinally rugulose. Mesopleuræ, epinotum and petiole slightly opaque, densely punctate.

Pilosity similar to that of the soldier, but hairs on the body more obtuse. Color like that of the soldier but the head and thorax more brownish; mandibles and clypeus not darker than the anterior portion of the head; legs and antennæ yellowish.

Described from six soldiers and nineteen workers taken on the banks of the Santa Cruz River at Tucson, Arizona. The nests were incomplete craters in sandy soil exposed to the sun, with small entrance and the excavated sand dumped to one side. Only one or two soldiers were found in a nest. The species is apparently carnivorous.

This ant at first sight seems to be very closely related to the South American *Ph. stulta*, but the soldier is at once distinguished by the absence of a carina on the clypeus and considerable differences in the shape of the petiole and postpetiole. The worker is much smaller than that of *stulta*, with much shorter antennal scapes, longer epinotal spines, shorter thorax, etc.

18. *Pheidole virago* sp. nov.

Soldier. Length 4-4.5 mm.

Head very large, about $\frac{1}{4}$ longer than broad, distinctly broader behind than in front, with straight sides, and prominent, rounded posterior lobes, separated by a very deep occipital excision continued forward nearly to the frontal area as a deep groove. In profile the head is convex above and below and very slightly compressed in the region of the posterior lobes. Eyes rather small and flat, near the anterior fourth of the head. Mandibles very convex, with two blunt apical teeth. Clypeus very short, its anterior border feebly and sinuately excised in the middle, median surface feebly convex, with indistinct carina. Frontal area distinct, broadly triangular. Frontal carinæ short, diverging. Antennæ small and slender; scapes curved, but not flattened at the base, not reaching to the eyes; funicular joints 2-8 subequal, a little longer than broad; club shorter than the remainder of the funiculus, the two basal joints subequal, together a little longer than the terminal joint. Thorax