

Mesonotum, paraptera and scutellum smooth and shining, with coarse, sparse, piligerous punctures. Gaster shining, finely shagreened and very sparsely and finely punctuate.

Pilosity much as in the soldier.

Brownish yellow: pleuræ, epinotum, nodes, posterior portion of each gastric segment, scutellum, a large spot on the middle of the mesonotum and the mandibular teeth, brown. Wings yellowish hyaline, with pale yellow veins and scarcely darker stigma.

*Male.* Length 4—4.5 mm.

Head through the eyes slightly broader than long, flattened above, produced behind in the ocellar region, with very short cheeks and large eyes. Mandibles minute, bidentate. Clypeus carinate, convex behind. Antennal scapes as long as the two basal funicular joints together. Thorax broad and short, flattened above; epinotum sloping, rounded, unarmed, without distinct base and declivity. Petiole and postpetiole like those of the soldier, the node of the former being lower, more rounded and entire.

Mandibles and clypeus shining. Head above more opaque, especially on the sides, rugulose. Thorax, postpetiole and gaster shining and sparsely punctate; pleuræ and epinotum subopaque, the latter longitudinally rugulose.

Pilosity as in the female, but shorter and less abundant.

Mandibles, clypeus, antennæ and legs pale yellow; remainder of body brown, the head darker behind, the sutures of the thorax broadly pale yellow. Wings colored as in the female.

Described from several specimens of each of the phases taken on Indefatigable Island by Dr. F. X. Williams.

Cotypes, 12 specimens, No. 444, Museum California Academy of Sciences.

The soldier of this species resembles that of *Ph. arhuaca* Forel of Colombia in size and coloration, but is very distinct in the longer antennæ, notched clypeus, different shape of the mesonotum and in the sculpture of the dorsal surface of the head. It is even more closely related to *Ph. alfaroi* Emery of Costa Rica, but the soldier of this species is larger (4.5 mm.) and differs considerably from *williamsi* in the structure of the thorax, petiole, epinotal spines, etc.